

Introduction

Thank you for purchasing the Vodafone 903T phone.

- To ensure proper usage, read this manual thoroughly before using the 903T phone.
- After reading this manual, keep it in a safe place for later reference.
- If this manual is lost or damaged, contact Vodafone General Information (page 317).
- Accessible services may be limited because of contract conditions.

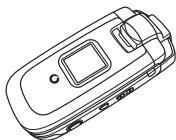
The 903T phone is compatible with the W-CDMA and GSM systems.

Caution

- Unauthorized copying of any part of this manual is prohibited.
- The contents of this manual are subject to change without prior notice.
- Steps have been taken to ensure the accuracy of descriptions in this manual. If you find inaccurate or missing information, contact Vodafone General Information (page 317).
- Manuals with missing pages or incorrect collating will be replaced.

What's in the Box

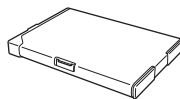
- Phone



- Rapid Charger (TSCS01)



- Battery Pack (TSBS01)



- SD Memory Card



- Battery Cover (TSTAA1/2/3)

- Stereo Handsfree Headset

- Video Output Cable (TSDAA1)

- USB Host Driver for 903T (CD-ROM)*

- User Guide

- Quick Start Guide

- 3G Guide (Japanese only)

- In addition to the above items, optional items such as a desk top cradle, cigarette lighter charger and USB cable are available. For details, contact your nearest Vodafone Shop or Vodafone General Information (page 317).
- You can use an SD memory card (hereafter referred to as a memory card) with your phone. Your phone supports memory cards with a storage capacity of up to 1GB (as of July 2005). There is no guarantee that all memory cards will work with your phone.

*Upgrades or updates of included utility software may become available on the Vodafone Website (www.vodafone.jp) without prior notification. Please check for the newest versions of utility applications and download as required.

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About this Manual

Screen

Shows the screen displayed during the operation.

Note

Provides important information about a procedure.

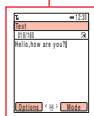
Tip

Provides advice and points to remember about a procedure.

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SMS



Note

If you press (Cancel) while an SMS message with multiple addresses set is being sent, the send operation is cancelled for the address set after the address to which the message is currently being sent.

Tip

Any message that could not be sent is saved to Sent Messages.

About SMS

The Short Message Service (SMS) allows you to exchange text messages with other phones. For details on SMS, contact Vodafone General Information.

Creating & Sending an SMS Message

1. In standby mode, press (Create Message) and press (Select).
2. Select **SMS** and press (Select).
The Create Message screen appears.
3. Enter a message and press (Send).
You can enter up to 160 characters.
4. Select **From Contacts** or **Enter Recipient** and press (Select).
 - ◆ **From Contacts:** Allows you to select a phone number from the Contacts list (page 84).
 - ◆ **Enter Recipient:** Allows you to enter a phone number using the keypad. You can enter up to 20 digits.
5. Set a phone number and press (Send).
The Recipient list appears.
6. Select **Send SMS** and press (Send) or (Cancel).
The message is sent and then saved to Sent Messages.

Level 1 heading

Level 2 heading

Explanation of function

Explanation of step

Provides important or supplementary information on the step.

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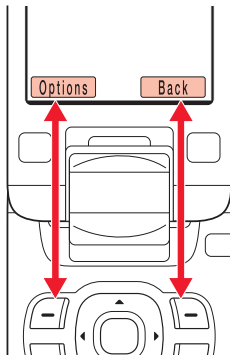
About Screens



- The screen illustrations appearing in this manual may differ from the actual screen image appearing on the phone.
- Screens may be omitted for some procedures.

Symbols Used in This Manual

Using Soft Keys






Press soft keys to perform operations indicated at the bottom of the main display.



- Press  to access Options menu.
- Press  to return to the previous menu.

Using the Navigation Key




Use the navigation key to move the cursor, access functions, display the Main menu, confirm selected items and perform selected operations.

Operation (Notation Used in This Manual)	Function
Press up 	Accesses the Shortcut menu Moves the cursor up Increases the volume
Press down 	Accesses the Contacts list Moves the cursor down Decreases the volume
Press left 	Access Dialed Numbers Moves the cursor left Decreases the volume
Press right 	Access Received Calls Moves the cursor right Increases the volume
Press centre 	Accesses the Main menu Confirms the selected item or performs the selected operation Acts as the shutter button for the camera



Safety Precautions

- To ensure proper usage, be sure to read the Safety Precautions thoroughly before using your phone. Always keep this manual available for future reference.
 - Be sure to follow the safety information contained in the instruction manuals and indicated on the product to prevent injury to the user and other persons, as well as damage to property.
 - When a child uses the phone, it is recommended that a parent or guardian reads the instruction manuals thoroughly and provides proper instructions to the child.
 - The following describes the meaning of safety symbols and signal words. Be sure to understand their meanings before proceeding to read this manual.
- 1 Serious injury includes loss of sight, wounds, high temperature burns, low temperature burns (burns causing reddish areas, blistering and other damage to the skin as a result of heat exceeding the body temperature contacting your skin for a prolonged time), electric shock, fractures and poisoning requiring hospitalization or long-term medical treatment.
 - 2 Injury includes wounds, burns and electric shock not requiring hospitalization or long-term medical treatment.
 - 3 Damage to property includes extensive damage to homes and household property, as well as livestock and pets.

Pictograph Descriptions

Pictograph	Meaning
 Danger	Indicates an imminently hazardous operation that could result in death or serious injury ¹ of the user.
 Warning	Indicates a potentially hazardous operation that could result in death or serious injury ¹ of the user.
 Caution	Indicates a potentially hazardous operation that could result in minor or moderate injury ² to the user or damage to property ³ .

Symbol Descriptions

Symbol	Meaning
 Prohibited	⊘ indicates a prohibited action. The prohibited action is indicated graphically or described in text in or near the symbol.
 Compulsory	❗ indicates a compulsory action that must be carried out. The compulsory action is indicated graphically or described in text in or near the symbol.

Limitation of Liability

- Vodafone and Toshiba accept no liability whatsoever for any damages arising from natural disasters such as earthquakes, lightning, storms and floods, as well as fires through no fault of Vodafone and Toshiba, acts by third parties, other accidents, improper use by the user, whether intentionally or negligently, or use under other abnormal conditions.
- Vodafone and Toshiba accept no liability whatsoever for incidental damages arising out of the use or inability to use the product, including, but not limited to, corruption or loss of data, lost business revenue or suspension of business operations.
- Vodafone and Toshiba accept no liability whatsoever for any damages arising from improper use not conforming to the instructions in the instruction manuals.
- Vodafone and Toshiba accept no liability whatsoever for any damages arising from malfunctions caused by use in combination with connection equipment or software that is not authorized for use by Vodafone and Toshiba.
- Image data recorded with the camera, downloaded data and other data may be corrupted or lost due to malfunction, repair or other improper handling of the product. Vodafone and Toshiba accept no liability whatsoever for the restoration of corrupted or lost data, as well as any damages or lost revenue and profits.
- Vodafone and Toshiba accept no liability whatsoever for corruption or loss of stored data resulting from failures or malfunctions of the product, regardless of the cause. Be sure to keep a separate memo of important data to limit damage caused by data corruption or loss to a minimum.

Danger



No
disassembly

Do not disassemble, modify or repair the phone, battery pack or charger

Doing so may cause overheating, rupturing, fire, electric shock, injury or malfunction. Modification of the phone is prohibited by Japanese Radio Law. For repair, contact your nearest Vodafone Shop or Vodafone Customer Assistance (page 317).



No flames

Do not dispose of the phone or battery pack in a fire or expose it to heat

If the phone or battery pack is exposed to water, do not dry it artificially in heating equipment (microwave oven, etc.)

Doing so may cause overheating, rupturing, fire or malfunction.



No flames

Do not charge, use or leave the phone or battery pack in hot places such as near a fire or heater

Doing so may cause overheating, rupturing, fire or malfunction.



Keep water
away

Do not expose the phone, charger or battery pack to fluids such as water, perspiration or seawater

Doing so may cause overheating, rupturing, fire, electric shock or malfunction. If the phone is dropped accidentally in water or any other fluid, immediately turn off the phone and contact your nearest Vodafone Shop or Vodafone Customer Assistance (page 317).

Danger



Keep water
away

Do not leave the phone, charger or battery pack outdoors, in a bathroom or wherever water or any other fluid is used

Do not place the phone, charger or battery pack near cups, vases or other containers of fluids

Exposure to water or other fluids may cause electric shock, overheating, rupturing or fire.



Compulsory

Do not use a charger other than one supplied with or designated for the phone to charge the battery pack

Do not use the charger for any other phone

Doing so may cause overheating, rupturing, fire or malfunction.



Prohibited

Do not use excessive force when inserting the battery pack into the phone or connecting the phone to the charger

Do not connect any cords with reverse polarity

Doing so may cause the battery pack to leak, rupture, overheat or catch fire, as well as cause electric shock or malfunction.



Prohibited

Do not touch the battery pack connectors (metal parts) with any metal objects (necklace, hairpin, etc.)

Doing so may cause the battery pack to overheat, rupture or catch fire, as well as the metal object to overheat.



Compulsory

Do not use a battery pack other than one supplied with or designated for the phone

Do not use the battery pack for any other phone

Doing so may cause overheating, rupturing, fire or malfunction.

Warning



Prohibited

Do not charge the battery pack while it is wet or damp

Doing so may cause overheating, rupturing, fire, electric shock or short circuit. If the battery pack is exposed to fluids such as water, unplug the rapid charger immediately.



Prohibited

Do not use the phone while driving Do not make or receive a call and do not use other functions (messaging, game, camera, video, media player, location information, mobile light, etc.)

Doing so may cause a traffic accident. Use of the phone while driving is prohibited by law. Before using the phone, stop the vehicle in a safe area where parking or stopping is permitted.



Prohibited

Do not use the phone wherever there is the risk of a fire or explosion such as in a petrol station

Doing so may ignite the gases and start a fire or explosion. Turn off the phone and do not charge it wherever gases may be present (petrol station, etc.).



Prohibited

Do not swing the phone by its strap, video output cable or stereo handsfree headset

Doing so may cause an injury, accident or damage.



Compulsory

Turn off the phone while you are near any precision electronic equipment

Radio waves may adversely affect the operation of electronic equipment. Examples of such equipment: medical electronic equipment such as cardiac pacemakers and hearing aids or fire alarms and automatic doors. If you use medical electronic equipment, consult with the equipment manufacturer or distributor about the influence of radio waves.



Unplug power cable

Remove the power plug from the outlet if the rapid charger is not to be used for a long period of time or before cleaning

Failing to do so may cause an electric shock, fire or malfunction.



Compulsory

Turn off the phone wherever its use is prohibited such as on an aircraft

Turn off the phone after cancelling any settings such as schedule and alarm settings that turn on the phone automatically

Use of the phone on an aircraft is prohibited by law.



Compulsory

Check your surroundings to confirm that it is safe to make/receive calls, send/receive messages, take pictures or record videos

Failing to do so may cause you to trip over or cause a traffic accident.

Warning



Do not use the phone with any power voltage other than the specified voltage

Compulsory

Doing so may cause a fire. The power voltages are 100 to 240 V AC for the rapid charger and 12 or 24 V DC (for a negative ground car only) for a cigarette lighter charger.



Wipe away any dust on the plug of the rapid charger with a dry cloth after removing the plug from the outlet

Compulsory

Dust on the plug or outlet may cause a fire.



Follow the instructions below when installing and wiring in-vehicle devices

Compulsory

- **Make sure that devices do not interfere with driving and safety equipment such as airbags**
- **Make sure that wires are not caught in seatbelt buckles, doors or other moving parts**

Any wire caught around a foot, brake pedal, accelerator pedal, etc. may interfere with driving and cause a traffic accident. If any part of an in-vehicle device drops onto the floor, it may startle you into abrupt braking or steering, leading to a traffic accident.



If electrolyte fluid leaking from the battery pack gets into your eyes, wash your eyes immediately with clean water and have your eyes treated by an ophthalmologist

Compulsory

Failing to receive treatment for your eyes may result in eye injury.



When thunder is heard outside, stop using the phone immediately

Compulsory

Turn off the phone and do not touch it

Failing to do so may attract lightning and cause electric shock. When thunder is heard, stop using the phone and move to a safe place such as inside a building.



If the battery pack fails to charge in the specified time, stop charging immediately

Compulsory

Failing to do so may cause overheating, rupturing or fire. Contact your nearest Vodafone Shop or Vodafone Customer Assistance (page 317).



When inserting the rapid charger plug into an AC household outlet, make sure that a metal strap or any other metal object does not touch the plug

Compulsory

Failing to do so may cause electric shock, short circuit or fire.

Warning



Compulsory

If something unusual happens to the phone, battery pack or charger; for example, it emits smoke or an unusual odour or is damaged, perform the following steps immediately

1. If the battery pack is charging, unplug the rapid charger from the AC household outlet or unplug the cigarette lighter charger from the cigarette lighter socket.
2. Make sure that the phone is not hot, then turn it off and remove the battery pack.

Failing to do so and continuing use (charging) may cause the battery pack to overheat, rupture or catch fire or the phone to overheat. If something unusual happens, contact your nearest Vodafone Shop or Vodafone Customer Assistance (page 317).



Prohibited

Do not drop the phone or battery pack or subject it to excessive shock

Doing so may cause overheating, rupturing, fire or malfunction.



Prohibited

Do not sit down with the phone in your trousers pocket

Excess weight may damage the display, battery pack or other parts resulting in overheating, fire or injury.



Compulsory

If the phone is used near an implanted cardiac pacemaker, defibrillator or other electronic medical equipment, radio waves may interfere with such a device or equipment

Observe the following guidelines

1. If you have an implanted cardiac pacemaker or defibrillator, carry and use the phone at a distance of at least 22 centimetres away from the implanted device.
2. Turn off the phone in crowded places such as packed trains because a person with an implanted cardiac pacemaker or defibrillator may be nearby. Radio waves can interfere with the operation of a cardiac pacemaker or other medical device.
3. Follow the precautions below in medical institutions.
 - Do not bring the phone into an operating room, intensive care unit or coronary care unit.
 - Turn off the phone in a hospital ward.
 - Turn off the phone in a lobby or other location close to medical equipment.
 - Observe the instructions of individual medical institutions and do not use the phone in or bring it into prohibited areas.
 - Turn off the phone after cancelling any settings such as schedule and alarm settings that turn on the phone automatically.

Warning

4. When using electronic medical devices other than an implanted cardinal pacemaker or defibrillator outside of medical institutions (such as at home), consult with the individual medical device manufacturer about the possible influence of radio waves.

The above information conforms to "The Guidelines on Use of Mobile Phones and Other Devices to Prevent Electromagnetic Wave Interference with Electronic Medical Equipment" (Electromagnetic Compatibility Conference Japan, April 1997), as well as refers to "The Investigative Research Report on the Influence of Electromagnetic Waves on Medical Equipment" (Association of Radio Industries and Businesses, March 2001).



Prohibited

Do not use the rapid charger with any power supply other than a 100 to 240 V AC household power supply

Doing so may result in a fire, as well as cause the charger to overheat, catch fire or malfunction.

Caution



Prohibited

Do not use or leave the phone or battery pack in places where it will be exposed to direct sunlight or in hot places such as inside a car in the sun

Doing so may cause overheating, fire or malfunction.



Prohibited

Keep the phone, battery pack and charger away from infants and small children

Failing to do so may result in the battery pack or a memory card being accidentally swallowed or cause an injury.



Prohibited

Make sure that the charger terminals (metal parts) do not come into contact with wires or other metal objects

Failing to do so may cause overheating or burns.



Prohibited

Do not pull the cord when unplugging the rapid charger or cigarette lighter charger from an AC household outlet or socket

Damage to the cord may cause electric shock, overheating or fire.

Hold the plug when unplugging the rapid charger or cigarette lighter charger.



Prohibited

Do not pull, bend with excessive force or twist the cords of the rapid charger and cigarette lighter charger

Do not damage or modify them

Do not place objects on them

Do not apply heat and keep them away from heaters

Damage to a cord may cause electric shock, overheating or fire.



No wet hands

Do not plug or unplug the rapid charger with wet hands

Doing so may cause electric shock or malfunction.



Prohibited

Keep magnetic cards away from the phone and make sure that a magnetic card is not trapped when closing the phone

Failing to do so may cause the magnetic data on a cash card, credit card, telephone card or floppy disk to be lost.



Prohibited

Do not use the phone in a vehicle if it affects in-vehicle electronic devices

Use of the phone in some types of vehicles may, in some rare cases, affect in-vehicle electronic devices and interfere with safe driving.

Caution



Prohibited

Do not place the phone on an unstable or unlevel surface

Doing so may result in the phone falling and causing injury or malfunction. Be particularly careful when vibration is set.



Prohibited

Do not dispose of the used battery pack with ordinary garbage

Insulate the connectors with tape and then dispose of the used battery pack separately from ordinary garbage or take it to your nearest Vodafone Shop. Be sure to observe local regulations on the separate collection of used batteries, wherever applicable.



Prohibited

Do not touch the phone with sweaty hands or place it into a pocket of sweaty clothes

Sweat and humidity may erode the internal components of the phone and cause overheating or malfunction.



Prohibited

Do not use the cigarette lighter charger when the car engine is not running

Doing so may result in a flat battery.



Compulsory

If the fuse for the cigarette lighter charger blows, replace it with a designated fuse

Replacing the fuse with other than a designated fuse may cause overheating and fire.

For details on replacing the fuse, refer to the instruction manual of the cigarette lighter charger.



Compulsory

If fluid leaking from the battery pack comes into contact with skin or clothing, wash it away immediately with clean water

Failing to do so may cause skin irritation.

Caution



If your skin becomes irritated, immediately stop using the phone and consult with a dermatologist

Compulsory

The following materials and surface treatments have been used for the phone. Some of these materials may cause itching, irritation, eczema, etc. in some rare cases depending on the individual's constitution and physical condition.

Part	Material (Surface Treatment)
Outer housing (keypad)	PC resin (UV cured acrylic coating)
Outer housing (main display side, external display side, hinge side covers, hinge caps, external camera section, battery compartment)	PPE/PS resin (UV cured acrylic coating)
Main display panel, internal camera panel, external camera panel	Acrylic resin (UV cured acrylic ink)
External display panel	Tempered glass (polyester film)
Lower internal panel	ABS resin (UV cured acrylic coating)
Keys	PC resin (UV cured urethane coating)
Stops	Polyester elastomer resin

Part	Material (Surface Treatment)
External light LED lamp	Acrylic resin
Mobile light panel	PC resin
Round logo badge	Aluminum/Acrylic resin
Rectangular logo badge	Acrylic resin (UV cured acrylic coating)
Camera grip	Polyester elastomer resin (UV cured urethane coating)
Earphone microphone jack cap, memory card slot cap	PC/ABS resin (UV cured acrylic coating)
Cable connector cap	Polyester elastomer resin
Phone charging connector	Stainless steel (gold coating, nickel undercoat)
Infrared port	Acrylic resin
Screws	Steel (nickel coating, copper undercoat)
Screw covers (earpiece, main display), Screw caps (external camera)	ABS resin (UV cured acrylic coating)

Caution



Before using the phone, make sure that no metal objects (such as pins) are stuck to the earpiece

Compulsory Failing to do so may result in a metal object causing an ear injury, etc.



If you have a weak heart, be careful with the call vibration and ringtone volume settings

Compulsory Failing to do so may startle you and may be harmful to your heart.



Be careful not to trap your fingers or objects when closing the phone and not to trap your fingers in the hinge when opening the phone

Compulsory Failing to do so may cause injury or damage to the LCD display.



Do not use the mobile light and flashlight for purposes other than taking pictures, recording videos or lighting

Prohibited Doing so may dazzle the eyes and cause impaired vision or other injury.



Make sure things like paper, cloth or bedding are not placed on the phone during charging

Prohibited Failing to do so may cause overheating, fire, burns or malfunction.



Do not turn the volume up too high while using the stereo handsfree headset

Compulsory Prolonged exposure to high sound levels may impair hearing or sound leakage may annoy other people around you. Surrounding sounds may not be heard clearly resulting in an accident.



Do not insert objects other than a memory card into the memory card slot

Prohibited Doing so may cause overheating, electric shock or malfunction.
Cover the slot with the cap at times other than when you are inserting or removing a memory card.



Keep your face away from the memory card slot when inserting or removing a memory card
Keep a memory card out of the reach of small children

Prohibited If a memory card is let go of suddenly, it may fly out and hit your face resulting in injury.

Caution



Prohibited

Do not subject a memory card to vibration or shock or remove it from the slot or turn off the phone while data is being written to or read from the memory card

Doing so may cause data loss or malfunction.



Prohibited

Use only a memory card supported by the phone

Failing to do so may cause data loss or malfunction.

The phone supports memory cards with a storage capacity of up to 1GB (as of July 2005).



Prohibited

Do not let infants use the video output cable
Keep the video output cable out of infants' reach

An injury may be caused if, for instance, the cable is wrapped around a neck.



Prohibited

Do not point the infrared port towards eyes while using the infrared communication or remote controller functions

Doing so may cause eye damage.



Prohibited

Do not use the mobile light close to eyes

Doing so may cause eye damage. Be especially careful not to take pictures or record videos with the mobile light too close to the eyes of infants.



Prohibited

Do not use excessive force when inserting or removing the USIM card

Doing so may cause a malfunction. Be careful not to injure a hand or finger when removing the card.



Prohibited

Use only a USIM card designated for the phone

Failing to do so may cause data loss or malfunction.



Prohibited

Do not remove the protective sheet from the external display

Using the phone without the protective sheet may result in an injury if the external display is damaged.

General Notes for Handling

Using Your Phone

- The phone employs radio waves. Signals may be disrupted even within service areas if you are indoors, underground, inside a tunnel or inside a vehicle. If you move to a location with poor signal reception, a call may be suddenly cut off.
 - When using the phone in public places, take care not to annoy other people around you. Use of the phone is prohibited in some public places such as in theatres or on buses and trains.
 - The phone is a radio transceiver under Japanese Radio Law. You may be requested to submit the phone for inspection based on this law.
 - Use of the phone near a landline phone, TV or radio may affect the image and sound quality of the equipment.
 - The phone employs a digital system to maintain a high level of communication quality even at very low signal levels. However, calls may be suddenly cut off when the signal strength becomes too weak.
 - The digital system provides a high level of privacy protection. However, the possibility of someone eavesdropping on your conversation cannot be ruled out as long as radio waves are used.
 - Data stored on the phone may be corrupted or lost when:
 - The phone is used improperly.
 - The phone is exposed to static electricity or electric noise.
 - The phone is turned off during operation.
 - The battery pack is completely discharged.
 - The phone malfunctions or is sent for repairs.
- Vodafone and Toshiba accept no liability whatsoever for the corruption or loss of stored data. Be sure to keep a backup of important data.
- Be sure to charge the battery pack before using the phone for the first time or if the phone has not been used for a long time. When the battery pack is stored for a long time, it discharges over time even if it is not used.
 - Before using a memory card, read the instruction manual of the memory card thoroughly to ensure safe and proper operation.
 - When the phone is used for extended periods of time, especially in high temperature conditions, the phone surface could become hot. Please use caution when touching the phone under such conditions.
 - When certain items are taken out of the country, documentation may be required to certify that the export of the items is not controlled, prohibited, or restricted by the Export Trade Control Order and Foreign Exchange Order. Basically, no such documentation is required if you take the phone out of the country and bring it back for the purpose of personal use when going on vacations or short business trips. In some cases, however, an export permit may be required if the phone is to be used by or transferred to anyone else.
- Furthermore, a US government export permit may be required when taking the phone to countries for which the US government has imposed export restrictions (Cuba, Libya, North Korea, Iran, Sudan, Syria).

For details on export laws, regulations and procedures, refer to the Web page of the Security Export Control Policy Division of the Ministry of Economy, Trade and Industry.

- If you have hearing aids, use of the phone may interfere with some operations of the hearing aids. If there is any interference, consult with the manufacturer or distributor of the hearing aids.

Inside Vehicles

- Do not use the phone while driving. Use of the phone while driving is prohibited by law.
- Before using the phone, stop the vehicle in a safe area where parking or stopping is permitted.

Aboard Aircraft

- Do not use the phone on an aircraft. Turn off the phone after cancelling any settings such as schedule and alarm settings that turn on the phone automatically. Do not turn the phone back on while you are on the aircraft. Use of the phone on an aircraft is prohibited by law.

Handling Basics

- Do not use the phone in extreme temperatures, direct sunlight and humid or dusty places.
- Do not drop the phone or subject it to excessive shock.
- To clean the phone, wipe it with a dry soft cloth. Do not use alcohol, thinner, benzene or other solvents. Doing so may cause discoloration and remove the printed logo.
- Take care not to expose the phone to rain, snow or high humidity. The phone, battery pack, charger, stereo handsfree headset and other optional accessories are not waterproof.

- Do not remove the battery pack while the power is turned on. Doing so may cause a malfunction.
- If the battery pack has been removed from the phone or the phone has not been charged for a long time, stored data and settings may be lost or altered. Vodafone and Toshiba accept no liability whatsoever for any damage or loss resulting from such negligence.
- The battery pack is a consumable item employing lithium ions. Replace the battery pack with a new one if the operation time becomes extremely short after it is fully charged. Buy a new battery pack designated for the phone.
- When disposing of a used battery pack after battery pack replacement or discontinued use of the phone, insulate the connectors with tape or place the battery pack into a plastic bag and then take it to your nearest Vodafone Shop or battery pack recycling cooperative store. Be sure to observe local regulations on the separate collection of used batteries, wherever applicable.
- Some phone display pixels may be missing or remain lit. This is not a defect or malfunction. If the display is left on for a long period of time, pictures may be permanently burned into it.
- Make sure the stereo handsfree headset is securely plugged into the earphone microphone jack. Failing to do so may generate noise on the other party's phone during calls.
- Do not turn the volume up too high when using the stereo handsfree headset. Prolonged exposure to high sound levels may impair hearing or sound leakage may annoy other people around you. Surrounding sounds may not be heard clearly while you are doing something such as walking resulting in an accident.



Li-ion

- When not using the earphone microphone jack and external connector, make sure they are covered with the caps. Otherwise, dust and water may enter the phone, resulting in malfunction.
- Hold the plug and do not pull the cord when unplugging the video output cable or stereo handsfree headset. Pulling the cord may cause damage or malfunction.
- Do not close the phone with the strap, video output cable or stereo handsfree headset inside. Doing so may cause malfunction or damage.
- The antenna of the phone is built into the body and does not protrude. Signal sensitivity may be reduced if you touch or cover the portion of the body containing the internal antenna (page 32). In particular, do not affix things like stickers onto this portion of the body.
- When you replace the phone or send it for repair, messages and other data stored in the phone cannot be transferred to another phone.
- Do not drop the USIM card or subject it to excessive shock. Doing so may cause a malfunction.
- Do not bend the USIM card or place a heavy object on it. Doing so may cause a malfunction.
- Do not allow the USIM card to get wet or leave it in places of high humidity. Doing so may cause a malfunction.
- Do not use or leave the USIM card in hot places such as near a fire or heater. Doing so may cause a malfunction.
- Avoid storing the USIM card in direct sunlight or hot and humid places. Failing to do so may cause a malfunction.
- Keep the USIM card out of infants' reach. Failing to do so may result in the USIM card being accidentally swallowed or cause an injury.

- Before using the USIM card, read the instruction manual of the USIM card thoroughly to ensure safe and proper operation.

Mobile Camera

- Be sure to observe proper etiquette when using the camera.
- Do not expose the camera lens to direct sunlight. Concentrated sunlight through the lens may cause the phone to malfunction.
- Be sure to try taking and previewing pictures before using the camera on important occasions like wedding ceremonies.
- Do not commercially use or transfer pictures taken with the camera without the permission of the copyright holder (photographer), except for personal use.
- Do not use the camera in locations where taking photos and recording videos are prohibited.

Mobile Light & External Light

- Do not use the mobile light in hot, cold or humid places. Doing so may shorten its life.
- The mobile light and external light have a limited life. Repeated use will decrease the light intensity.

Remote Controller

- A clear line of sight is required between the phone and the receiving device. Make sure curtains, sliding doors or other objects do not block the signal.
- The signal transmitted from the phone may be blocked if the receiving port is exposed to sunlight or fluorescent light.
- Not all infrared compatible devices may work with the remote control function.

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Right of Portrait

- Portrait right is the right of an individual to refuse to be photographed by others and protects from the unauthorized publication or use of an individual's photograph by others. Right of personality is a portrait right applicable to all citizens and right of publicity is a portrait right (property right) designed to protect celebrities' interests. Be careful when taking pictures with the phone camera. Photographing, publicizing and distributing photographs of citizens and celebrities without permission are illegal.

TOSHIBA CORPORATION

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5,416,797	5,778,338	5,490,165
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5,568,483	5,414,796	5,659,569
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FCC Notice

The handset may cause TV or radio interference if used in close proximity to receiving equipment. The FCC can require you to stop using the handset if such interference cannot be eliminated.

Information to User

This equipment has been tested and found to comply with the limits of a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications.

However, there is no guarantee that interference will not occur in a particular installation; if this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

1. Reorient/relocate the receiving aerial.
2. Increase the separation between the equipment and receiver.
3. Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
4. Consult the dealer or an experienced radio/TV technician for help.

Caution: Changes or modifications not expressly approved by the manufacturer responsible for compliance could void the user's authority to operate the equipment.

FCC RF Exposure Information

Your handset is a radio transmitter and receiver. It is designed and manufactured not to exceed the emission limits for exposure to radio frequency (RF) energy set by the Federal Communications Commission of the U.S. Government.

The guidelines are based on standards that were developed by independent scientific organisations through periodic and thorough evaluation of scientific studies. The standards include a substantial safety margin designed to assure the safety of all persons, regardless of age and health.

The exposure standard for wireless handsets employs a unit of measurement known as the Specific Absorption Rate, or SAR. The SAR limit set by the FCC is 1.6W/kg.

The tests are performed in positions and locations (e.g., at the ear and worn on the body) as required by the FCC for each model. The highest SAR value for this model handset when tested for use at the ear is 0.140W/kg and when worn on the body, as described in this user guide, is 0.553W/kg. Body-worn Operation; This device was tested for typical body-worn operations with the back of the handset kept 1.5cm from the body. To maintain compliance with FCC RF exposure requirements, use accessories that maintain a 1.5cm separation distance between the user's body and the back of the handset. The use of beltclips, holsters and similar accessories should not contain metallic components in its assembly.

The use of accessories that do not satisfy these requirements may not comply with FCC RF exposure requirements, and should be avoided.

The FCC has granted an Equipment Authorisation for this model handset with all reported SAR levels evaluated as in compliance with the FCC RF emission guidelines. SAR information on this model handset is on file with the FCC and can be found under the Display Grant section of <http://www.fcc.gov/oet/fccid> after searching on FCC ID SP2-CC4-S01.

Additional information on Specific Absorption Rates (SAR) can be found on the Cellular Telecommunications & Internet Association (CTIA) website at <http://www.phonefacts.net>.

European RF Exposure Information

Your mobile device is a radio transmitter and receiver. It is designed not to exceed the limits for exposure to radio waves recommended by international guidelines. These guidelines were developed by the independent scientific organization ICNIRP and include safety margins designed to assure the protection of all persons, regardless of age and health.

The guidelines use a unit of measurement known as the Specific Absorption Rate, or SAR. The SAR limit for mobile devices is 2 W/kg and the highest SAR value for this device when tested at the ear was 0.419W/kg*.

As mobile devices offer a range of functions, they can be used in other positions, such as on the body as described in this user guide**. In this case, the highest tested SAR value is 0.708W/ kg*. As SAR is measured utilizing the devices highest transmitting power the actual SAR of this device while operating is typically below that indicated above. This is due to automatic changes to the power level of the device to ensure it only uses the minimum level required to reach the network.

The World Health Organization has stated that present scientific information does not indicate the need for any special precautions for the use of mobile devices. They note that if you want to reduce your exposure then you can do so by limiting the length of calls or using a 'hands-free' device to keep the mobile phone away from the head and body. Additional Information can be found on the websites of the World Health Organization (<http://www.who.int/emf>).

* The tests are carried out in accordance with international guidelines for testing.

** Please see the <FCC RF Exposure Information> section about body worn operation.

DECLARATION OF CONFORMITY

We, **Toshiba Information Systems UK (Ltd)**, Mobile Communications Division
of **Toshiba Court**
Weybridge Business Park
Addlestone Road
Weybridge
KT15 2UL

declare under our sole responsibility that the product

V903T
Type (Model) Name is CC4 - S01
UMTS & GSM/DCS/PCS Terminal (Tri band 900, 1800 & 1900)

to which this declaration relates, is in conformity with the following standards and/or other normative documents.

3GPP TS 51.010-1, 3GPP TS 34.121, EN 301 489-1, EN 301 489-7, EN 301-489-24,
EN 300 328, EN 301 489-17, EN 60950 and EN 50360

We hereby declare that all essential radio test suites, EMC & safety requirements have been carried out and that the above named product is in conformity to all the essential requirements of Directive 1999/5/EC.

The conformity assessment procedure referred to in Article 10(5) and detailed in Annex IV of Directive 199/5/EC has been followed with the involvement of the following Notified Body(ies):

Cetecom GmbH, Im Teelbuch 122, 45219 Essen, Germany

Identification mark: **0682**

The technical documentation relevant to the above equipment will be held at:

Toshiba Information Systems UK (Ltd), Mobile Communications Division
Riverside Way, Camberley, Surrey, GU15 3YA

Name:- **Noritaka Tanigawa**

Title:- **Deputy Managing Director of TIU**
General Manager Mobile Communications Division

Signature:-



Date:- **20.7.2005**



Basic Operations

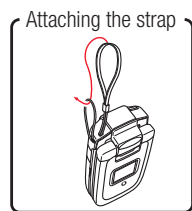
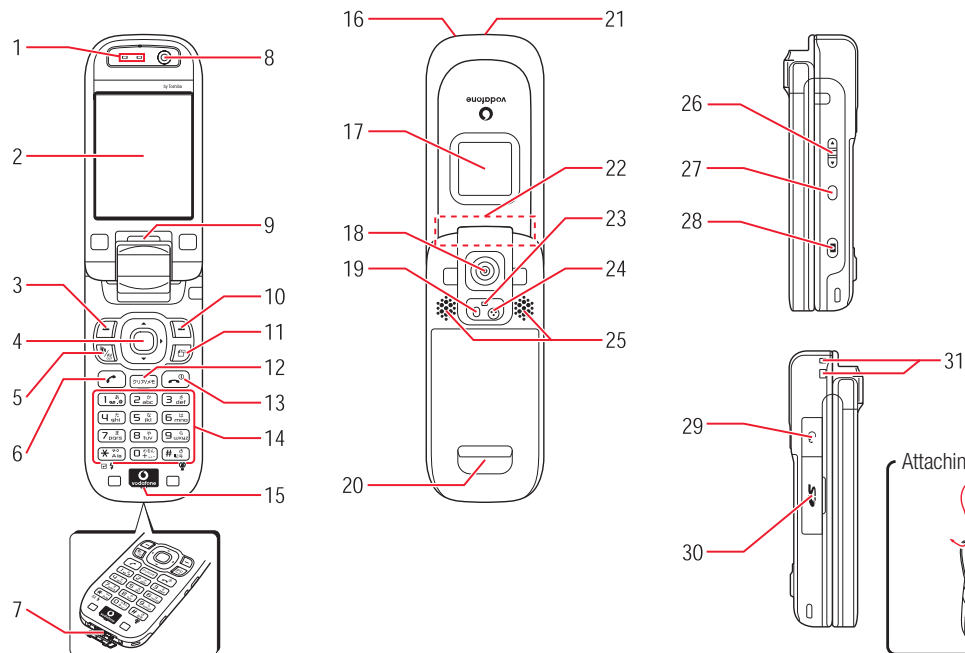
This chapter explains the basic operations and functions of your phone.

In This Chapter

- **Parts & Functions**
- **USIM Card**
- **Battery Pack**
- **Memory Cards**
- **Turning Power On/Off**
- **System Mode Setting**
- **Language Setting**
- **Date & Time Settings**
- **Accessing Functions**
- **Making a Call**
- **Answering a Call**
- **Engaged Call Operations**
- **Call Log**
- **Optional Services**
- **Text Entry**
- **Contacts List**

Parts & Functions

Phone



1. Earpiece

2. Main Display

3. Left Soft Key

Select items and access the Options menu. You can also use this key to access the Messaging menu from standby mode.

4. Navigation Key

Move the cursor up, down, left or right, access functions assigned to the navigation key, etc.

Centre Key

Display the Main menu from standby mode. You can use this key to confirm selected items and perform selected operations.

5. Video Call Key

Make and answer video calls.

6. Send Key

Make and answer calls.

7. Cable and Phone Charging Connector

Connect Rapid Charger and other devices.

8. Internal Camera Lens

Used for video calls, etc.

9. External Light

Flashes for incoming calls, messages, etc.

10. Right Soft Key

Return to the previous menu, cancel operations, etc. You can also use this key to access Vodafone live! from standby mode.

11. Multi Task Key

Use to switch to another function without ending the function currently in use.

12. Clear/Memo Key


Delete characters or return to the previous window. You can also use this key to access Answerphone from standby mode.


13. End/Power Key

Turn power on/off, end calls/operations and return to standby mode.

14. Keypad

Enter phone numbers, characters, etc.

To listen to the Voicemail service, press and hold  from standby mode.

To enter "+" for making an international call, press and hold  from standby mode.

*, , ↵ Key

Use to change the input mode, etc. You can also use this key to scroll to the previous page in a menu list or turn the mobile light on or off during camera use.

To set/cancel the key guard, press and hold  from standby mode.

#, ㊦, 記号, ㊦ Key

Enter symbols, etc. You can also use this key to scroll to the next page in a menu list.

To switch to Silent, press and hold  from standby mode.

15. Microphone

16. Charging Indicator

Lights during charging and goes out when charging is complete.

17. External Display

Notifies of incoming calls, received messages and other information while your phone is closed.

18. External Camera Lens

Used for taking pictures and recording videos.

19. Mobile Light

Used as a light when taking pictures or recording videos at night time or while indoors.

20. Camera Grip

21. Infrared Port

Used for exchanging data by infrared.

22. Internal Antenna

The antenna is built into your phone.

23. Camera/Video Indicator

Flashes when the camera or video is activated.

24. Second Microphone

Sound is recorded via this microphone when you record videos.

25. Stereo Speakers

26. Side Key /Side Key

Used for moving cursor up and down and adjusting the volume.

27. Side Key

Used as a shortcut key.

28. Side Key

Activate the camera, etc. This key also acts as the shutter button during camera use.

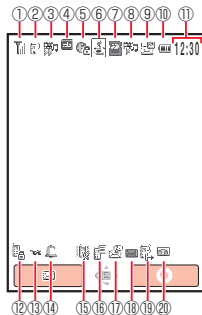
29. AV OUT/Earphone Microphone Jack

Connect a video output cable or stereo handsfree headset.

30. Memory Card Slot

Insert a memory card here.

31. Handstrap Hole



Main Display Indicators

① Signal Strength

- Strong
- Weak
- Moderate
- Faint

Out of Range

Offline Mode On

② Voice/Video Call

Dial-up Connection

Locating Position

Quick Positioning Activated/Paused

③ Streaming

Exchanging Data

Displaying Picture File with Location Information

Packet Transmission Ready

Packet Network Range

④ 3G [UMTS] Network Connection/Roaming

GSM Network Connection/Roaming

GPRS Network Connection/Roaming

Service Area of Operator Other than Vodafone


























⑤ Web SSL




Indicates a connection to an information page with security protection.










External Connection for Data Synchronisation

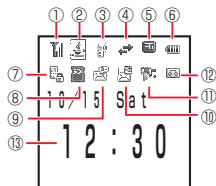
Bluetooth™ Connection Established/Connection Standby

Infrared Communication

- ⑥  **V-appli Activated/Paused**
- ⑦  **Memory Card Inserted/Write Protected**
- ⑧  **Media Player in Use**
 -  **Silent**
 -  **Car**
 -  **Meeting**
- ⑨  **Reception of High Priority MMS**
 -  **Reception of Rights Object**
Indicates the reception of a content key during operation.
 -  **New MMS/SMS**
 -  **WAP Push Message**
- ⑩  **Battery Level**
 -  Sufficiently charged
 -  Moderate
 -  Low
 -  Very Low
 -  Charge Immediately
-  **Charging**
- ⑪ **Time**
- ⑫  **Phone Lock Set**
 -  **Key Guard Set**
- ⑬  **Secret Mode On**
- ⑭  **Alarm Set**
- ⑮  **Silent and Vibration Set**
 -  **Silent Set**
 -  **Vibration Set**
- ⑯  **Information Prompt**

- ⑪  **New Voicemail Message**
 -  **Missed Call**
- ⑫  **SMS maximum for incoming messages**

Indicates Received Msgs. contains the maximum number of SMS messages.
- ⑬  **Call Diverting without Ringer Set for Voice Call**
 -  **Call Diverting without Ringer Set for Video Call**
 -  **Call Diverting without Ringer Set for Voice and Video Calls**
- ⑭  /  /  **Answerphone On and You Have a Message**
 -  /  /  **Answerphone Off and You Have a Message**



External Display Indicators

The external display allows you to confirm information when your phone is closed.

① **Signal Strength**

- Strong
- Moderate
- Weak
- Faint

Out of Range

Offline Mode On

② **V-appli Activated/Paused**

③ **Voice Call**

Dial-up Connection

Locating Position

Quick Positioning Activated/Paused

④ **Exchanging Data**

Packet Transmission Ready

Packet Network Range

⑤ **3G [UMTS] Network Connection/Roaming**

GSM Network Connection/Roaming





























GPRS Network Connection/Roaming

Service Area of Operator Other than Vodafone




⑥ **Battery Level**

- Sufficiently charged
- Moderate
- Low
- Very Low
- Charge Immediately

Charging

- ⑦  **Phone Lock Set**
 **Key Guard Set**
- ⑧   **Memory Card Inserted/Write Protected**
- ⑨  **New Voicemail Message**
 **Missed Call**
 **Silent and Vibration Set**
 **Silent Set**
 **Vibration Set**
- ⑩  **Reception of High Priority MMS**
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 Indicates the reception of a content key during operation.
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 **Silent**
 **Car**
 **Meeting**
- ⑫    **Answerphone On and You Have a Message**
   **Answerphone Off and You Have a Message**
 **External Connection for Data Synchronisation**
  **Bluetooth™ Connection Established/Connection Standby**
 **Infrared Communication**
 **Web SSL**
 Indicates a connection to an information page with security protection.
- ⑬ **Time**

Tip








To close the information prompt, press  (Back) or . To redisplay the information prompt later, press and hold .

Information Prompt

This feature notifies you of missed calls, unread messages or other unconfirmed information. If you have unconfirmed information, the information prompt appears in standby mode.

1. When the information prompt appears, select an item and press  (Select).

The information prompt contains the following items.

-  **Missed Calls:** Notifies of missed calls (page 57).
-  **New SMS:** Notifies of new SMS (page 151).
-  **New MMS:** Notifies of new MMS (page 142).
-  **New Push:** Notifies of new WAP Push messages (page 152).
-  **New Reports:** Notifies of unread report messages (pages 147, 153).
-  **Voicemail:** Notifies of new messages at the Voicemail Centre (page 61).
-  **Stop Snooze:** Notifies of an activated alarm set to repeat (page 265).

Opening & Closing Your Phone

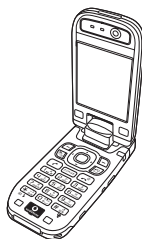
In addition to open style, you can use your phone in turnover style and self-portrait style.

Note

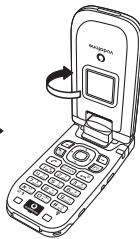
- Do not rotate display counterclockwise.
- Most descriptions in this manual are described in the open style.
- Do not carry your phone in turnover style. The main display may be damaged.

Tip

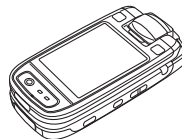
If you switch to turnover style during a voice or video call, the outgoing sound is muted.



Open your phone until the display is at an angle of 90 degrees to the keyboard.

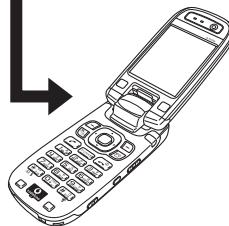


Rotate the display 180 degrees clockwise.



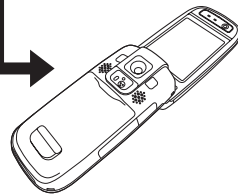
Turnover Style

Convenient for taking pictures and recording videos at high resolutions.



Open Style

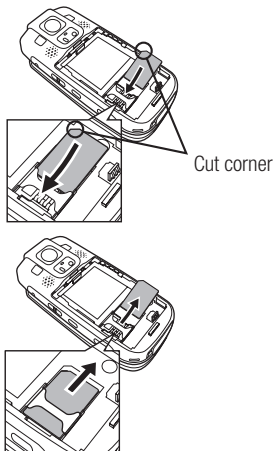
Open your phone until it reaches the stop position.



Self-portrait Style

Convenient for taking pictures of yourself.

USIM Card



Before using your phone, be sure to do the following.

- ◆ Insert the USIM card in your phone.
- ◆ Insert the battery pack in your phone (page 42).

About the USIM Card

The USIM card contains customer information such as your phone number. Only insert the USIM card in a USIM card compatible phone. If the USIM card is not inserted, the phone cannot be used. Do not touch or damage the IC when handling the USIM card.

Inserting & Removing the USIM Card

Before inserting or removing the USIM card, remove the battery pack. For details on removing the battery pack, see page 42.

1. Open the battery cover and remove the battery pack.
2. Insert the USIM card straight, making sure the IC portion is facing down (as shown in the illustration on the left).

To remove the USIM card, slide it out as shown on the left.

Personal Identification Number (PIN)

For security, the USIM card has two security codes: PIN 1 and PIN 2. Do not reveal them to other people or forget them.

PIN1

This is a four to eight digit security code to prevent others from using your phone. The default setting is "9999."

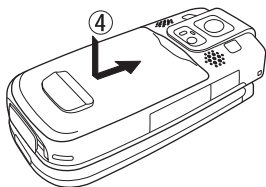
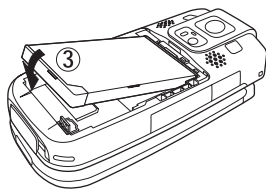
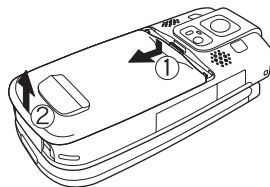
PIN2

This is the four to eight digit security code required for operations such as resetting Call Costs and setting Fixed Dialling Numbers. The default setting is "9999."

PUK (Personal Unblocking Key) Codes

PUK codes are required to cancel PIN1 lock and PIN2 lock. PIN1/PIN2 lock is set when an incorrect PIN1 or PIN2 is entered three times consecutively. To obtain the PUK1/PUK2 code, contact Vodafone General Information (page 317). If the PUK1/PUK2 code is incorrectly entered ten times in a row, the USIM card is locked. There is no way to cancel the USIM card lock. Contact Vodafone General Information (page 317).

Battery Pack



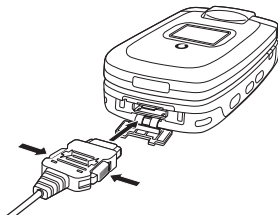
Before using your phone for the first time, charge the battery.

Inserting & Removing the Battery Pack

1. Press (portion indicated by ①) and slide the battery cover.
2. Lift off the battery cover.
3. Insert battery pack. Make sure to align bottom of the battery pack with the connector when inserting the battery pack.

To remove the battery pack, insert a fingernail beneath the side or bottom tab and lift out the battery pack.

4. Place the battery cover on your phone and slide it until it clicks into place.



Note

- The rapid charger supports a power supply of 100 to 240 V AC.
- The rapid charger plug is for use in Japan. To use the rapid charger in another country, purchase and use an appropriate adapter plug for the country. Vodafone accepts no liability whatsoever for any problem resulting from charging overseas.

Charging the Battery Pack

The charging time is approximately 140 minutes.

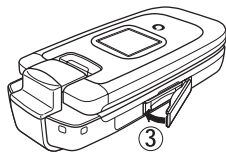
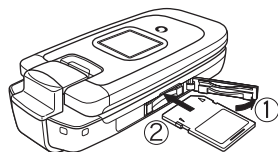
1. Open the external connector cover of your phone and insert the connector of the rapid charger.
2. Insert the rapid charger plug into an AC outlet. The charging indicator illuminates and charging begins.
3. After the charging indicator goes out, remove the rapid charger plug from the outlet. Press release buttons (on both sides of the connector) to remove the connector from your phone.

Memory Cards

About Memory Cards

You can save the pictures you take, videos you record and various downloaded files to a memory card.

- ◆ This manual refers to an SD memory card as a “memory card.”
- ◆ For details on saving files to a memory card, see the corresponding explanation for each function.
- ◆ Your phone supports memory cards with a storage capacity of up to 1GB (as of July 2005). There is no guarantee that all memory cards will work with your phone because an operation check has not been performed for all memory cards.



Inserting & Removing a Memory Card





1. Open the memory card slot cover.
2. Gently push a memory card into the slot until it clicks into position.
Gently push and release the memory card to eject it.
3. Close the memory card slot cover.

Note

- Do not use excessive force to open the memory card slot cover. Doing so may damage the cover.
- The memory card may pop out abruptly when removing it from your phone. Be cautious when ejecting the memory card.

Turning Power On/Off

Note

- The first time you power on the phone, you must set the date and time. Refer to “Date & Time Settings” (page 48).
- The first time you turn on the power, press , ,  or  in standby mode to retrieve the network information (page 257).
- Touching the internal antenna part of your phone affects signal strength. Avoid touching this part of your phone during use.

Turning Power On

1. Press and hold .

If the PIN1 code setting (page 245) is set to **On**, enter your PIN1 code.

Turning Power Off

1. In standby mode, press and hold .

System Mode Setting

Your phone is UMTS (3G)/GSM dual mode compatible. Before using your phone, set the system mode. For details on setting the system mode, see “Setting the System Mode” (page 254).

Language Setting







You can change the language displayed on your phone. For details on setting the language, see page 225.

Date & Time Settings

Tip

- You can enter a date from 2/1/2000 to 30/12/2099. Enter the time in accordance with the 24-hour system.
- You can switch the clock display between the 12-hour and 24-hour system (page 213).









Setting the Date & Time

1. In standby mode, press , select **Settings** and press  (Select).
2. Select **Phone Settings** and press  (Select).
3. Select **Date&Time** and press  (Select).
4. Select **Set Date/Time** and press  (Select).
5. Enter the year, month, day and time and press  (OK).

World Clock Setting


In addition to the date and time displayed in standby mode, you can set the world clock. For details on displaying the world clock, see page 273.

Setting the Home City/Alternate City

1. In standby mode, press , select **Settings** and press  (Select).
2. Select **Phone Settings** and press  (Select).
3. Select **Date&Time** and press  (Select).
4. Select **World Clock** and press  (Select).
5. Select **Set Home City** or **Set Alternate City** and press  (Select).
6. Use  to select a city and press .





A green circle indicates your home city on the map. A red circle indicates the alternate city.

Tip




If the DST setting is set to **On**, the  indicator appears on the display when you set (page 49) or display (page 273) the world clock. The  indicator or **DST** appears for the time displayed in standby mode.

Setting the GMT Offset

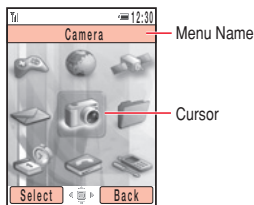
You can select a city by entering a GMT time difference.

1. After Step 5 of "Setting the Home City/Alternate City" (page 49), press  (Options).
2. Select **GMT Offset** and press  (Select).
If you press  (Options), you can select **+/-**.
3. Enter the time difference and press  twice.

Setting the Daylight Saving Time (DST)

1. After Step 5 of "Setting the Home City/Alternate City" (page 49), press  (Options).
2. Select **DST On/Off** and press  (Select).
3. Select **On** or **Off** and press  (OK).










Accessing Functions



Main Menu Screen

Accessing a Function from the Main Menu

1. In standby mode, press  to display the Main menu.
2. Use  to select an icon and press  (Select).

-  **V-appli:** Download and run a variety of applications such as games and 3D pictures (page 169).
-  **Vodafone live!:** Access the Vodafone live! menu and download pictures, melodies and applications (page 161).
-  **Navigation:** Check your current location and send the information in an MMS (page 183).
-  **Messaging:** Create MMS/SMS messages. You can also check received and sent MMS/SMS messages (page 135).
-  **Camera:** Take pictures and record videos (page 105).
-  **Data Folder:** Access saved files (page 193).
-  **Tools:** Access preinstalled functions (page 259).
-  **Phonebook:** Access and update the Contacts list (page 75).
-  **Settings:** Modify and confirm the settings of your phone (page 209).

Codes

Your security code, centre access code and call barring service code are required for using your phone.

Security Code

Your security code is “9999” or the four-digit number you selected when you concluded your contract. It is required to use functions and perform operations on your phone.

Centre Access Code

Your centre access code is the four-digit number you wrote on your application form when you concluded your contract. It is required to perform optional service operations from a fixed-line phone.

Call Barring Service Code

Your call barring service code is the four-digit number you selected when you concluded your contract. It is required to set call barring (page 65).

Making a Call

Tip

- In standby mode, enter a number and press  (Options) to perform the following:
 - **Voice Call:** Make a voice call.
 - **Video Call:** Make a video call (page 94).
 - **Save to Contacts:** Save the phone number to the Contacts list (page 76).
 - **Send Message:** Create an SMS/MMS message (pages 137, 149).
 - **Manual Hyphen:** Enter a "-".
 - **Pause:** Enter pause (P) for sending touch tones (page 280).
 - **International Call:** Adds the international code and country code (page 238).
 - **Hide My ID:** Hides your number from the other party (page 237).
 - **Show My ID:** Shows your number to the other party (page 237).
- You can also make a call from the Contacts list (page 85) or the call log (page 57).

1. Confirm that the power is on.

Confirm that the signal level is sufficient.


2. In standby mode, enter a phone number.

If you enter the wrong number, press  (Clear) or  to delete the last number entered.

3. Press .

4. Press  to end the call.

Making an International Call

1. In standby mode, press and hold .

+ appears.




2. Enter the country code, area code and other party's phone number.

If the other party's phone number begins with 0, omit the 0.


3. Press .

Answering a Call

Tip

- To adjust the ringtone volume while a call is being received, use  or the side keys ( and ).
- If you miss a call, the information prompt (page 38) appears.
- You can also use Open to Answer (page 236) or Any Key Answer (page 236) to answer a call.

Tip




- To answer a call while the answer message is playing or a caller's message is being recorded, press  (Answer).
- For details on playing recording files, see page 232.

When a call is received, the ringtone plays and the external light flashes. If the phone number is in the Contacts list (page 75), the name and phone number of the caller appear on the display.

1. Press .
2. Press  to end the call.


Placing an Incoming Call on Hold

You can place an incoming call on hold when you are unable to answer it right away.

1. Press  (Hold) when a call is received.
2. Press  (Unhold) to answer the call.
3. Press  to end the call.


Recording a Message with the Answerphone

You can record a caller's message when you are unable to answer a voice call. The Answerphone can save up to 3 messages and each message can be up to 15 seconds long.

1. Press and hold  when a call is received.

Rejecting a Call

You can manually reject an incoming call. To automatically reject calls from specific phone numbers, add the phone numbers to the Rejection list (page 242).

1. A call is received.
2. Press .

Engaged Call Operations

Tip





During voice calls, you can send/receive messages and access the Web in a 3G coverage area (UMTS area). This feature is unavailable for video calls.

Options Available during a Call

Press  (Options) during a call to perform the following.

- ◆ **Hold:** Place the call on hold.
- ◆ **Mute My Voice:** Mute the outgoing sound.
- ◆ **Mute All:** Mute both the outgoing and incoming sound.
- ◆ **Contacts List:** Allows you to reference the Contacts list (page 84).
- ◆ **Call Log:** Allows you to access the call log (page 57).
- ◆ **Voice Record:** Record the other party's voice (page 56).
- ◆ **My Details:** Displays the owner information (page 92).
- ◆ **DTMF Off/On:** Disable or enable DTMF tones.

Tip

- To adjust the earpiece volume in standby mode, press and hold  or  and use  to adjust the volume.
- For handsfree calling, press  to switch sound from earpiece to speaker.

Note

Only the other party's voice is recorded. Your voice is not recorded.

Tip

For details on playing Voice Record recordings, see page 269.






Earpiece Volume

Use the navigation key or side keys to adjust the earpiece volume (level 1 - 5).

1. Press  or a side key ( or ) during a call.



The current setting appears.

2. Use  or a side key ( or ) to adjust the earpiece volume.

Use ,  or  to increase the earpiece volume and use ,  or  to decrease the earpiece volume.

Recording Other Party's Voice




Voice Record allows you to record the other party's voice during a call. The maximum length of one recording during a call is 60 seconds.

1. Press  (Options) during a call.
2. Select **Voice Record** and press  (Select).

After the maximum length of recording time elapses or the call ends, recording stops and the recording data is saved to the Recordings folder automatically.

Call Log

Tip

- Press  from standby mode to directly access Dialed Numbers.
- Press  from standby mode to directly access Received Calls.
- From Dialed Numbers, Missed Calls or Received Calls, press  (Options) to perform the following:

View: See call details.

Voice Call: Make a voice call.

Video Call: Make a video call (page 94).

Send Message: Creates an SMS/MMS message (pages 137, 149).

Save to Contacts: Save to Contacts list (page 76).

To Rejection List: Save to Rejection list (page 242).

Delete: Delete the entry.

International Call: Add the international code and country code (page 238).

Hide My ID: (page 237).

Show My ID: (page 237).


Viewing Dialed Numbers/Missed Calls/Received Calls

You can view the last 20 dialed numbers, missed calls and received calls.

1. In standby mode, press , select **Phonebook** and press  (Select).
2. Select **Call Log** and press  (Select).






The Call Log screen appears.

3. Select **Dialed Numbers**, **Missed Calls** or **Received Calls** and press .

To switch from the Dialed Numbers screen to the Missed Calls screen or Received Calls screen, use .

Viewing Call Times

Viewing Last Call/All Calls

1. In standby mode, press , select **Phonebook** and press  (Select).
2. Select **Call Log** and press  (Select).
3. Select **Call Timers** and press  (Select).
4. Select **Last Call** or **All Calls** and press  (Select).

To reset the call time, select **Reset Timers**.

Note

The displayed call cost serves as a guide only and may differ from the actual call cost billed.

Viewing Call Costs

You can view the cost for the last call or the total costs for all calls. The data for the total costs is saved to the USIM card.

Viewing Last Call/All Calls

1. In standby mode, press , select **Phonebook** and press  (Select).
2. Select **Call Log** and press  (Select).
3. Select **Call Costs** and press  (Select).






The Call Costs list appears.

4. Select **Last Call** or **All Calls** and press  (Select).

To reset the call costs, select **Reset Costs**.



Setting the Currency

You can set the currency for call costs.

1. From the Call Costs list (above), select **Cost Unit** and press  (Select).
The currency and rate appear.
2. Press  (Change).
3. Enter your PIN2 code and press  (OK).
4. Enter a currency (three characters) and press .
5. Enter a rate and press  (OK).

Setting Call Cost Display






You can set whether to display the call cost after a call ends.

1. From the Call Costs list (page 59), select **Call Cost Display** and press  (Select).
2. Select **On** or **Off** and press  (Select).

Viewing Data Transfer Volume

You can view the packet communication data volume for the last session or all sessions.

Viewing Last Data/All Data


1. In standby mode, press , select **Phonebook** and press  (Select).
2. Select **Call Log** and press  (Select).
3. Select **Data Counter** and press  (Select).
4. Select **Last Data** or **All Data** and press  (Select).

To reset the data transfer volume, select **Reset Data Counts**.






Optional Services

For details on services, contact Vodafone General Information.




Voicemail

If you are unable to answer a call because your phone is out of range or a call is in progress, the call can be diverted to the Voicemail Centre. The  indicator appears on the standby screen when you have a new message.

Activating Voicemail


1. In standby mode, press , select **Settings** and press  (Select).
2. Select **Call Settings** and press  (Select).
3. Select **Voicemail** and press  (Select).
4. Select **Voicemail Settings** and press  (Select).

The Voicemail Settings screen appears.

5. Select **Registration** and press  (Select).
6. Select a diverting condition and press  (Request/Select).
 - ◆ **All Calls:** All calls are diverted. The ringer does not sound before calls are diverted.
 - ◆ **When Busy:** Press  (Divert) to divert an incoming call.
 - ◆ **Not Reachable:** Diverts a call when your phone is out of range or the power is off.
 - ◆ **No Answer:** Diverts a call if you do not answer it within the set time. Set the answer time.
 - ◆ **All Conditional:** Diverts a call that meets all of the above conditions except All Calls. Set the answer time.

After a network connection is established, the settings complete screen appears.

Tip






- To change the number for diverting calls to the Voicemail Centre or the number for accessing the Voicemail Centre to listen to voicemail, select **Voicemail Centre** after Step 4. However, do not change these numbers unless Vodafone informs you that they have been changed.
- To confirm the status of settings, select **Status** after Step 4 and press  (Request).

Tip

To listen to your voicemail from standby mode, press and hold



Listening to Your Voicemail

1. In standby mode, press , select **Settings** and press  (Select).
2. Select **Call Settings** and press  (Select).
3. Select **Voicemail** and press  (Select).
4. Select **Call Voicemail** and press  (Call).



Follow the voice prompts of the Voicemail Centre.

Deactivating Voicemail

1. From the Voicemail Settings screen (page 61), select **Deactivate** and press  (Request).

After a network connection is established, the settings complete screen appears.








Tip






- To confirm the current setting of all Call Divert types, select **Status** after Step 3 and press  (Request).
- To confirm the current setting of a Call Divert type, select **Status** after Step 4 and press  (Request).

Call Diverting

Forward incoming calls to a preset phone number.


Activating Call Divert

1. In standby mode, press , select **Settings** and press  (Select).
2. Select **Call Settings** and press  (Select).
3. Select **Call Diverting** and press  (Select).
4. Select a call type and press  (Select).
 - ◆ **All Services:** Set diverting condition for all call types.
 - ◆ **Voice Call:** Set diverting condition for voice calls.
 - ◆ **Video Call:** Set diverting condition for video calls.
 - ◆ **Fax:** Set diverting condition for fax communication.
5. Select a diverting condition and press  (Select).
 - ◆ **All Calls/All Faxes:** All calls are diverted to the preset number. The ringer does not sound before forwarding the call.
 - ◆ **When Busy:** Incoming call is diverted when you press  (Dial).
 - ◆ **No Answer:** Divert a call if you do not answer it within the set time. Set the answer time.
 - ◆ **Not Reachable:** Divert a call when your phone is out of range or the power is off.
 - ◆ **All Conditional:** Diverts a call that meets all of the above conditions except All Calls. Set the answer time.

6. Select an input method and press  (Select).
- ◆ **From Phonebook:** Allows you to select an entry from the Contacts list (page 84). Afterwards, press .
 - ◆ **Set Number:** Allows you to directly enter a phone number. Afterwards, press  (OK).
 - ◆ **From Call Log:** Allows you to select a phone number from the call log (page 57). Afterwards, press .
7. Press  (Set/Request).

After a network connection is established, the settings complete screen appears.


Deactivating Call Divert

1. After Step 3 of “Activating Call Divert” (page 63), select **Deactivate All** and press  (Request).

After a network connection is established, the settings complete screen appears and all call divert services are deactivated.

To stop call divert services individually, select **Deactivate** after Step 4 of “Activating Call Divert” (page 63) and press  (Request).

Tip

- You can still make calls to 110 (police), 119 (fire and ambulance) and 118 (coast guard) when the call barring service is activated.
- To confirm the status of the setting, select **Status** after Step 3 and press  (Request).




Call Barring

This service allows you to restrict outgoing and incoming voice calls, video calls and SMS messages.

Activating Call Barring

1. In standby mode, press , select **Settings** and press  (Select).
2. Select **Call Settings** and press  (Select).
3. Select **Call Barring** and press  (Select).

The Call Barring settings screen appears.



4. Select **Activate** and press  (Select).
5. Select **Outgoing Calls** or **Incoming Calls** and press  (Select).
6. Select a barring condition and press  (Request).

- ◆ **All Calls:** Stops all outgoing and incoming calls.
- ◆ **International Calls:** Stops all outgoing and incoming international calls.
- ◆ **Except Local/Home:** Stops all outgoing international calls except to Japan.

7. Enter your call barring service code (page 52).




After a network connection is established, the settings complete screen appears.

Deactivating Call Barring

1. From the Call Barring settings screen (page 65), select **Deactivate** and press  (Select).
2. Select **Outgoing Calls**, **Incoming Calls** or **All** and press  (Request).
3. Enter your call barring service code (page 52).

After a network connection is established, the settings complete screen appears.

Changing Your Call Barring Service Code

1. From the Call Barring settings screen (page 65), select **Change Password** and press  (Select).
2. Enter your current call barring service code (page 52).
3. Enter your new call barring service code and press  (OK).
4. Re-enter your new call barring service code for confirmation and press  (OK).

After a network connection is established, the settings complete screen appears.

Call Waiting

When you receive a call during a call, you can place the current call on hold and answer the incoming call. If the incoming call is from a caller whose phone number is in the Contacts list (page 75), the caller's name and phone number are displayed.

Tip

To confirm the current Call Waiting setting, select **Status** after Step 3 and press  (Request).

Activating Call Waiting




1. In standby mode, press , select **Settings** and press  (Select).
2. Select **Call Settings** and press  (Select).
3. Select **Call Waiting** and press  (Select).

The Call Waiting settings screen appears.

4. Select **Activate** and press  (Request).

After a network connection is established, the settings complete screen appears.

Using Call Waiting

1. The call waiting tone is heard during a call. The name and phone number of the caller appears on the display.
2. Press  (Options).
3. Select **Answer** and press  (Select) or .

The original caller is placed on hold and a connection is established with the second caller. Both names appear on the display.

4. Press  to switch between callers.

Deactivating Call Waiting

1. From the Call Waiting settings screen (page 67), select **Deactivate** and press  (Request).

After a network connection is established, the settings complete screen appears.

Note

The options that are available vary depending on the call status.

Multiparty Call

This service allows you to call other parties during a call and switch between the parties or talk to multiple parties simultaneously. Connect with up to 5 parties simultaneously. The phone numbers of all the parties appear on the display during the call. However, this service is unavailable for video calls.

1. Enter a phone number during a call and press .

The original party is placed on hold and you can talk to another party.

2. Press  (Options) to perform one of the following operations.

Swap: Allows you to change the party of a private call.

Multiparty: Allows you to perform the following operations.

- **Multiparty:** Allows you to talk to all parties simultaneously.
- **Private:** Allows you to talk to the selected party only (private call).
- **Hold:** Places the selected party on hold.
- **Hold All:** Places all the parties on hold.
- **End Call:** Ends the call with the selected party.
- **End All Calls:** Ends the call with all the parties.

Mute My Voice: Mutes the outgoing sound.

Mute All: Mutes all the outgoing and incoming sound.

Contacts List: Allows you to reference the Contacts list (page 84).

Call Log: Allows you to access the call log (page 57).



Voice Record: Records the other party's voice (page 56).

My Details: Displays owner information (page 92).

DTMF Off/On: Allows you to disable or enable the sending of DTMF tones.

Text Entry



Tip









- To switch between uppercase and lowercase after entering a character, press .
- To delete a character, press .

Text Entry Modes

Your phone has eight text entry modes.

Switching Text Entry Modes

1. From a text entry window, press  (Mode).
2. Select a text entry mode and press  (OK).

-  Kanji Conversion (Double-byte)
-  Uppercase English (Double-byte)
-  Lowercase English (Double-byte)
-  Uppercase English (Single-byte)
-  Lowercase English (Single-byte)
-  Number (Double-byte)
-  Number (Single-byte)
-  Katakana (Single-byte)



Note: From the Input Mode menu, the following are also available:

URL Generic domains

Pict Pictographs

(^_^) Emoticons





Tip

- To enter the ".@-_1" symbols, press .
- To enter the "~/?!0" symbols, press .

Tip

- To enter a symbol, press  once or twice in Step 1. To enter a pictograph, press  three times. To enter an alphanumeric character, press  four or five times.
- If  **Repeat** appears, you can press  in Step 2 and enter another symbol, pictograph or alphanumeric character.
- You can also enter a space from the symbol window.

Entering Characters



In English entry mode (, ,  or ) , each press of a key cycles through the letters and symbols assigned to the key.

Example: Entering "dog"

1. In a text entry window, press  once,  three times and  once.

Entering Symbols & Pictographs

You can enter symbols, pictographs and alphanumeric characters.

1. In a text entry window, press .
2. Select a character and press .



Note

Performing the Redo operation after the Undo operation takes you back to the state prior to performing the Undo operation.

Editing Text







Undo/Redo

During text input, you can undo and redo operations.

1. In a text entry window, enter characters.
2. Press  (Options), select **Undo/Redo** and press  (Select).

Copy/Cut

You can copy or cut a range of characters and store it in the clipboard. You can store up to 20 data items (excluding pictures) in the clipboard.

1. In a text entry window, press  (Options), select **Copy** or **Cut** and press  (Select).
2. Use  to move the cursor to the first character of the text range and press  (Start).
3. Use  to move the cursor to the last character of the text range and press  (End).








Paste

In a text entry window, you can paste characters stored in the clipboard.

1. In a text entry window, use  to position the cursor.
2. Press  (Options), select **Paste** and press  (Select).
3. Select the item from the clipboard and press .

Selecting Text Range


You can save selected characters to the Words list or Contacts list, or replace other characters with them.

1. In a text entry window, press  (Options), select **Define Range** and press  (Select).
2. Use  to move the cursor to the beginning of the text range and press  (Start).
3. Use  to move the cursor to the end of the text range and press  (End).
4. Select the editing method for the selected text and press  (Select).
 - ◆ **Save to Word List:** Saves the characters to the Words list.
 - ◆ **Save to Notepad:** Saves the characters to the notepad.
 - ◆ **Save to Contacts:** Saves the characters as a phone number or email address to the Contacts list.
 - ◆ **Convert:** Allows you to reconvert the characters to double-byte characters, single-byte characters, upper-case letters or lower-case letters.
 - ◆ **Replace:** Replaces content in the clipboard with the characters.
 - ◆ **Delete:** Deletes the characters.

Insert




You can select information from notepad (page 271), Contacts list (page 84) or My Details (page 92) and insert it during text entry. You can also insert a signature in an MMS or SMS message.

1. In a text entry window, use  to position the cursor.
2. Press  (Options), select **Insert** and press  (Select).

3. Select an item and press  (Select).
 - ◆ **Notepad:** Allows you to insert information saved to a notepad entry.
 - ◆ **Signature:** Inserts MMS Signature (page 147) or SMS Signature (page 153).
 - ◆ **Contact Details:** Allows you to insert information saved to a Contacts list entry.
 - ◆ **My Details:** Allows you to insert information saved to My Details (page 92).
 - ◆ **URL history:** Allows you to insert a recently entered URL.
 - ◆ **Phone number:** Inserts your phone number.






Move Cursor

You can move the cursor to the beginning or end.

1. In a text entry window, press  (Options), select **Move Cursor** and press  (Select).
2. Select **To End** or **To Top** and press  (Select).

Customise

You can configure the settings for editing characters.

1. In a text entry window, press  (Options), select **Customise** and press  (Select).
2. Select an item and press  (Select).
 - ◆ **Edit Word List:** Allows you to add an entry to the Words list. You can also reset the prediction function.
 - ◆ **Prediction:** Allows you to set whether to use the character conversion prediction function when entering characters in Kanji Conversion mode ().
 - ◆ **Input Method:** Allows you to switch to pager input.
 - ◆ **Font Size:** Allows you to change the font size.
 - ◆ **Line Feed:** Allows you to set whether to add and display a line feed at the  position.

Tip

To edit or delete Words list entries, press  in standby mode, select **Settings**, select **Phone Settings** and select **Words List**.

Contacts List

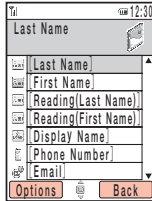


Phonebook Menu Screen

You can save up to 500 Contacts list entries to your phone. You can also save Contacts list entries to the USIM card and a memory card. The maximum number of entries you can save depends on the size of entries and available space in the USIM card or memory card.

- ◆ **Contacts List:** Displays the Contacts list.
- ◆ **Create Contact:** Allows you to add a new entry to the Contacts list.
- ◆ **Call Log:** Displays the Call Log screen (page 57).
- ◆ **Manage Category:** Displays the Category list for organising entries by category.
- ◆ **Manage Group:** Displays the Group list. Groups allow you to send the same message simultaneously to multiple addresses.
- ◆ **Send My vCard:** Converts the owner information to vCard format and sends it to an external device.
- ◆ **My Details:** Displays the owner information and allows you to edit the information.
- ◆ **Settings:** Allows you to add an entry to the Speed Calling list, set the storage place of the Contacts list, set the scroll speed for the Contacts List screen and set Phonebook Lock.
- ◆ **Memory Status:** Displays the number of Contacts list entries in your phone, USIM card and memory card.

Adding an Entry to the Contacts List





Create Contact Screen of the Phone's Contacts List

Note

- The entry cannot be saved unless information is entered in one of the following fields: Last Name, First Name, Phone Number or Email.
- Only a name, a phone number and an email address can be saved to each entry in the Contacts list of the USIM card.
- Picture, Sound Settings, Location and Note cannot be set for the Contacts list of a memory card.

Adding an Entry from the Main Menu

Add new entries from the Create Contact screen. You can set just the required items and modify items or set additional items later. For details about entering text, see page 70.

1. In standby mode, press , select **Phonebook** and press  (Select).
2. Select **Create Contact** and press  (Select).
3. Select an item and press .

The input screen for the selected item appears.

◆ Last Name

◆ First Name

◆ **Reading (Last Name):** Displays the reading of the last name automatically. You can edit the reading.

◆ **Reading (First Name):** Displays the reading of the first name automatically. You can edit the reading.

◆ **Display Name:** Displays the last name and first name you entered automatically. You can also edit the display name.

◆ **Phone Number:** Allows you to enter up to three phone numbers. You can enter up to 40 digits for each phone number.

◆ **Email:** Allows you to enter up to three email addresses.

◆ Postcode

◆ Country

◆ State

◆ City

Tip

- You can preset the default storage place for Contacts list entries. For details, see “Setting the Default Storage Place” (page 90).
- To clear an item you entered, select **Clear Field** after Step 5.

◆ Street Address

◆ **Add Info.:** Allows you to enter additional address information.

◆ **Job Title:** Allows you to enter a job title.

◆ **Company:** Allows you to enter a company name.

◆ Birthday

◆ **URL:** Allows you to enter a URL.




◆ **Category:** Allows you to set the category.

◆ **Picture:** Allows you to set a picture to appear on the display for an incoming call.



◆ **Sound Settings:** Allows you to set the ringtone and other settings for incoming calls.

◆ **Location:** Displays location information.

◆ **Note:** Allows you to enter a reminder.

4. Enter the item and press .
5. Press  (Options).
6. Select **Save** and press  (Select).

Adding an Entry from Standby Mode

1. In standby mode, enter a phone number and press .
2. Select **Add New Contact** and press  (Select).

To add the phone number to an existing Contacts list entry, select **Add to Existing**.

3. Proceed from Step 3 of “Adding an Entry from the Main Menu” (page 76).

Note








- Picture files without transfer permission cannot be set.
- If a video file is set as the ringtone, the video is displayed for incoming calls and the picture set as the incoming picture is not displayed.

Tip

To reset the picture setting, select **Remove Picture** after Step 4.

Incoming Settings

Setting a Picture

1. In Step 3 of “Adding an Entry from the Main Menu” (page 76), select **Picture** and press  (Options).
2. Select **Change Picture** and press  (Select).
3. Select **Take Picture** or **My Pictures** and press  (Select).
 - ◆ **Take Picture:** Activates the camera for you to take a picture. For details on taking pictures, see page 109. After taking a picture, press .
 - ◆ **My Pictures:** Allows you to select a picture from Data Folder (page 193).
To select a file, press .
4. Press  (Options).
5. Select **Save** and press  (Select).

Note








When the Mode Settings (page 217) is set to **Silent**, the ringtone does not play.

Tip

- If you select **Same as Phone** in Step 3, the sound settings will be the same as the corresponding settings of "Phone Profiles" (page 217). The external light setting will be the same as the corresponding setting of "Setting the Incoming External Light" (page 230).
- The video audio is set as incoming ringtone and image as incoming display.

Setting the Ringtone & Other Settings

You can set the incoming external light, ringtone volume, ringtone pattern, vibration and secret setting individually for each Contacts list entry.

1. In Step 3 of "Adding an Entry from the Main Menu" (page 76), select **Sound Settings** and press  (Options).
2. Select **Select** and press  (Select).
3. Select an item and press  (Select).
 - ◆ **External Light:** Allows you to set the external light colour for incoming calls. Select a colour and press  (Select).
 - ◆ **Ringtone Volume:** Allows you to set the ringtone volume for incoming calls. Select a type, select **Set** and set the volume.
 - ◆ **Ringtones:** Allows you to set the ringtone pattern for incoming calls or the ringtone duration for incoming messages. Proceed from Step 4 of "Personalising the Ringtone" (page 219).
 - ◆ **Vibration:** Allows you to set the vibration for incoming calls and messages. Select a type and select a vibration pattern.
 - ◆ **Secret Setting:** Allows the Contacts list entry to be displayed only if Secret mode (page 251) is set to **On**. Select either **On** or **Off**.
4. Press  (Back) once or twice to return to the Create Contact screen.
5. Press  (Options).
6. Select **Save** and press  (Select).











Note

Preset categories cannot be renamed.

Editing Categories

Your phone already has the following categories: **Business Card**, **Private**, **Business**, **VIP**, **Colleague** and **Favourites**. In addition, you can set your own categories. You can edit and set the options of categories. For each category, you can set the incoming external light, ringtone volume, ringtone pattern and vibration.

Creating a Category

1. In standby mode, press , select **Phonebook** and press  (Select).
2. Select **Manage Category** and press  (Select).
3. Select **<Empty>** and press .
4. Press  (Options).
5. Select **Edit** and press  (Select).
6. Enter the category name and press .
7. Select an icon and press  (Select).
8. Press  (Options).
9. Select **Save** and press  (Select).




Note

Preset categories cannot be deleted.



Note

The sound settings for individual entries (page 79) take priority over the option settings for a category.

Resetting a Category

1. After Step 2 of “Creating a Category” (page 80), select a category and press  (Options).
2. Select **Reset** or **Delete** and press  (Select).
A confirmation screen appears.
3. Press  (Yes).
All Contacts list entries for the deleted category are set to **No Category**.













Setting Options for a Category

1. After Step 3 of “Creating a Category” (page 80), select **Category Options** and press  (Options).
2. Select **Select** and press  (Select).
3. Proceed from Step 3 of “Setting the Ringtone & Other Settings” (page 79).




Setting Groups

You can set a group and then send messages to all members in the group. There are five groups and you can add up to ten members to each group. For details on using the Group list, see “Creating & Sending an MMS Message” (page 137).

Adding a New Member to a Group

1. In standby mode, press , select **Phonebook** and press  (Select).
2. Select **Manage Group** and press  (Select).
3. Select a group and press .
4. Select **<Empty>** and press  (Options).
5. Select **Add** and press  (Select).
6. Select **Name** and press .
7. Enter a name and press .
8. Select **Send to** and press .
9. Enter a phone number or email address and press .
10. Press  (Options).
11. Select **Save** and press  (Select).

Adding a New Group Member from the Contacts List

1. After Step 4 of “Adding a New Member to a Group” (above), select **Get Contacts** and press  (Select).
2. Select a member and press .
The details of the selected member appear.
3. Select a phone number or email address and press .

Note







Contact list entries with Secret Setting (page 79) set to **On** cannot be selected.

Tip




You can perform the following operations after Step 1.

- **View:** Displays the details of the member.
- **Delete:** Deletes the selected member.




Editing Group Members

1. After Step 3 of “Adding a New Member to a Group” (page 82), select a member and press  (Options).
2. Select **Edit** and press  (Select).
3. Select an item and press .
4. Enter information and press .
5. Press  (Options).
6. Select **Save** and press  (Select).

Renaming a Group

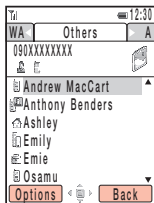
1. After Step 2 of “Adding a New Member to a Group” (page 82), select a group and press  (Options).
2. Select **Rename** and press  (Select).
3. Enter the group name and press .

Resetting a Group

1. After Step 2 of “Adding a New Member to a Group” (page 82), select a group and press  (Options).
2. Select **Reset** and press  (Select).
A confirmation screen appears.
3. Press  (Yes).

The group name is reset and all members are deleted from the group.

Using the Contacts List






Contacts List Screen




Tip



To display the Contacts list from standby mode, press .

Searching for an Entry in the Contacts List

1. In standby mode, press , select **Phonebook** and press  (Select).
2. Select **Contacts List** and press  (Select).

The Contacts list appears.

3. Press  (Options).
4. Select **Search by** and press  (Select).
5. Select a search method and press  (Select).

- ◆ **2-Touch:** Convenient for searching for Japanese names in Japanese language mode. For details, refer to the Japanese user manual.
 - ◆ **Reading:** Allows you to search for an entry from the Reading field. Enter a letter to search for names beginning with that letter.
 - ◆ **Phone Number:** Enter a number and press . A list of entries with phone numbers containing the number you entered is displayed.
6. Select an entry and press  to make a call to the default phone number.







Tip

To access the Web page, select the URL in the details screen of the entry, press  (Options) and select **Connect**.




Tip

If you selected an email address in Step 1, press  (Options) and select **Send MMS**.

Making a Call

1. In standby mode, press , select **Phonebook** and press  (Select).
2. Select **Contacts List** and press  (Select).
The Contacts list appears.
3. Select a Contacts list entry and press .
The details screen of the entry appears.
4. Select a phone number and press .
To make a video call, press .


Sending a Message

1. After Step 3 of “Making a Call” (above), select a phone number and press  (Options).
2. Select **Send Message** and press  (Select).
3. Select a message type and press  (Select).
 - ◆ **SMS**: Allows you to create an SMS message (page 149).
 - ◆ **MMS**: Allows you to create an MMS message (page 137).

Note

- Only Contacts list entries in your phone can be added to the Speed Calling list.
- Contact list entries with Secret Setting (page 79) set to **On** cannot be selected.

Tip

To delete a phone number saved to the Speed Calling list, select the phone number after Step 3 and press  (Delete).






Tip

- The speed calling number is indicated beside the entry in the Speed Calling list.
- If the Contacts list entry in the Speed Calling list contains more than one phone number, a call is made to the default phone number (page 88).


Using Speed Calling

In standby mode, you can make calls quickly and easily to phone numbers in the Speed Calling list. You can add up to nine phone numbers to the list.

Adding a Phone Number to the Speed Calling List





1. In standby mode, press , select **Phonebook** and press  (Select).
2. Select **Settings** and press  (Select).
3. Select **Speed Calling** and press  (Select).
4. Select **<Empty>** and press  (Add).
The Contacts list appears.
5. Select a Contacts entry and press .

Using Speed Calling to Make Calls



1. In standby mode, enter a speed calling number.
2. Press .

Using Send My vCard




You can convert the owner information appearing in My Details to vObject format (page 200) and send it by infrared or Bluetooth™.



1. In standby mode, press , select **Phonebook** and press  (Select).
2. Select **Send My vCard** and press  (Select).
3. Select a send method and press  (Select).
 - ◆ **Infrared:** Sends the information by infrared (page 290).
 - ◆ **Bluetooth:** Sends the information by Bluetooth™ (page 287).





Tip

- Alternatively, you can select an entry after Step 2, press  twice and press  (Edit).
- You can set the following options after Step 7. The available options vary depending on the item selected.
 - **Edit:** Allows you to re-edit the currently selected item.
 - **Select:** Allows you to select the category, ringtone and other options.
 - **Change Picture:** Allows you to change the picture.
 - **Change Type:** Allows you to change the phone number, email address, postal address and URL type.
 - **Set to Default:** Sets the selected phone number to the default phone number.
 - **Remove Picture:** Allows you to delete the picture.
 - **Reset Settings:** Allows you to reset the ringtone and other settings.
 - **Clear Field:** Deletes the selected item.
 - **Clear Category:** Clears the category setting.


Editing Contacts List Entries

1. In standby mode, press , select **Phonebook** and press  (Select).
2. Select **Contacts List** and press  (Select).

The Contacts list appears.
3. Select a Contacts list entry and press  (Options).
4. Select **Edit** and press  (Select).

The edit screen appears.
5. Select an item and press .
6. Edit the item and press .
7. Press  (Options).
8. Select the save method and press  (Select).
 - ◆ **Save:** Overwrites the original entry.
 - ◆ **Save as New:** Saves the edited entry as a new entry.

Options Available from the Contacts List

You can perform the following operations if you press  (Options) from the Contacts list.




- ◆ **View:** Displays the details screen for the selected entry.
- ◆ **Search by:** Select a search mode (page 84).
- ◆ **Edit:** Edit entries.
- ◆ **Delete:** Deletes one or all Contacts list entries.
- ◆ **Select Multi:** Select multiple entries to perform Delete, Copy, Move, Send vCard, View and Mark All operations on multiple Contacts list entries.
- ◆ **Send vCard:** Send an entry in vCard format. You can select the send method.
- ◆ **Memory Card:** View Contacts list entries saved to a memory card.
- ◆ **Phone/USIM:** View Contacts list entries saved to the phone and USIM card.
- ◆ **Sort by:** Allows you to change the entry order by item. You can select a sort option from **Birthday** or **Reading**.
- ◆ **Category Filter:** Search entries by category.

Setting the Contacts List

Setting the Default Storage Place






You can preset the default storage place for new Contacts list entries.

An indicator ( /  / ) at the top of the Contacts list screen (page 84) indicates the storage place of the Contacts list entry.

1. In standby mode, press , select **Phonebook** and press  (Select).
2. Select **Settings** and press  (Select).
3. Select **Default Storage** and press  (Select).
4. Select a default storage place and press  (Select).
 - ◆ **Always Ask:** Asks you to select the storage place each time you save a new entry.
 - ◆ **Phone Memory:** Saves all new entries to the Contacts list of your phone.
 - ◆ **USIM:** Saves all new entries to the Contacts list of the USIM card.
 - ◆ **Memory Card:** Saves all new entries to the Contacts list of a memory card.

Setting the Scroll Speed

You can set the speed for scrolling up and down in the Contacts list.

1. In standby mode, press , select **Phonebook** and press  (Select).
2. Select **Settings** and press  (Select).
3. Select **Scroll Speed** and press  (Select).
4. Select **Fast** or **Slow** and press  (Select).






Note

If Phonebook Lock is set to **On**, speed calling cannot be used to make calls.

Tip

If Phonebook Lock is set to **On** and you want to use the Contacts list, enter your security code (page 52) to temporarily cancel the setting.

Prohibiting Use of the Contacts List

1. In standby mode, press , select **Phonebook** and press  (Select).
2. Select **Settings** and press  (Select).
3. Select **Phonebook Lock** and press  (Select).
4. Select **On** and press  (Select).
5. Enter your security code (page 52).

Tip

You can also display owner information if you press  in standby mode and then press .

Confirming the Memory Status

You can display the number of Contacts list entries in each of your phone, USIM card and memory card.



1. In standby mode, press , select **Phonebook** and press  (Select).
2. Select **Memory Status** and press  (Select).

Owner Information

You can display and edit owner information such as the phone number and email address of your phone.

1. In standby mode, press , select **Phonebook** and press  (Select).
2. Select **My Details** and press  (Select).

The owner information appears.

3. Press  (Options).
4. Select **Edit** and press  (Select).

Perform Steps 3 and 4 of “Adding an Entry from the Main Menu” (page 76).

Video Call

In This Chapter

- **About Video Calls**
- **Making a Video Call**
- **Answering a Video Call**
- **Convenient Functions for Video Calls**
- **Video Call Settings**

About Video Calls

Note

- A video call is only possible in areas with 3G-network coverage.
- The video call function of your phone complies with the 3G-324M international standard for 3G mobile videophones.



Video Call Screen

A video call allows two parties with video call compatible phones to see each other's image during the call.


Indicators

The following indicators appear during video calls.

- 3G Area
- Video Call
- Mute
 - Mute My Voice
 - Mute All
- Picture Quality
 - Motion Prioritised
 - Standard Mode
 - Macro Mode
- Handsfree On
 - Handsfree
 - Handsfree (Bluetooth™ connection)
- Image Transfer Off
- Sending Picture
- Voice Connection Established
- Video Connection Established

Making a Video Call

Note


If a video call connection could not be established, a message appears and a warning tone plays. To make a voice call instead, press  (Yes).

Tip

You can also make a video call from the Contacts list (page 85) or call log (page 57).

1. In standby mode, confirm that the  indicator for indicating you are in an area with 3G-network coverage is displayed.
2. Enter a phone number and press .



When a connection is established, both you and the other party see each other's image and can begin talking. The sound automatically switches from the earpiece to the speaker.

When Appearance Check (page 103) is set to **On**, your image appears before the call is made. After you have checked the image, press  (OK).

3. Press  to end the call.



Answering a Video Call

Tip



- To perform the following operations, use the same procedures used for voice calls: Rejecting calls (page 54), diverting calls (page 63), Any Key Answer (page 236) and Open to Answer (page 236).
- To place an incoming call on hold, press . To answer a call placed on hold, press  (Unhold).

When a video call is received, the ringtone plays, the external light flashes and "Video Call" appears on the display.

1. A video call is received.

To check your image before beginning the call, press  (Options) when the call is received, select **Self-view** and press  (Select).

2. Press .

When a connection is established, both you and the other party see each other's image and can begin talking. The sound automatically switches from the earpiece to the speaker. However, if the phone profile (page 217) is set to Silent when a video call is received, the caller's voice is heard from the earpiece. To switch the sound from the earpiece to the speaker, press  () during a call.

To answer the call as a voice call, press  during incoming video call. The substitute picture set in the Outgoing Video settings (page 101) is sent to the other party.



3. Press to end the call.

Convenient Functions for Video Calls

The following convenient functions are available during calls.

Placing a Call on Hold






You can place a call on hold. While on hold, voice guidance notifies the other party that he/she has been placed on hold. The other party is also sent the picture preset for the Hold Guidance setting (page 103).





1. Press  (Options) during a call.
2. Select **Hold** and press  (Select).

To resume a call placed on hold, press  (Unhold).



Adjusting the Speaker Volume

You can adjust the speaker volume during a call.

1. Press a side key ( or ) during a call.
2. Use  or side keys ( and ) to adjust the volume.

Press  or a side key () to increase the volume level and press  or a side key () to decrease the volume level.


Turning On/Off the Outgoing Voice

You can turn on/off the outgoing voice during a call. To turn off the outgoing voice, press  during a call. To turn the outgoing voice back on, press  again.

Tip




If you have switched the sound to the earpiece (page 98), you can use this procedure to adjust the volume of the earpiece.

Tip





- To cancel mute, press  (Unmute).
- Switching to turnover style during a handsfree call mutes only the microphone. When using the handsfree stereo headset or a Bluetooth™ device as a microphone, mute is not available.

Setting Mute

You can mute the incoming voice and outgoing voice during a call.

1. Press  (Options) during a call.
2. Select **Mute** and press  (Select).
3. Select an item and press  (Select).
 - ◆ **Mute My Voice:** Mutes the outgoing voice.
 - ◆ **Mute All:** Mutes both the outgoing and incoming voice.

Switching between the Earpiece & Speaker

You can switch between the earpiece and speaker during a call. To switch between the earpiece and speaker, press  () or  () during a call.

Switching Cameras

You can switch between the external camera and internal camera during a call.

1. Press  (Options) during a call.
2. Select **External Camera** or **Internal Camera** and press  (Select).

Note





Zoom is disabled while sending a picture (page 100) or when image transfer is set to off.

Using Zoom



To use the zoom, press  during a call.

Switching Screen Display

You can select the screen display method during a call.









1. Press  (Options) during a call.
2. Select **Screen Settings** and press  (Select).
3. Select **Switch Screens** and press  (Select).
4. Select a display method and press  (Select).
 - ◆ **Priority Incoming:** Displays a large incoming screen and a small outgoing screen.
 - ◆ **Incoming Only:** Displays only the incoming screen.
 - ◆ **Priority Outgoing:** Displays a small incoming screen and a large outgoing screen.
 - ◆ **Outgoing Only:** Displays only the outgoing screen.

Turning On/Off the Outgoing Video

You can turn on/off the outgoing image of yourself during a call. To turn off the outgoing video, press  during a call. To turn the outgoing video back on, press  again.

Sending a Picture





You can send a picture in Data Folder during a call.

1. Press  (Options) during a call.
2. Select **Screen Settings** and press  (Select).
3. Select **Sending Picture** and press  (Select).
4. Select **My Pictures** and press  (Select).
5. Select a picture and press .
6. Use  to trim the picture and press .
7. Check the picture and press  (OK).

To cancel, press  (Stop).

Setting the Picture Quality

You can set the quality and motion speed of the incoming video.






1. Press  (Options) during a call.
2. Select **Screen Settings** and press  (Select).
3. Select **Picture Quality** and press  (Select).
4. Select the output format and press  (Select).
 - ◆ **Motion Prioritised:** Gives priority to video motion.
 - ◆ **Standard Mode:** Standard output format.
 - ◆ **Macro Mode:** Gives priority to picture quality.

Video Call Settings

You can set various video call settings.

Setting the Outgoing Image

You can preset the outgoing image to send during a video call.





1. In standby mode, press , select **Outgoing Video** and press  (Select).
2. Select an item and press  (Select).
 - ◆ **Camera Monitored:** Sends video images recorded during a call.
 - ◆ **My Pictures:** Allows you to select a picture to send from the Pictures folder of Data Folder. Select a picture, press  and then press  (Set).
 - ◆ **No Picture:** Sends a preinstalled picture in your phone.

Note


- The Auto Answer function for incoming video calls is only available while your phone is open. Incoming video calls are received as usual when your phone is closed.
- If a video call is received from a phone number in the Auto Answer list while Auto Answer is set to **On**, the Auto Answer tone plays and the call is answered automatically regardless of the Phone Profile (page 217) settings.

Setting Auto Answer for Video Calls

When the Auto Answer function for video calls is set, video calls received from phone numbers in the Auto Answer list (page 102) are answered automatically without having to press a key.







1. In standby mode, press , select **Auto Answer** and press  (Select).
2. Select **Mode Settings** and press  (Select).
3. Select **On** or **Off** and press  (Select).

Tip

To check, edit or delete the phone number, select the phone number and press  (Options) after Step 2.




Adding a Phone Number to the Auto Answer List for Video Calls

You can add up to ten phone numbers to the Auto Answer list. When a video call is received from a number saved in Auto Answer list, the call is automatically answered.

1. In standby mode, press , select **Auto Answer** and press  (Select).
2. Select **Auto Answer List** and press  (Select).
3. Press  (Add).
4. Enter your security code (page 52).
5. Select a phone number input method and press  (Select).
 - ◆ **From Phonebook:** Allows you to select a phone number from the Contacts list (page 84).
 - ◆ **Set Number:** Allows you to directly enter a phone number.
 - ◆ **From Call Log:** Allows you to select a phone number from the call log (page 57).To add a second or subsequent phone number, press  (Options) after Step 2. Then, select **Add** and proceed from Step 4.







Setting the Backlight

You can set whether the backlight is lit during an appearance check or video call.

1. In standby mode, press , select **Backlight** and press  (Select).
2. Select **On** or **Off** and press  (Select).

Hold Guidance Settings

You can set the picture displayed to the other party when you place an incoming video call or video call in progress on hold.

1. In standby mode, press , select **Hold Guidance** and press  (Select).
2. Select an item and press  (Select).
 - ◆ **Hold Answer:** Allows you to set the hold guidance for incoming calls.
 - ◆ **Hold during Call:** Allows you to set the hold guidance for calls in progress.
3. Select an image type and press  (Select).
 - ◆ **Preset Picture:** Allows you to set the default picture.
 - ◆ **My Pictures:** Allows you to select a picture from the Pictures folder of Data Folder. Select a picture, press  and then press  (Set).

Setting Appearance Check

This feature allows you to check your outgoing image before making a video call.

1. In standby mode, press , select **Appearance Check** and press  (Select).
2. Select **On** or **Off** and press  (Select).

Camera/Video Camera

You can take pictures and record videos and then save them, attach them to messages and display them on a TV. You can also edit pictures.

In This Chapter

- **Camera**
- **Pictures**
- **Videos**
- **Picture & Video Settings**

Camera



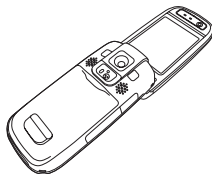
Turnover Style

Display position for Digital Camera and Camcorder



Open Style

Display position for Mobile Camera, For MMS and Short Video



Self-portrait Style

Display position for taking pictures and recording videos of yourself

Camera/Video Camera

You can use the camera to take pictures and record videos, as well as to scan QR codes (page 277).

Modes

Change the orientation of the phone according to the mode.

Modes for Taking Pictures

- ◆ **Digital Camera:** Allows you to take pictures at VGA (W640×H480) size or larger.
- ◆ **Mobile Camera:** Allows you to take pictures at QVGA (W240×H320) size or smaller for use as wallpaper, etc.
- ◆ **Scanner:** Allows you to scan QR codes. For details, see “Barcode” (page 276).

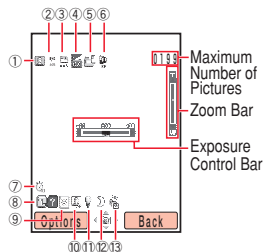
Modes for Recording Videos

- ◆ **Camcorder:** Allows you to record videos up to 20 minutes long. The recording time depends on the amount of available memory in the storage place.
- ◆ **For MMS:** Attach videos recorded in this mode to MMS messages.
- ◆ **Short Video:** Use this mode for sending video attachments to MPEG-4 compatible Vodafone mobile phones (PDC).

Note

Soft key indicators appear on the monitor screen when:

- You take pictures in Mobile Camera mode with the phone in open style or self-portrait style.
- You record videos in For MMS or Short Video modes with the phone in open style or self-portrait style.



Camera Monitor Screen

Indicators

Camera Indicators

① Camera Mode/Multi Shots:

- Digital Camera, Mobile Camera, Scanner,
- Internal Camera in Use, Multi Shots (High Speed), (Normal Speed), (Low Speed)

② Picture Size:

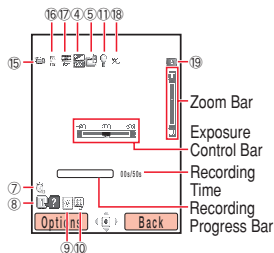
- W1600 × H1200, W1280 × H1024,
- W1024 × H768, W640 × H480,
- W240 × H320, W144 × H176,
- W120 × H160, W112 × H112,
- W96 × H128

③ Picture Quality: Fine, Normal, Economy

⑥ Focus Mode: Auto, Macro, Infinity

⑫ Night Mode

⑬ Auto Bracket



Video Monitor Screen

Video Camera Indicators

- ⑮ Record Mode: Record Mode, Internal Camera in Use
- ⑯ Video Size: W320 × H240, W176 × H144, W128 × H96
- ⑰ Video Quality: Super Fine, Fine, Normal
- ⑱ Voice Record Off
- ⑲ Status:
 - Standby, Recording, Stopped, Playing, Paused,
 - Forward, Rewind, Frame Forward, Frame Rewind

Camera & Video Camera Indicators




- ④ Exposure Control: ... -2.0 ... ±0 ... +2.0
- ⑤ Storage Place: Phone, Memory Card
- ⑦ Delay Timer: 5 sec., 10 sec., 20 sec.
- ⑧ Guide Display
- ⑨ White Balance:
 - Daylight, Shade, Cloudy, Fluorescent, Tungsten
- ⑩ Self-view
- ⑪ Mobile Light

Viewing Images on a Television

You can view pictures/videos on a TV. The TV systems supported by your phone are the NTSC and PAL systems. The SECAM system is not supported. For details, see "Displaying Files on a TV" (page 198).


Confirming the Memory Status

You can confirm the usage status of your phone and a memory card.

1. In standby mode, press , select **Camera** and press  (Select).
2. Select **Memory Status** and press  (Select).




Pictures

Tip

- If the Preview setting (page 131) is set to **On**, you can preview the image after it has been saved.
- If the picture was taken in Digital Camera, you can enlarge or reduce the captured image.
- To capture another image, press  (Back) or a side key ().
- To end the camera, press  or press and hold the side key ().
- To set the Full Screen setting after capturing image, press  (Options) and select **Full Screen**.

Taking a Picture




There are two modes for taking pictures: Digital Camera and Mobile Camera (page 110). You can also edit the pictures you take and set them for Contacts list entries.

1. In standby mode, press the side key ().
2. Frame the subject and press  or a side key ().

The shutter clicks and the picture is saved to the preset storage place (page 128).

Deleting a Picture

You can delete the picture displayed after capturing image.

1. Press  (Options) after capturing image.
2. Select **Delete** and press  (Select).
3. Press  (Yes).







Note






If the Preview setting (page 131) is set to **Off**, the picture cannot be sent.

Send Functions

1. Press  after capturing image.
2. Select a send method and press  (Select).
 - ◆ **As MMS:** Allows you to send the picture attached to an MMS message (page 137).
 - ◆ **Via Infrared:** Allows you to send the picture by infrared (page 290).
 - ◆ **Via Bluetooth:** Allows you to send the picture by Bluetooth™ (page 287).

Key Operations

You can adjust the exposure and zoom before capturing image. To adjust the exposure, press  to make the picture darker and press  to make the picture lighter. To adjust the zoom, press  or a side key () to zoom in and press  or a side key () to zoom out.

To adjust the exposure while in the turnover style, press a side key () , select **Advanced** and press a side key () . Then, select **Exposure Control** and press a side key () . Press a side key () to make the picture darker and press a side key () to make the picture lighter.

Picture Sizes




For details on setting the picture size, see “Changing the Picture Size” (page 125).

- ◆ **Digital Camera:** Allows you to select a picture size from W1600 × H1200, W1280 × H1024, W1024 × H768 and W640 × H480.
- ◆ **Mobile Camera:** Allows you to select a picture size from W240 × H320, W144 × H176, W120 × H160, W112 × H112 and W96 × H128.

Note



If the Preview setting (page 131) is set to **Off**, the picture cannot be sent.

Viewing a Picture

1. Press  (Options) before capturing image.
2. Select **My Pictures** and press  (Select).
3. Select a picture and press .

Default Recipient for MMS

Capture a picture and send it to a pre-saved address. You can set one address as the Default Recipient (page 148).



1. After you take a picture in turnover style, press a side key ().
2. Select **As MMS** and press a side key (.

If a picture taken in Digital Camera mode exceeds 300 KB, the picture size or file size is reduced/compressed automatically.

Tip

For details on changing the picture size in Digital Camera and Mobile Camera, see page 110.

Tip

To adjust the focus when Auto is set, press  or half press a side key () before capturing image. After the focus is adjusted, the complete sound is heard and the focus is locked.




Note

- If night mode is set, Auto of focus mode is unavailable.
- If multi shots or auto bracket is set, night mode is unavailable.




Functions for Taking Pictures

Switching Camera Modes

For details on camera modes, see "Modes for Taking Pictures" (page 105).


1. Press  (Options) before capturing image, select **Camera Mode** and press  (Select).
2. Select **Digital Camera**, **Mobile Camera** or **Scanner** and press  (Select).

Focus Mode

1. Press  (Options) before framing subject, select **Focus Mode** and press  (Select).
2. Select an item and press  (Select).
 - ◆ **Auto**: Adjusts the focus automatically.
 - ◆ **Macro**: Suitable for taking a picture of a subject that is very close to you.
 - ◆ **Infinity**: Suitable for taking a picture of a subject that is very far away from you.

Night Mode

You can use this mode for taking pictures at night, etc.

1. Press  (Options) before capturing image, select **Night Mode** and press  (Select).
2. Select **On** or **Off** and press  (Select).

Note

- Multi shots is unavailable for taking pictures in Digital Camera mode.
- If auto bracket is set, multi shots is unavailable.
- If multi shots is set, the zoom cannot be adjusted.




Note

When taking pictures in Digital Camera mode or at the W96 × H128 size, a frame cannot be set.

Multi Shots

You can take nine pictures in succession.

1. Press  (Options) before capturing image, select **Multi Shots** and press  (Select).
2. Select **High Speed**, **Normal Speed**, **Low Speed** or **Off** and press  (Select).

To delete a picture taken while multi shots is set, press  (Options), select **Delete**, select the picture, press  to add a check mark, press  (Options) and select **Delete**.

Frame Setting

You can select a frame before you take a picture. For details on setting a frame afterwards, see page 116.

1. Press  (Options) before capturing image, select **Add Frame** and press  (Select).
2. Select **Preset Frames**, **My Pictures** or **Off** and press  (Select).

A list of frames appears.

3. Select a frame from the list and press .

The frame appears in the monitor screen.



Press  or  to display the previous frame and press  or  to display the next frame.

4. Press  (OK).

Note





- When taking pictures in Digital Camera, auto bracket cannot be set.
- If multi shots is set, auto bracket is unavailable.
- If auto bracket is set, the zoom cannot be adjusted.

Tip

To delete a picture, select a picture after Step 2 of "Deleting a Picture" (page 109), press  to add a check mark, press  (Options) and select **Delete**.

Auto Bracket


You can take three pictures of the same subject at different exposure levels. By comparing all three pictures, you can choose the optimal exposure level.

1. Press  (Options) before capturing image, select **Advanced** and press  (Select).
2. Select **Auto Bracket** and press  (Select).
3. Select **On** or **Off** and press  (Select).

Additional Functions for Taking Pictures

- ◆ Self-view (page 128)
- ◆ Storage Place (page 128)
- ◆ Delay Timer (page 129)
- ◆ Mobile Light (page 129)
- ◆ White Balance (page 130)
- ◆ Exposure Control (page 130)

Tip

You can perform the following operations if you press  (Options) after Step 3.












- **Cut:** Trims the image to fit the selected picture size.
- **Fit to Width:** Resizes the picture to fit the width of the selected picture size.
- **Fit to Length:** Resizes the picture to fit the height of the selected picture size.

Editing a Picture

You can edit the picture after capturing image using Mobile Camera or pictures saved to Data Folder. You can edit any picture with 100,000 pixels or less saved in JPEG or PNG format. Pictures taken in Digital Camera mode can only be saved as thumbnails.





Changing the Picture Size

You can change the sizes of the pictures you take.

1. Press  (Options) after capturing image, select **Edit Picture** and press  (Select).
2. Select **Picture Size** and press  (Select).
3. Select a picture size or **Define** and press  (Select).
A rectangle frame indicates the picture size.
If you selected **Define**, enter a picture size (W16 to 240 × H16 to 320) and press  (OK).
4. Use  to adjust the position of the picture within the dotted line and press .
5. Press  (OK) and .
6. Select a save method and press  (Select).
 - ◆ **Save:** Overwrites the file of the original picture.
 - ◆ **Save as:** Saves the picture as a new file. Enter a file name and press .

Adding a Frame


You can add frames to the pictures you take. You can select a frame from preinstalled frames or frames saved to Data Folder.

1. Press  (Options) after capturing image, select **Edit Picture** and press  (Select).
2. Select **Add Frame** and press  (Select).
3. Select **Preset Frames** or **My Pictures** and press  (Select).





If you selected **Preset Frames**, select a frame size and press  (Select).

4. Select a frame and press .



The framed picture appears.

If the frame size and picture size differ, you can use  to adjust the position of the frame.

To switch to another frame, press  or .











5. Press  (OK) and .
6. Select a save method and press  (Select).
 - ◆ **Save:** Overwrites the file of the original picture.
 - ◆ **Save as:** Saves the picture as a new file. Enter a file name and press .

Tip

- To paste the same stamp again, press  (Options) after Step 5 and select **Continue**.
- To undo the pasting of a stamp, press  (Options) after Step 5 and select **Undo All**.

Adding a Stamp

You can paste stamps on the pictures you take. You can select a stamp from preinstalled stamps or stamps saved to Data Folder.






1. Press  (Options) after capturing image, select **Edit Picture** and press  (Select).
2. Select **Add Stamp** and press  (Select).
3. Select **Preset Stamps** or **My Pictures** and press  (Select).
4. Select a stamp and press .
5. Use  to adjust the paste position and press .
6. Press  twice.
7. Select a save method and press  (Select).
 - ◆ **Save:** Overwrites the file of the original picture.
 - ◆ **Save as:** Saves the picture as a new file. Enter a file name and press .

Adding Text

You can add text to the pictures you take.









1. Press  (Options) after capturing image, select **Edit Picture** and press  (Select).
2. Select **Add Text** and press  (Select).
3. Select **Large Font**, **Standard Font** or **Small Font** and press  (Select).
4. Select a font colour and press  (Select).
5. Enter text and press .

You can enter up to 9 characters with the large font, 12 characters with the standard font and 20 characters with the small font.

6. Use  to adjust the paste position and press  (Paste).
7. Press .
8. Select a save method and press  (Select).
 - ◆ **Save:** Overwrites the file of the original picture.
 - ◆ **Save as:** Saves the picture as a new file. Enter a file name and press .



Rotating a Picture

You can rotate and then save the pictures you take.

1. Press  (Options) after capturing image, select **Edit Picture** and press  (Select).
2. Select **Rotate Image** and press  (Select).
3. Select an angle and press  (Select).
 - ◆ **90 degrees:** Rotates the picture 90 degrees clockwise.
 - ◆ **180 degrees:** Rotates the picture 180 degrees.
 - ◆ **270 degrees:** Rotates the picture 270 degrees clockwise (90 degrees anticlockwise).
4. Press  (OK) and .
5. Select a save method and press  (Select).
 - ◆ **Save:** Overwrites the file of the original picture.
 - ◆ **Save as:** Saves the picture as a new file. Enter a file name and press .

Saving Thumbnails

Save pictures taken in Digital Camera mode as thumbnails. Pictures saved as thumbnails can be attached to messages.

1. Press  (Options) while a picture is displayed.
2. Select **Save Thumbnail** and press  (Select).

The thumbnail is saved automatically to the Pictures folder of Data Folder.

Tip

Some pictures cannot be saved as thumbnails.

Saving to a Contact Entry

You can register a picture taken in Mobile Camera mode at the W112 × H112 size (page 125) to a Contacts list entry.

1. After you take a picture at the W112 × H112 size, press  (Options) after capturing image, select **Assign to Contact** and press  (Select).
2. Select **Add New Contact** and press  (Select).

To add the picture to an existing Contacts list entry, select **Add to Existing**.






3. Proceed from Step 3 of “Adding an Entry from the Main Menu” (page 76).

Videos

Note




If the recording mode is set to For MMS or Short Video, recording cannot be paused.

Tip





- If the Preview setting (page 131) is set to **On**, the first frame of the video appears after recording a video.
- To record another video, press  (Back) or a side key () after recording the first video.
- To end the video camera, press  or press and hold a side key ().
- To set a video as the incoming ringtone (page 79), press  (Options) from the preview screen after recording ends and select **Assign to Contact**. Only videos recorded in For MMS and Short Video can be set as an incoming ringtone.



Recording a Video

You can use the camera to record videos. There are three modes for recording videos: Camcorder, For MMS and Short Video (page 124).

1. In standby mode, press and hold the side key ().
2. Display the subject and press  or a side key (.




The start sound is heard and recording begins.

In Camcorder mode, press  or a side key () to pause recording and press  or a side key () to resume recording.

3. Press  or a side key (.

The end sound is heard and the video is saved to the preset storage place (page 128).



Deleting a Video

1. Press  (Options) after recording a video.
2. Select **Delete** and press  (Select).
3. Press  (Yes).







Note






- Videos recorded in Camcorder cannot be sent.
- If the Preview setting (page 131) is set to **Off**, the video cannot be sent.

Send Functions

1. Press  after recording a video.
2. Select a send method and press  (Select).
 - ◆ **As MMS:** Allows you to send the video attached to an MMS message (page 137).
 - ◆ **Via Infrared:** Allows you to send the video by infrared (page 290).
 - ◆ **Via Bluetooth:** Allows you to send the video by Bluetooth™ (page 287).

Key Operations

You can adjust the exposure and zoom before recording a video. To adjust the exposure, press  to make the video darker and press  to make the video lighter. To adjust the zoom, press  or a side key () to zoom in and press  or a side key () to zoom out.

To adjust the exposure while in the turnover style, press a side key () , select **Advanced** and press a side key () . Then, select **Exposure Control** and press a side key () . Press a side key () to make the video darker and press a side key () to make the video lighter.

Video Sizes

- ◆ **Camcorder:** Records at the W320 × H240 video size. You can save up to 20 minutes of video to your phone or a memory card. The recording time depends on the amount of available memory in the storage place.
- ◆ **For MMS:** Records at the W176 × H144 video size. You can send videos attached to MMS messages.
- ◆ **Short Video:** Records at the W128 × H96 video size. You can send videos attached to MMS messages to MPEG-4 compatible Vodafone mobile phones (PDC).

Note

The forward, rewind, frame forward, frame rewind and slow playback features are unavailable for videos recorded in For MMS or Short Video.

Tip

To pause a video during playback, press . When a video is paused, press for frame forward, press and hold for slow playback and press for frame rewind.

Note

If the Preview setting (page 131) is set to **Off**, the video cannot be sent.

Playing a Video

1. Press (Options) before recording a video.
2. Select **My Videos** and press (Select).
3. Select a video and press .

Press and hold to forward the video and press and hold to rewind the video.

Press or a side key () to increase the playback volume and press or a side key () to decrease the playback volume.

Default Recipient for MMS


Record a video and send it to a pre-saved address. You can set one address as the Default Recipient (page 148).

1. After you record a video in turnover style, press a side key () after recording a video.
2. Select **As MMS** and press a side key ()




Functions for Recording Videos

Switching Record Modes

For details on record modes, see “Modes for Recording Videos” (page 105).

1. Press  (Options) before recording a video, select **Record Mode** and press  (Select).
2. Select **Camcorder**, **For MMS** or **Short Video** and press  (Select).

Recording Sound

1. Press  (Options) before recording a video, select **Voice Record** and press  (Select).
2. Select **On** or **Off** and press  (Select).

Additional Functions for Recording Videos








- ◆ Self-view (page 128)
- ◆ Storage Place (page 128)
- ◆ Delay Timer (page 129)
- ◆ Mobile Light (page 129)
- ◆ White Balance (page 130)
- ◆ Exposure Control (page 130)

Picture & Video Settings




Settings for Taking Pictures

Changing the Picture Quality

You can change the picture quality for camera modes.

1. In standby mode, press , select **Camera** and press  (Select).
2. Select **Settings** and press  (Select).
3. Select **Camera Settings** and press  (Select).
4. Select **Picture Settings** and press  (Select).
5. Select **Picture Quality** and press  (Select).
6. Select **Fine**, **Normal** or **Economy** and press  (Select).

Changing the Picture Size

1. After Step 4 of "Changing the Picture Quality" (above), select **Picture Size** and press  (Select).
2. Select **Digital Camera** or **Mobile Camera** and press  (Select).
3. Select a picture size and press  (Select).




For details on picture sizes, see page 110.

Note

When taking pictures in Digital Camera mode or at the W112 × H112 size, a date stamp cannot be added.

Date Stamp

You can add a date stamp to pictures.

1. After Step 4 of “Changing the Picture Quality” (page 125), select **Date Stamp** and press  (Select).
2. Select **On** and press  (Select).
3. Select a date colour and press  (Select).

Displaying a Grid

You can display horizontal and vertical gridlines on the monitor screen to use as a vertical and horizontal guide for taking pictures.

1. After Step 3 of “Changing the Picture Quality” (page 125), select **Screen Settings** and press  (Select).
2. Select **Grid** and press  (Select).
3. Select **On** or **Off** and press  (Select).

Shutter Sound


You can set the shutter sound.

1. After Step 3 of “Changing the Picture Quality” (page 125), select **Shutter Sound** and press  (Select).
2. Select **Pattern 1** or **Pattern 2** and press .

Note








The maximum recording time varies depending on the video quality setting.

Tip

To set the Full Screen setting after capturing image and recording a video, press  (Options) and select **Full Screen**.

Settings for Recording Videos

Changing the Video Quality

1. In standby mode, press , select **Camera** and press  (Select).
2. Select **Settings** and press  (Select).
3. Select **Video Settings** and press  (Select).
4. Select **Movie Settings** and press  (Select).
5. Select **Video Quality** and press  (Select).
6. Select **Super Fine**, **Fine** or **Normal** and press  (Select).




Switching Image to Full Display

You can use the full display to view images.

1. After Step 3 of "Changing the Video Quality" (above), select **Screen Settings** and press  (Select).
2. Select **Screen Display** and press  (Select).
3. Select **Normal** or **Full Screen** and press  (Select).

Display Indicators

You can set display indicators on or off.

1. After Step 3 of "Changing the Video Quality" (above), select **Screen Settings** and press  (Select).
2. Select **Controller Display** and press  (Select).
3. Select **On** or **Off** and press  (Select).

Start & End Sounds




You can set the start and end sounds.

1. After Step 3 of “Changing the Video Quality” (page 127), select **Start/End Sounds** and press  (Select).
2. Select **Pattern 1** or **Pattern 2** and press .

Settings for Pictures & Videos




Self-view


This feature allows you to view the monitor screen while you take pictures or record videos. In self-portrait style, you can use the internal camera or external camera. In turnover style and open style, you can use the internal camera. For details on styles, see page 39.

1. Press  (Options) from the monitor screen, select **Self-view** and press  (Select).
2. Select **Internal Camera**, **External Camera** or **Off** and press  (Select).

Storage Place

You can set the storage places to which to automatically save pictures and videos.

1. Press  (Options) from the monitor screen, select **Save Image to** or **Save Video to** and press  (Select).
2. Select **Phone Memory** or **Memory Card** and press  (Select).





If more than one folder is available for selection as the storage place, select a folder and press  (Select).

Note

All pictures taken in Digital Camera are saved to the Digital Camera folder.





Delay Timer

This feature allows you to take a picture or start recording after a specified time elapses.

1. Activate Camera or Video and press  (Options), select **Advanced** and press  (Select).
2. Select **Delay Timer** and press  (Select).
3. Select **5 sec**, **10 sec**, **20 sec** or **Off** and press  (Select).





Mobile Light

You can turn on the mobile light while taking pictures or recording videos.

1. Press  (Options) from the display, select **Advanced** and press  (Select).
2. Select **Mobile Light** and press  (Select).
3. Select **On** or **Off** and press  (Select).





White Balance

Under some conditions, the colours in pictures and videos may differ from the actual colours. If so, you can set the white balance so that the colours more closely resemble the actual colours.

1. Press  (Options) from the monitor screen, select **Advanced** and press  (Select).
2. Select **White Balance** and press  (Select).
3. Select a mode and press  (Select).
 - ◆ **Auto:** Adjusts the white balance automatically in order to obtain natural colours.
 - ◆ **Daylight:** Suitable for outdoors under a clear sky.
 - ◆ **Shade:** Suitable for in the shade.
 - ◆ **Cloudy:** Suitable for outdoors under a cloudy sky.
 - ◆ **Fluorescent:** Suitable for fluorescent lighting.
 - ◆ **Tungsten:** Suitable for incandescent lighting.








Exposure Control

You can adjust the brightness for pictures and videos.

1. Press  (Options) from the monitor screen, select **Advanced** and press  (Select).
2. Select **Exposure Control** and press  (Select).
3. Use  to adjust the exposure.



Picture & Video Effects

You can change the colour adjustment settings for taking pictures and recording videos.

1. In standby mode, press , select **Camera** and press  (Select).
2. Select **Settings** and press  (Select).
3. Select **Camera Settings** or **Video Settings** and press  (Select).
4. Select **Picture Settings** or **Movie Settings** and press  (Select).
5. Select **Picture Effects** or **Effects** and press  (Select).
6. Select a setting and press  (Select).
 - ◆ **Sepia:** Sepia tone pictures and videos.
 - ◆ **Black & White:** Monochrome pictures and videos.
 - ◆ **Negative:** Reverses the tones of pictures and videos.
 - ◆ **Emboss:** Emphasises the contours to give pictures and videos an embossed look.
 - ◆ **Off**




Preview Setting

You can set whether to display the preview screen after you take a picture or record a video.

1. After Step 4 of "Picture & Video Effects" (above), select **Preview** and press  (Select).
2. Select **On** or **Off** and press  (Select).




Flicker Adjustment

When taking pictures and recording videos near fluorescent lighting, you can reduce screen flicker by setting the frequency for the current area.

1. After Step 3 of "Picture & Video Effects" (page 131), select **Screen Settings** and press  (Select).
2. Select **Flicker Adjustment** and press  (Select).
3. Select **50 Hz** or **60 Hz** and press  (Select).



Setting the File Name

You can preset the file name to use when saving pictures and videos to the date and time or a name of your choice.













1. After Step 3 of "Picture & Video Effects" (page 131), select **File Name** and press  (Select).
2. Select **Date&Time** or **Define** and press  (Select).
If you selected **Define**, enter a file name and press .

Setting Keypad Shortcuts

You can set whether to use the keypad shortcuts for accessing functions while you are using the camera.

1. After Step 3 of "Picture & Video Effects" (page 131), select **Keypad Shortcut** and press  (Select).
2. Select **On** or **Off** and press  (Select).

The following keypad shortcuts are available while you are taking pictures and recording videos.

	Taking Pictures	Recording Videos
	Key Guide	Key Guide
	Camera Mode	Record Mode
	Delay Timer	Delay Timer
	Picture Effects	Effects
	Picture Quality	Video Quality
	White Balance	White Balance
	Focus Mode	Voice Record
	Night Mode	-
	Picture Size	-
	-	Screen Display
	Mobile Light	Mobile Light
	Self-view	Self-view

Messaging

Messaging allows you to send and receive text messages, pictures, sounds, vObjects and other data via the Vodafone live! Service Centre.

In This Chapter

- **Messaging Capabilities**
- **MMS**
- **SMS**
- **MMS/SMS Common Operations**

Messaging Capabilities

Note

The network service is only available while  or  appears on the display.














Note

If ご希望のEメールアドレスは既に登録されています。他のアドレスを入力してください。(The address has already been registered. Enter another address.) appears, repeat from Step 10.

Your phone is equipped with messaging functions for sending and receiving messages. Via the Service Centre, you can exchange text messages, pictures, sounds, vObjects and other data with other phones or PCs and other devices connected to the Internet. For details on the messaging service, contact Vodafone General Information.

Changing Your Mail Address

If you use the email service, you can change the account name (part before @) of your email address for exchanging email messages with PCs and other devices. Random alphanumeric characters are set as the account name at the time of subscription.

1. In standby mode, press  (.
2. Select **My Vodafone** and press .
3. Select **各種変更手続き** and press .
4. Select **オリジナルメール設定・各種メール設定** and press .
5. Select the centre access code input field and press .
6. Enter your centre access code and press .
7. Select **OK** and press .
8. Select **1. 各種メール設定** and press .
9. Select **1. メールアドレス編集** and press .
10. Select the character input field and press .
11. Enter an account name and press .
12. Select **OK** and press .

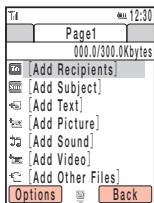
Tip

Alternatively, you can press  from standby mode and select **Messaging** to access the Message menu.

Message Menu

You can access the Message menu by pressing  () from standby mode.

- ◆ **Create Message:** Allows you to create and send an MMS or SMS message (pages 137, 149).
- ◆ **Received Msgs.:** Received messages are saved here (pages 142, 151).
- ◆ **Drafts:** Drafts are saved here (page 158).
- ◆ **Sent Messages:** Sent messages are saved here (pages 144, 152).
- ◆ **Unsent Messages:** Stores messages that could not be sent (page 159).
- ◆ **Server Mail Box:** Allows you to connect to the mail server and set various settings (page 145).
- ◆ **Templates:** You can use the preinstalled templates to create messages (pages 140, 150).
- ◆ **Settings:** Allows you to set various MMS and SMS settings (pages 146, 153, 154).



Create MMS Message Screen

Note

Multiple files of the same type cannot be attached to one page. Also, some combinations of files may not be able to be attached to one page.

About MMS

The Multimedia Messaging Service (MMS) allows you to exchange multimedia messages containing data such as text, pictures, sounds, animations and video clips. For details on MMS, contact Vodafone General Information.

Creating & Sending an MMS Message

You can send a message up to 300 KB including the subject, body text and attachment files.


1. In standby mode, press (✉), select **Create Message** and press (Select).
2. Select **MMS** and press (Select).






The Create MMS Message screen appears.

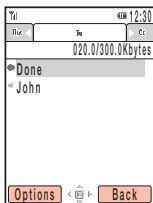
3. Select an item and press (Options).

- ◆ **Add Subject:** Allows you to enter a subject.
- ◆ **Add Text:** Allows you to enter a message. To set the text colour or font size, reselect this item after you enter text, press (Options) and select **Text Options**.
- ◆ **Add Picture:** Allows you to attach picture files. You can also activate the camera and take a picture to attach.
- ◆ **Add Sound:** Allows you to attach sound files saved in Sounds & Ringtones.
- ◆ **Add Video:** Allows you to attach video files. You can also activate the camera and record a video to attach.
- ◆ **Add Other Files:** Allows you to attach files such as vCard files in Other Files.

Tip

- Any message that could not be sent is saved to Unsent Messages.
- To play, edit and perform/set other options, from the Create MMS Message screen, select an item and press  (Options).

4. Select **Add Recipients** and press .
 5. Select **From Contacts**, **Enter Recipient** or **From Group List** and press  (Select).
 - ◆ **From Contacts:** Allows you to select an address from the Contacts list (page 84).
 - ◆ **Enter Recipient:** Allows you to enter an address using the keypad. You can enter up to 256 characters.
 - ◆ **From Group List:** Allows you to specify a group as the address from the Group list (page 82).
 6. Set an address and press .
 7. Select **Send MMS** and press  or .
- The message is sent and then saved to Sent Messages.




Recipient List Screen

Note

Some items do not appear depending on the position of the cursor.


Recipient List Operations

From the Create MMS Message screen, select the address field and press  to display the Recipient list.

You can perform the following operations if you press  (Options) from the Recipient list.

- ◆ **Done:** Confirms the address and displays the Create MMS Message screen.
- ◆ **Edit Recipient:** Allows you to edit the address.
- ◆ **Add Recipients:** Allows you to add addresses. You can enter up to 30 addresses for each of To, Cc and Bcc. However, a message can only be sent to up to 20 addresses.
- ◆ **Delete Recipient:** Allows you to delete the address.
- ◆ **Save to Contacts:** Allows you to save the address to the Contacts list.
- ◆ **Set as To/Cc/Bcc:** Allows you to switch To/Cc/Bcc for the address.
- ◆ **Sending Options:** Allows you to set the following sending options: **Delivery Report**, **Delivery Time**, **Expiry Time** and **MMS Priority**. You can preset these settings in "Sending Settings" (page 147) of the MMS settings.

Tip

- Press  (Options) in Step 3, to edit the template, etc.
- If preinstalled templates have been deleted or edited, use Clear Memory (page 251) to re-install the templates.

Tip

To set the page playback duration or background colour of the page, select **Page Options** in Step 2.

Using MMS Templates



You can use MMS templates that have preset pictures and sounds to create messages. You can also edit MMS templates.

1. In standby mode, press  (Envelope), select **Templates** and press  (Select).
2. Select **MMS Templates** and press  (Select).
3. Select a template and press .

For details on the following procedure, see “Creating & Sending an MMS Message” (page 137).

Adding/Deleting Pages

You can add, delete and replace pages. Using multiple pages enables you to create a message that displays like a slide show. You can set up to 20 pages for each message.

1. From the Create MMS Message screen (page 137), press  (Options).
2. Select **Add Page** and press  (Select).

A page is added.

When there is more than one page, you can perform the following operations if you select **Page Control** in Step 2.







- ◆ **Add Page:** Adds a page.
- ◆ **Delete Page:** Deletes a page.
- ◆ **Previous Page/Next Page:** Takes you to the previous or next page.
- ◆ **Move Page:** Moves a page to a specified position.

Note



A start time and display duration that exceeds the page duration (page 140) cannot be set.

Setting the File Playback Time

You can set the playback time for the text and attached files.

1. From the Create MMS Message screen (page 137), select text or an attached file and press  (Options).
2. Select **Item Duration** and press  (Select).
3. Select **Start Time** and press  (Select).
4. Enter the start time and press  (OK).
5. Select **Duration** and press  (Select).
6. Enter the display duration and press  (OK).

Previewing an MMS Message

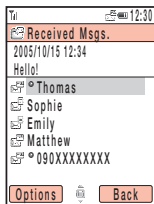
1. From the Create Message screen (page 137), select text or an attached file and press  (Options).
2. Select **Preview Message** and press  (Select).

Note

Some files cannot be displayed/played unless the corresponding content key (content usage right) is downloaded.


Tip

To open the Received Msgs. list, select **New MMS** in the information prompt and press  (Select).



List Screen

Checking MMS Messages in Received Msgs.

When a message is received, an animation plays while the ringtone is playing and your phone is vibrating. If your phone is closed, the animation is displayed on the external display. The  indicator appears at the top of the display.









Received messages are saved to Received Msgs..

For details on operations available from Received Msgs., see page 155.

1. In standby mode, press  () (Select), select **Received Msgs.** and press  (Select).

The list appears.

The following indicators appear for MMS messages.

-  appears for unread messages.
-  MMS message ( high priority level,  low priority level)
-  MMS notification ( high priority level,  low priority level)
-  Delivery report message



Message Screen

Tip


To receive complete messages automatically, set Retrieve Mode (page 146) to **Immediate**.

2. Select a message and press .

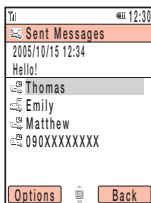
The message appears.

If you receive an MMS message with multiple pages set, pictures, sounds and text are presented in a slideshow-like format. Whether an attached file displays/plays depends on the Auto-extract File setting of “Receiving Settings” (page 146). If there is an attached video or other file, the file icon is displayed.

Receiving Complete MMS Messages

When an MMS arrives, the first portion of the text message is received as a notification. The complete MMS is temporarily stored on the mail server (page 145) and  appears when a notification arrives. Perform the following steps to retrieve the complete message.

1. Open notification message, select **<Retrieve MMS>** and press .



List Screen

Checking MMS Messages in Sent Messages

Sent messages are saved to Sent Messages of the mailbox.

For details on operations available from Sent Messages, see page 157.

1. In standby mode, press (Select), select **Sent Messages** and press (Select).

The list appears.






The following indicators appear for MMS messages.

- MMS message (high priority level, low priority level)
 - Delivered MMS message (high priority level, low priority level)
 - MMS message for which delivery failed (high priority level, low priority level)
2. Select a message and press .

The message appears.






Using the Mail List

Incoming MMS messages with attached files or email messages from PCs or other devices are stored on the mail server. You can use the mail list to retrieve MMS messages and email messages.



1. In standby mode, press  () , select **Server Mail Box** and press  (Select).
2. Press  (Options).
3. Select an item and press  .
 - ◆ **View:** Allows you to check the contents of MMS notifications.
 - ◆ **Retrieve:** Retrieves MMS messages.
 - ◆ **Update Mail List:** Retrieves and updates the mail list.
 - ◆ **Delete:** Allows you to delete a message stored on the mail server.
 - ◆ **Select Multi:** Allows you to select multiple MMS notifications and delete or retrieve the messages.
 - ◆ **Forward:** Allows you to forward messages stored on the mail server.
 - ◆ **Server Mail Volume:** Allows you to check the usage rate on the mail server.
 - ◆ **Sort by:** Allows you to change the order of MMS notifications.
 - ◆ **Delete All:** Deletes all messages stored on the mail server.

MMS Settings

Receiving Settings







1. In standby mode, press  (⬅), select **Settings** and press  (Select).
2. Select **MMS Settings** and press  (Select).
3. Select **Receiving Settings** and press  (Select).
4. Select an item and press  (Select).
 - ◆ **Retrieve Mode:** Allows you to set whether to automatically retrieve messages received by the mail server. There are two settings: **Home Network** and **Roaming Network**. For each of the settings, you can select **Immediate**, **Deferred** or **Always Ask**.
 - ◆ **Auto-extract File:** Allows you to set whether to automatically display/play picture and sound files attached to messages.
 - ◆ **Reply for Delivery:** Allows you to set whether to reply to requests for delivery confirmation.
 - ◆ **Anonymous Msg.:** Allows you to set whether to receive anonymous messages.

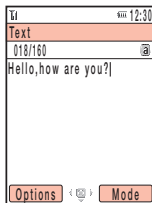
Sending Settings

1. After Step 2 of "Receiving Settings" (page 146), select **Sending Settings** and press  (Select).
2. Select an item and press  (Select).
 - ◆ **Delivery Report:** Allows you to receive delivery reports to confirm whether sent messages were delivered to recipients.
 - ◆ **Delivery Time:** Allows you to specify a time up to seven days in the future for delivering messages from the service centre to recipients.
 - ◆ **Expiry Time:** Allows you to set the length of time a sent message is stored on the mail server.
 - ◆ **MMS Signature:** Allows you to save a signature and then set whether to display the signature.
 - ◆ **MMS Priority:** Allows you to set the message priority level to **High**, **Normal** or **Low**.


Setting the Default Recipient

Save an address as the Default Recipient (pages 111, 123).

1. After Step 2 of "Receiving Settings" (page 146), select **Default Recipient** and press  (Select).
2. Press .
3. Select **From Contacts** or **Enter Recipient** and press  (Select).
 - ◆ **From Contacts:** Allows you to select an address from the Contacts list (page 84).
 - ◆ **Enter Recipient:** Allows you to enter an address using the keypad. You can enter up to 256 characters.
4. Set an address and press .
5. Press  (Options).
6. Select **Save** and press  (Select).



Note

If you press  (Cancel) while an SMS message with multiple addresses set is being sent, the send operation is cancelled for the address set after the address to which the message is currently being sent.

Tip

Any message that could not be sent is saved to Unsent Messages (page 159).






About SMS

The Short Message Service (SMS) allows you to exchange text messages with other phones. For details on SMS, contact Vodafone General Information.

Creating & Sending an SMS Message

1. In standby mode, press  (Messaging), select **Create Message** and press  (Select).
2. Select **SMS** and press  (Select).


The Create Message screen appears.

3. Enter a message and press .
- You can enter up to 160 characters.
4. Select **From Contacts** or **Enter Recipient** and press  (Select).
 - ◆ **From Contacts:** Allows you to select a phone number from the Contacts list (page 84).
 - ◆ **Enter Recipient:** Allows you to enter a phone number using the keypad. You can enter up to 20 digits.
5. Set a phone number and press .
- The Recipient list appears.
6. Select **Send SMS** and press  or .
- The message is sent and then saved to Sent Messages.


Note

Some items do not appear depending on the position of the cursor.

Tip

To perform an operation such as editing and deleting a template (except for a preset SMS template), press  (Options) in Step 3.

Recipient List Operations

You can perform the following operations if you press  (Options) from the Recipient list.

- ◆ **Send:** Allows you to send the message.
- ◆ **Edit Recipient:** Allows you to edit the address.
- ◆ **Delete Recipient:** Allows you to delete the address.
- ◆ **Add Recipient:** Allows you to add an address. You can enter up to ten addresses.
- ◆ **Edit Message:** Allows you to edit the message.
- ◆ **Save to Contacts:** Allows you to save an address to the Contacts list.
- ◆ **Save to Drafts:** Saves the message as a draft message to Drafts.
- ◆ **Sending Options:** Allows you to set the following sending options: **Delivery Report** and **Expiry Time**. You can preset these settings in “SMS Settings” (page 153).

Using SMS Templates

Templates allow you to enter messages easily. You can also save frequently used messages as templates.

1. In standby mode, press  () , select **Templates** and press  (Select).
2. Select **SMS Templates** and press  (Select).
3. Select a template and press .

For details on the following procedure, see “Creating & Sending an SMS Message” (page 149).

Tip

To open the Received Msgs. list, select **New SMS** in the information prompt and press  (Select).




List Screen



Message Screen

Checking SMS Messages in Received Msgs.

When a message is received, an animation plays while the ringtone is playing and your phone is vibrating. If your phone is closed, the animation is displayed on the external display. The  indicator appears at the top of the display.

Received messages are saved to Received Msgs..

For details on operations available from Received Msgs., see page 155.

1. In standby mode, press  () , select **Received Msgs.** and press  (Select).

The list appears.

The following indicators appear for SMS messages.

- appears for unread messages.

 SMS Message

 SMS message saved in the USIM card


 Delivery report message

 WAP Push message

2. Select a message and press .

The message appears.

Checking WAP Push Messages

WAP Push is an information delivery service that allows you to receive notifications in real time from the Web server. When you receive a message, the  indicator appears at the top of the display. If Auto Launch (page 168) of the browser settings is set to **On**, your phone accesses the specified URL as soon as the message is received. Some push messages are just saved to the Received Msgs.

Checking SMS Messages in Sent Messages

Sent messages are saved to Sent Messages of the mailbox.

For details on operations available from Sent Messages, see page 157.

1. In standby mode, press  () , select **Sent Messages** and press  (Select).

The list appears.

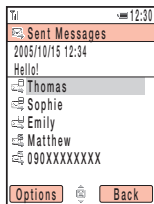
The following indicators appear for SMS messages.

 SMS message

 SMS message saved in the USIM card

2. Select a message and press .

The message appears.







List Screen

Note

Do not change the centre number for the Message Centre unless Vodafone informs you that it has been changed. Otherwise, you will no longer be able to use the service.






SMS Settings

1. In standby mode, press  (Envelope icon), select **Settings** and press  (Select).
2. Select **SMS Settings** and press  (Select).
3. Select an item and press .
 - ◆ **Delivery Report:** Allows you to receive delivery reports to confirm whether sent messages were delivered to recipients.
 - ◆ **Expiry Time:** Allows you to set an expiry time for messages.
 - ◆ **SMS Signature:** Allows you to save a signature and then set whether to display the signature.
 - ◆ **Message Centre:** Allows you to change the centre number for SMS. The centre number is saved to the USIM card.
 - ◆ **SMS Type:** Allows you to set the SMS type for outgoing messages to **Text**, **Email**, **Fax Group 3**, **Fax Group 4** or **Pager**.

MMS/SMS Common Operations

Common Settings


You can set various settings common to MMS and SMS.

1. In standby mode, press  () , select **Settings** and press  (Select).
2. Select **Common Settings** and press  (Select).
3. Select an item and press  (Select).
 - ◆ **Reply Settings:** Allows you to set whether to quote received messages when replying to them.
 - ◆ **Display Font Size:** Allows you to select a message font size from **Large**, **Standard** and **Small**.
 - ◆ **Page Scroll:** Allows you to select the scroll unit of the message display screen from **1 Line**, **Half Screen** and **Full Screen**.

Note

- Some items do not appear depending on the message type or screen.
- When Auto-delete is set to **On** and memory becomes full, the oldest MMS message is deleted when a new MMS message is received and the oldest SMS message is deleted when a new SMS message is received.
- When the memory for Drafts, Unsent Messages and Templates becomes full, a new message cannot be created regardless of the setting for Auto-delete.

Received Msgs. Operations

You can perform the following operations if you press  (Options) from the Received Msgs. list or a message.


- ◆ **View:** Allows you to check the contents of the message.
- ◆ **Retrieve:** Downloads the body text and attachment files of the MMS message (only for notification messages).
- ◆ **Play:** Plays the MMS message from the first page.
- ◆ **Reply:** Allows you to reply to the message.
- ◆ **Delete:** Deletes one message.
- ◆ **Save Sender:** Allows you to save the phone number of the sender to the Contacts list.
- ◆ **Select Multi:** Allows you to specify multiple messages and then retrieve or delete them. You can also switch between protected and unprotected or read and unread messages and move messages to another folder.
- ◆ **Forward:** Allows you to forward the message.
- ◆ **Call Sender:** Makes a call to the sender of the message.
- ◆ **Manage Folder:** Allows you to set Auto-delete and create folders. If a message in a folder is selected, you can delete or rename the folder and set automatic sorting.
- ◆ **Sort by:** Changes the order that messages appear. You can select a sort option from **Date from Latest**, **Date from Oldest**, **Sender**, **Unread to Read** and **Message Type**.
- ◆ **Delete All:** Deletes all messages in Received Msgs..
- ◆ **Extract:** Allows you to use a phone number, email address, URL or file (MMS message only) in the message.

- ◆ **View Item:** Allows you to view all files attached to the MMS message. You can also play, display and save files.
- ◆ **Save as Template:** Allows you to save the message as a template.
- ◆ **Copy Text:** Allows you specify a range of text in any part of the message and then copy the text.
- ◆ **Move to USIM/Phone:** Allows you to move the SMS message to your USIM card or phone.
- ◆ **Details:** Displays the message properties (time stamp, priority, address, size, etc.).
- ◆ **Load:** Starts the browser and displays the Web page (only for a WAP Push message).
- ◆ **View Original Msg.:** Displays the message for which delivery was confirmed (only for a delivery report).

Note

- Some items do not appear depending on the message type or screen.
- When Auto-delete is set to **Off** and memory becomes full, a warning message appears and new messages cannot be created. Delete messages you no longer require or set Auto-delete to **On**. However, MMS messages saved to a folder you created are not deleted.






Sent Messages Operations

You can perform the following operations if you press  (Options) from the Sent Messages list or a message.

- ◆ **View:** Allows you to check the contents of the message.
- ◆ **Play:** Plays the MMS message from the first page.
- ◆ **Resend:** Allows you to edit the message and then resend it.
- ◆ **Delete:** Deletes one message.
- ◆ **Select Multi:** Allows you to specify multiple messages and then delete them or move them to another folder.
- ◆ **Forward:** Allows you to forward the message.
- ◆ **Extract:** Allows you to use a phone number, email address, URL or file (MMS message only) in the message.
- ◆ **Call Recipient:** Makes a call to the recipient of the message.
- ◆ **Manage Folder:** Allows you to set Auto-delete and create folders. If a message in a folder is selected, you can delete or rename the folder and set automatic sorting.
- ◆ **Sort by:** Changes the order that messages appear. You can select a sort option from **Date from Latest**, **Date from Oldest**, **Recipient** and **Message Type**.
- ◆ **Delete All:** Deletes all messages in Sent Messages.
- ◆ **View Item:** Allows you to view all files attached to the MMS message. You can also play, display and save files.
- ◆ **Save as Template:** Allows you to save the message as a template.
- ◆ **Copy Text:** Allows you specify a range of text in any part of the message and then copy the text.
- ◆ **Move to USIM/Phone:** Allows you to move the SMS message to your USIM card or phone.
- ◆ **Details:** Displays the message properties (time stamp, priority, address, size, etc.).





Drafts

You can save the messages you create to Drafts.

1. In standby mode, press  (), select **Drafts** and press  (Select).
2. Select a message and press  (Options).
3. Select an item and press  (Select).
 - ◆ **Edit:** Allows you to edit the message.
 - ◆ **Delete:** Allows you to select from **One**, **All** or **Select Multi** for deleting messages.
 - ◆ **Send:** Allows you to send the message.
 - ◆ **Call Recipient:** Makes a call to the recipient of the message.
 - ◆ **Sort by:** Changes the order that messages appear. You can select a sort option from **Date from Latest**, **Date from Oldest**, **Recipient** and **Message Type**.

Unsent Messages

Messages that could not be sent are saved to Unsent Messages.

1. In standby mode, press  (✉), select **Unsent Messages** and press  (Select).
2. Select a message and press  (Options).
3. Select an item and press  (Select).
 - ◆ **Edit:** Allows you to edit the message.
 - ◆ **Send:** Allows you to send the message.
 - ◆ **Delete:** Deletes the message.
 - ◆ **Select Multi:** Allows you to specify multiple messages and then send or delete them.
 - ◆ **Call Recipient:** Makes a call to the recipient of the message.
 - ◆ **Sort by:** Changes the order that messages appear. You can select a sort option from **Date from Latest**, **Date from Oldest**, **Recipient** and **Message Type**.
 - ◆ **Delete All:** Deletes all messages.

Vodafone live!

Vodafone live! is an online service that allows you to use the Internet to access various genres of content. You can browse information or download pictures, melodies and applications.

In This Chapter

- **Accessing Vodafone live!**
- **Bookmarks**
- **Operations for Web Pages**
- **Browser Settings**
- **V-appli**
- **Media Player**

Accessing Vodafone live!

Note

The network service is only available while  or  appears on the display.

Tip

- To display the Vodafone live! Web menu, press  () from standby mode.
- To switch to English, select **English** after Step 2.

You can access Vodafone live! to search for and obtain information.

A separate subscription is required to use the Vodafone live! service. For details, contact Vodafone General Information.

1. In standby mode, press , select **Vodafone live!** and press  (Select).

The Vodafone live! menu appears.

2. Select **Vodafone live!** and press  (Select).

The  indicator appears at the top of the display during communication.

3. Press  to end Vodafone live!.

Vodafone live! Menu

1. In standby mode, press , select **Vodafone live!** and press  (Select).

The Vodafone live! menu appears.

2. Select an item and press  (Select).

- ◆ **Vodafone live!:** Displays the Vodafone live! home page.
- ◆ **Enter URL:** Allows you to access a Web page by directly entering the address.
- ◆ **Bookmarks:** Allows you to bookmark your favourite Web pages and access bookmarked Web pages (page 163).
- ◆ **History:** Displays the addresses of accessed Web pages in the order of newest to oldest.
- ◆ **Browser Settings:** Allows you to set various browser settings (page 168).

Key Assignments for Browsing the Web

The following shows the key assignments for browsing the Web.

In Open Style


: Selects an item or displays the Option menu.

: Takes you back to the previous screen.



: Selects an item.

: Scrolls up or down.

: Scrolls left or right.

: Ends communication. If your phone is not connected, takes you back to standby mode.



 to : Acts as a shortcut to a link with a number.


 and : Acts as a shortcut to a link with * or #. You can also use these keys to perform supported operations.


Side Key (): Increases the volume level.

Side Key (): Decreases the volume level. To set the volume to mute, press and hold the key.

In Turnover Style

Side Key (, ): Scrolls up or down.








Side Key (): Takes you back to the previous screen.

Side Key (): Selects an item.







Bookmarks

If you bookmark frequently accessed pages, you can access them quickly and easily.

Adding a Bookmark


1. Display the page you want to bookmark and press  (Options).
2. Select **Bookmarks** and press  (Select).
3. Select **Add Bookmark** and press  (Select).
4. Select the title field and press .
5. Edit the title and press .
6. Press  (OK).
7. Select **Root Folder** and press  (OK).

Using Bookmarks

1. In standby mode, press , select **Vodafone live!** and press  (Select).
2. Select **Bookmarks** and press  (Select).
3. Select the title of the page you want to access and press  (Options).
To access the page of the selected title, press .
4. Select an item and press  (Select).
 - ◆ **Go to URL:** Allows you to enter a URL and display the Web page for the URL.
 - ◆ **Send:** Allows you to send the URL in an SMS or MMS message.
 - ◆ **New Entry:** Allows you to enter a new URL to add as a bookmark.
 - ◆ **Delete:** Deletes one or all bookmarks.
 - ◆ **Move:** Moves a bookmark to another folder.
 - ◆ **Select Multi:** Allows you to select multiple bookmarks and then delete or move them.
 - ◆ **Edit:** Allows you to edit a bookmark title or URL.
 - ◆ **Create Folder:** Allows you to create a folder.

Operations for Web Pages

You can perform various operations while a Web page is displayed.

You can perform the following operations if you press  (Options) while a Web page is displayed.





- ◆ **Select:** Selects the item at the cursor position.
- ◆ **Bookmarks:** Adds a bookmark for the displayed Web page or references existing bookmarks. You can also create a folder.
- ◆ **My Saved Pages:** Saves the displayed page to My Saved Pages.
- ◆ **To My Locations:** Allows you to save the location information to the My Locations list.
- ◆ **Previous Page:** Takes you back to the previous page.
- ◆ **Next Page:** Takes you to the next page (if one exists in cache).
- ◆ **Go to URL:** Allows you to enter a URL or select information to display from access history.
- ◆ **Send Page:** Allows you to send the URL in an SMS or MMS message.
- ◆ **Reload Page:** Updates the information.
- ◆ **Object Select Mode:** Selects a file in the information.
- ◆ **Other Settings:** Allows you to copy characters and change the font size and encoding of characters in information. You can also clear the cache, view details on server certificates and check page properties.
- ◆ **Do Actions:** Allows you to perform the action specified in the displayed Web page.

Note

- Copy restrictions may prevent some files from being saved.
- Some downloaded files may not be able to be displayed/played properly.

Using Files in Web Pages

You can perform various operations such as saving and displaying/playing picture and animation files in Web pages.



1. Display a Web page containing a file and press  (Options).
2. Select **Object Select Mode** and press  (Select).
3. Select a file and press  (Options).
4. Select an item and press  (Select).
 - ◆ **Object Details:** Allows you to confirm details such as the file name, file size, save permission and transfer permission.
 - ◆ **Save Object:** Saves the file to Data Folder.
 - ◆ **Play/View:** Plays or displays the file data.
 - ◆ **Paging Mode:** Takes you back to paging mode.
 - ◆ **Exit Browser:** Ends the browser.

Note

- Copy restrictions may prevent some files from being saved.
- Some downloaded files may not be able to be displayed/played properly.

Downloading Files from Links

You can download files from links and other objects in some Web pages.

1. Display a Web page, select a character string for which a link is set and press .
2. Press  (Yes).

Downloading begins.

3. Select an item and press  (Select).





◆ **Play:** Plays the file.

◆ **Save:** Saves the file to Data Folder.

◆ **Object Details:** Allows you to confirm details such as the file name, file size and file type.

Browser Settings

You can set various browser settings.

1. In standby mode, press , select **Vodafone live!** and press  (Select).
2. Select **Browser Settings** and press  (Select).
3. Select an item and press  (Select).
 - ◆ **Text Settings:** If you select **Text Browser**, you can set your phone to download only text information even when the download information contains images and melodies. If you select **Font Size**, you can change the font size of text in information.
 - ◆ **Memory Manager:** Clears the access history, Cookies, Web cache and DNS (Domain Name Server) cache. You can also enable or disable the storing of cookies.
 - ◆ **Manufacture No.:** Allows you to set whether to send automatically the International Mobile Equipment Identity (IMEI) of your phone as your User ID when a request is received from the network.
 - ◆ **Certification:** Allows you to confirm details on a certificate issued from a certificate authority.
 - ◆ **Auto Launch:** Allows you to set whether to start the browser automatically when a WAP push message is received.
 - ◆ **Location Property:** Allows you to set whether to send location information automatically when a location request is received while downloading information.

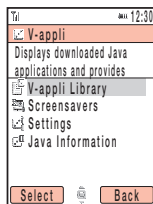
Note

- When you use a network application, a communication fee is charged each time the application connects to the network. The communication fee is the same as that for using the Web.
- When offline mode is set (page 231), some network applications may not run properly.




From Web pages, you can download a variety of Java™ compatible applications such as games.

Applications

In addition to ordinary applications that run solely on your phone, some applications need to connect to the network (Web). Network V-appli enable you to play a game online or download information in real time.



Games & More Menu









1. In standby mode, press , select **V-appli** and press  (Select).
2. Select an item and press  (Select).
 - ◆ **V-appli Library:** Save applications downloaded from the Web and access preinstalled applications.
 - ◆ **Screensavers:** Stores standby mode applications downloaded from the Web. You can also set which application runs in standby mode or switch the standby setting on or off (page 172). To set the application start time or length of time the application runs before pausing, select **Set Time**.
 - ◆ **Settings:** Allows you to set various application settings (page 173).
 - ◆ **Java Information:** Displays an explanation on the Java™ licence.

Note

- If the battery level is low at the start of downloading, the application may not be completely downloaded. Charging the battery beforehand is recommended.
- If you replace the USIM card, downloaded applications (including preinstalled applications that were updated) will no longer be available.

Downloading V-appli

You can download applications. Before downloading an application, you can confirm details such as the download size and storage size.





1. In standby mode, press , select **V-appli** and press  (Select).
2. Select **V-appli Library** and press  (Select).
3. Select **More V-appli** and press .
An application download site appears.
4. Select an application and press .
The application details screen appears.
5. Press  (Downld.).
6. Select **Phone Memory** or **Memory Card** and press  (Select).
Downloading begins.
7. Press  (Yes).
The V-appli Library appears.


Tip

To pause or return to the application, select **Pause** or **Resume** after pressing  in Step 4.

Starting V-appli





You can run one application in standby mode.

1. In standby mode, press , select **V-appli** and press  (Select).
2. Select **V-appli Library** and press  (Select).
3. Select an application and press .



The  indicator appears at the top of the display and the application starts. If you close your phone, the application stops.

4. Press , select **Quit** in the confirmation screen that appears and press  to end the application.





Setting the Screensaver

1. In standby mode, press , select **V-appli** and press  (Select).
2. Select **Screensavers** and press  (Select).
3. Select **Screensavers** and press  (Select).






To cancel the screensaver, select **Off**.

4. Select an application and press .
5. Press  (Yes).

V-appli Settings

1. In standby mode, press , select **V-appli** and press  (Select).
2. Select **Settings** and press  (Select).
3. Select an item and press  (Select).
 - ◆ **Priority Settings:** Allows you to set the priority for when there is an incoming call, incoming message or alarm while an application is running. To give priority to voice calls, video calls, messages or alarms and pause the application, select **Voice Calls, Video Calls, Messages** or **Alarms**. To display a notification at the top of the display without pausing the application, select **Notification**.
 - ◆ **Backlight:** Use the Backlight setting to set the display lighting when an application is running. Use the Blinking setting to set backlight blinking feature on or off.
 - ◆ **Volume:** Allows you to adjust the volume for when an application is running. You can also set the volume to mute.
 - ◆ **Vibration:** You can set the preset vibration of an application on or off.
 - ◆ **MemoryCard Sync.:** Allows you to update the V-appli information in a memory card.
 - ◆ **Reset Settings:** If you select **Master Reset**, you can reset all V-appli function settings. If you select **Clear Memory**, you can reset all V-appli function settings and delete all downloaded applications.

Managing V-appli





1. In standby mode, press , select **V-appli** and press  (Select).
2. Select **V-appli Library** and press  (Select).
3. Select an application and press  (Options).
4. Select an item and press  (Select).
 - ◆ **Start:** Runs the application.
 - ◆ **Delete:** Deletes the application.
 - ◆ **Select Multi:** Allows you to select multiple applications and then delete them or move them to a memory card.
 - ◆ **Memory Card:** Allows you to switch from the V-appli Library in your phone (Data Folder) to the V-appli Library in a memory card.
 - ◆ **Details:** Allows you to confirm details on the application.
 - ◆ **Security Settings:** Allows you to set the display method for the confirmation screen that appears when you attempt to use certain functions while an application is activated.

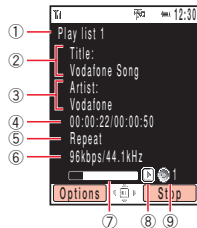
Media Player

Media Player allows you to play video/audio files, stream files and save files to Favourites. You can also play video and audio files downloaded from the Web or videos recorded with the camera.

Media Player supports MPEG-4 file format.

Media Player Menu

1. In standby mode, press , select **Tools** and press  (Select).
2. Select **Media Player** and press  (Select).
3. Select an item and press  (Select).
 - ◆ **My Sounds:** Displays a list of audio files in Data Folder.
 - ◆ **My Videos:** Displays a list of video files in Data Folder.
 - ◆ **Playlist:** Allows you to create a playlist and play files (page 178).
 - ◆ **Favourites:** Allows you to add up to ten files and streaming URLs to Favourites.
 - ◆ **History:** Displays the history for file and streaming playback.
 - ◆ **Enter URL:** Allows you to enter a URL for streaming playback or starting the browser.
 - ◆ **Settings:** If you select **Backlight**, you can set the display lighting for playback to **Always On**, **Always Off** or **Same as Phone**. If you select **Visualisations**, you can set a graphic to appear for the playback of audio files. You can also select the picture or animation file to display.



Tip

To start the browser and connect to an audio file download site, select **More Sounds** in Step 4.






Playing Audio Files

Display Indications


- | | |
|-------------------------------------|----------------------|
| ① List name | ⑥ Bit rate |
| ② Title | ⑦ Progress bar |
| ③ Artist | ⑧ Play status (icon) |
| ④ Elapsed play time/total play time | ⑨ Volume level |
| ⑤ Play mode | |

Playback

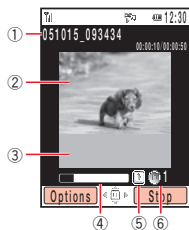
You can play files attached to MMS messages and downloaded audio files, or connect to a streaming server to stream audio files.

1. In standby mode, press , select **Tools** and press  (Select).
2. Select **Media Player** and press  (Select).
3. Select **My Sounds** and press  (Select).
4. Select an audio file and press .

The playback screen of Media Player appears and playback begins.

To stop playback, press  (Stop).

Press  to increase the playback volume level and press  to decrease the playback volume level.



Tip

To start the browser and connect to a video file download site, select **More Videos** in Step 4.






Playing Video Files

Display Indications


- ① Title and elapsed play time/total play time
- ② Video display
- ③ Subtitles area
- ④ Progress bar
- ⑤ Play status (icon)
- ⑥ Volume level

Playback

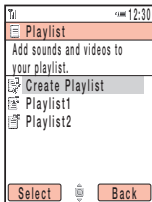
You can play files attached to MMS messages, videos recorded with the camera and downloaded video files, or connect to a streaming server to stream video files.

1. In standby mode, press , select **Tools** and press  (Select).
2. Select **Media Player** and press  (Select).
3. Select **My Videos** and press  (Select).
4. Select a video file and press .

The playback screen of Media Player appears and playback begins.

To stop playback, press  (Stop).

Press  to increase the playback volume level and press  to decrease the playback volume level.















Note

A combination of audio and video files cannot be added to the same playlist.

Creating a Playlist






This feature allows you to create a list of files that you want to play as a set. You can also change the playback order of files in a playlist.

1. In standby mode, press , select **Tools** and press  (Select).
2. Select **Media Player** and press  (Select).
3. Select **Playlist** and press  (Select).
4. Select **Create Playlist** and press  (Select).
5. Enter the name of the playlist and press .
6. Select **My Sounds** or **My Videos** and press  (Select).
7. Press  (Options).
8. Select **Select Multi** and press  (Select).
9. Select a file and press .
To add another file, repeat Step 9.
10. Press  (Options).
11. Select **Add Files** and press  (Select).


Note

Some items do not appear depending on the screen type.

Playing a Playlist

1. In standby mode, press , select **Tools** and press  (Select).
2. Select **Media Player** and press  (Select).
3. Select **Playlist** and press  (Select).
4. Select a playlist and press .







Media Player Operations

You can perform the following operations if you press  (Options) while a file list, history, favourites or playlist is displayed or a file is playing.


- ◆ **Play:** Plays a file.
- ◆ **View List:** Displays a list of files in the playlist.
- ◆ **Send:** Allows you to send a file attached to an MMS message or send a file by infrared.
- ◆ **Delete:** Deletes a file or playlist.
- ◆ **Delete All:** Deletes all files.
- ◆ **Select Multi:** Allows you to select multiple files and then delete or play them or copy or move them to a memory card or your phone.
- ◆ **Manage File:** Allows you to add a file to a playlist or Favourites. You can also confirm details.
- ◆ **Play Mode:** Plays files repeatedly or in random order.
- ◆ **Mute/Unmute:** Allows you to set or cancel mute.
- ◆ **Search Time:** Allows you to specify a file playback start time.
- ◆ **Full Screen/Normal Screen:** Allows you to change the size of the playback screen.
- ◆ **Hide Controller/Show Controller:** Hides or shows the controller.

- ◆ **Memory Card/Phone Memory:** Switches the file list display between your phone and a memory card.
- ◆ **View Settings:** Switches between thumbnails view and list view.
- ◆ **Thumbnails View/List View:** Switches between thumbnails view and list view.
- ◆ **Rename:** Allows you to change the name of the selected file.
- ◆ **Sort by:** Changes the order that files appear. You can select a sort option from **Filename**, **Size**, **Date from Latest** and **Date from Oldest**.
- ◆ **Add:** Allows you to add a file to Favourites or a playlist.
- ◆ **Add to Favourites:** Allows you to add a file to Favourites.
- ◆ **Change Order:** Allows you to change the order of files in the playlist.
- ◆ **Details:** Displays file details.

Key Assignment while a File is Playing/Paused

- : Pauses/plays the file.
- : Increases/decreases the volume.
- : Rewinds frame-by-frame a paused file.
- : Forwards frame-by-frame a paused file. You can also slow forward a paused file by pressing and holding the key.
- : Jumps to the next file.
- : Jumps to the previous file.

Streaming Playback of Audio/Video

If you select a streaming URL from a Web page or body text of a message, Media Player automatically starts and streams playback so as you can listen to the music or watch the video. The  indicator appears at the top of the display during streaming. For details on the display indications that appear during playback, see pages 176 and 177.

Note

Packet communication fees apply even if playback is paused because the phone continues network communication.

Navigation

You can retrieve location information to check your current position and search for information about the location of your current position.

In this Chapter

- **Navigation and Location Information**
- **Checking Your Current Position**
- **Settings**
- **Operations from Other Functions**

Navigation and Location Information

Note

- The preinstalled navigation application is only in Japanese.
- To locate your position accurately, you need to be outdoors and within a packet communication area.
- When signal reception of the GPS satellite is poor, your position can be determined by the base station information. However, depending on the base station's location or signal strength, the margin of error could vary from hundreds of metres to several kilometres in radius.
- Note that Vodafone accepts no liability whatsoever for any damages arising from use of the location information provided.
- If any of the following settings is set, positioning is unavailable.
 - LBS Lock (page 185)
 - Offline Mode (page 231)
 - Fixed Dialling Number (page 248)

You can locate your current position, check it on a map, and send the location information by MMS.

Navigation Menu

1. In standby mode, press , select **Navigation** and press  (Select).

2. Select an item and press  (Select).





- ◆ **NAVI:** Starts the navigation application. An application must be set in Settings, prior to using this feature.
- ◆ **Locate Me:** Locate your current position (page 184).
- ◆ **Current position:** Send an MMS message containing location information for your current position (page 184).
- ◆ **Location Logs:** Access the 20 most recently retrieved location information.
- ◆ **My Locations:** Save location information.
- ◆ **Quick Positioning:** To retrieve location information quickly, set your phone to maintain a network connection. Select a network connection time.
- ◆ **Settings:** Set various location information settings (page 185).

Checking Your Current Position

Tip

Positioning accuracy is indicated in three levels. Level 3 is the most accurate. If accuracy is level 1, it is recommended that you move to a new location and try again.

Obtain your current position or locate your current position and then send the information by MMS.

1. In standby mode, press , select **Navigation** and press  (Select).
2. Select **Locate Me** and press  (Select).
3. Select **Send** or **Ask Once Only** and press  (Select).





Your phone connects to the Web and displays your current position.

Sending Current Position by MMS

1. In standby mode, press , select **Navigation** and press  (Select).
2. Select **Current position** and press  (Select).






When your current position is obtained, the Create Message screen appears and the information is automatically inserted in the MMS text field.

Settings







1. In standby mode, press , select **Navigation** and press  (Select).
2. Select **Settings** and press  (Select).
3. Select an item and press  (Select).
 - ◆ **URL Settings:** Set default URL for viewing maps. You can save up to five URLs.
 - ◆ **NAVI Application:** Set a navigation application.
 - ◆ **LBS Lock:** Disable the positioning function.
 - ◆ **Privacy Settings:** Set notification method for positioning requests from other mobile phones and computers. This service is currently unavailable (as of November, 2005).

Operations from Other Functions

Saving Location Information to the Contacts List Entry




1. In standby mode, press , select **Phonebook** and press  (Select).
2. Select **Create Contact** and press  (Select).
3. Select **No Location** and press .
4. Select the location information and press .
 - ◆ **Start Positioning:** Retrieves the location information for your current position.
 - ◆ **From Location Log:** Select the location information from the location logs.
 - ◆ **From My Locations:** Select the location information from the My Locations list.
 - ◆ **From My Pictures:** Select a picture file with location information from Data Folder.

Using Location Information Saved to Contacts Entry

1. In standby mode, press , select **Phonebook** and press  (Select).
2. Select **Contacts List** and press  (Select).
3. Select an entry and press .
4. Select **Location available** and press  (Options).
5. Select an item and press  (Select).
 - ◆ **View:** Displays details on registered location information.
 - ◆ **NAVI:** Starts the navigation application.
 - ◆ **Open Map:** Displays a map for the registered location information.
 - ◆ **Location Mail:** Allows you to send an MMS message containing the registered location information.
 - ◆ **To My Locations:** Save the registered location information to the My Locations list.
 - ◆ **Edit:** Edit the entry.
 - ◆ **Delete:** Delete the entry.







Adding Location Information to Pictures You Take

After you take a picture, you can add location information.


1. Press  (Options) after taking a picture.
2. Select **Location** and press  (Select).
3. Select **Start Positioning** and press  (Select).

After your current position is located, the location information is added to the picture. The  indicator appears.

Using Location Information Attached to Picture Files

1. In standby mode, press , select **Data Folder** and press  (Select).
2. Select **Pictures** and press  (Select).
3. Select a picture file and press  (Options).
4. Select **Location** and press  (Select).
5. Select an item and press  (Select).
 - ◆ **NAVI**: Start the navigation application.
 - ◆ **Open Map**: Display a map for the saved location information.
 - ◆ **Start Positioning**: Locate your position and save the location information.
 - ◆ **To My Locations**: Save the registered location information to the My Locations list.
 - ◆ **Delete**: Delete the saved location information.
 - ◆ **View**: Display location information details.

Using Location Information Included in QR Codes

1. Press  (Options) after you scan a QR code.

For details on scanning QR codes, see page 277.

2. Select **NAVI** or **To My Locations** and press  (Select).

- ◆ **NAVI:** Starts the navigation application.

- ◆ **To My Locations:** Allows you to save the location information to the My Location list.

Inserting Location Information in MMS Text

1. Press  (Options) from the MMS text input screen.

For details on the MMS body text input screen, see page 137.

2. Select **Insert Location** and press  (Select).

3. Select a location information and press  (Select).

- ◆ **Start Positioning:** Retrieve the location information for your current position.

- ◆ **From Location Log:** Select the location information from the location logs.

- ◆ **From My Locations:** Select the location information from the My Locations list.

- ◆ **From My Pictures:** Select a picture file with location information from Data Folder.

- ◆ **From Contacts:** Insert location information, saved in a Contacts entry.

- ◆ **From My Details:** Insert the location information saved in My Details.

Using Location Information Attached to MMS Messages

1. Display a received message.

For details on received messages, see page 142.

2. Select a URL including location information and press .

3. Select an item and press  (Select).

◆ **Go to URL:** Displays a map from the location information.

◆ **NAVI:** Starts the navigation application.

◆ **To My Locations:** Allows you to save the location information to the My Locations list.

Saving the Location Information to My Locations

1. Display the location information screen and press  (Options).

For details on displaying Web information, see page 161.

2. Select **To My Locations** and press  (Select).

3. Select **Registration** and press  (Select).

4. Enter a title and press .

Data Folder

The data you save in your phone is stored in Data Folder. You can move the data stored in the folders of Data Folder and edit it for use with other functions.

In This Chapter

- Data Folder
- Using Files & Folders
- Displaying Files on a TV
- Using vObjects
- Using a Memory Card
- Using the USIM Card

Data Folder

Data Folder of your phone stores the pictures you take, videos you record, files you receive from external devices, files you download from the Web, etc. Data Folder can store up to a total of a combination of approximately 500 files and personal folders. You can also use Data Folder of a memory card (page 44). The ability to store the maximum amount of files will depend on available space in the memory card.

Structure of Data Folder

Note

There are no My Saved Pages and Templates folders in Data Folder of a memory card.

Tip




















- To display the memory usage status, select **Memory Status**.
- DCF format files comply with the "Design Rule for Camera File System." This standard was developed for the purpose of facilitating the exchange of digital camera pictures with various devices.

1. In standby mode, press , select **Data Folder** and press  (Select).

The following folders are preinstalled in your phone.

- ◆ **Pictures:** Contains pictures and the Digital Camera folder. Pictures you take in Digital Camera are saved in DCF format to the Digital Camera folder.
- ◆ **Videos:** Contains videos.
- ◆ **Sounds&Ringtones:** Contains sound files and the Recordings folder. Recordings you record with the voice recorder are saved to the Recordings folder.
- ◆ **V-appli:** Contains applications.
- ◆ **My Saved Pages:** Contains URLs and Web pages.
- ◆ **Templates:** Contains the SMS Templates folder to store templates for use with SMS messages and the MMS Templates folder to store templates for use with MMS messages.
- ◆ **Other Files:** Contains vCard, vCalendar, SVG and text files, as well as files of unknown types.

Files Storable in Data Folder

Folder	File Format (Icon)
Pictures	JPEG () , GIF () , WBMP () , PNG ()
Digital Camera	JPEG ¹ ()
Videos	MPEG-4 ² ()
Sounds&Ringtones	AMR/MPEG-4 ² () , SMF/SP-MIDI ² () , SMAF () , XMF ()
Recordings	AMR ()
V-appli	Java ()
My Saved Pages	HTML/XHTML ()
SMS/MMS Templates	Text ()
Other Files	vCard () , vCalendar () , SVG () Text () , Unknown File Types ³ ()

1 Files that do not comply with the DCF standard cannot be displayed.

2 Some files may not be able to be played.

3 These files cannot be displayed/played on your phone.


Using Files & Folders

Connecting to the Web from Folders

You can connect to the Web from within preinstalled folders in Data Folder.

- ◆ **More Pictures:** Allows you to download picture files.
- ◆ **More Videos:** Allows you to download video files.
- ◆ **More Sounds:** Allows you to download sound files.
- ◆ **More V-appli:** Allows you to download applications.

Editing Files & Folders

You can perform the following operations if you press  (Options) while viewing files or folders in Data Folder.

- ◆ **View:** Displays the selected file.
- ◆ **Open:** Opens the selected folder.
- ◆ **Connect:** Connects to the preset Web page.
- ◆ **Play:** Plays the selected file.
- ◆ **Start:** Runs an application.
- ◆ **Send:** Allows you to send the selected file as an MMS attachment, or transfer it to an infrared compatible device or Bluetooth™ compatible device.
- ◆ **Delete:** Allows you to delete just the selected file or all files within the folder. Select **One** to delete the selected file and select **All** to delete all files. However, if the folder contains a personal folder, the files within the personal folder are not deleted even if you select **All**.
- ◆ **Select Multi:** Allows you to select multiple files and then simultaneously delete, copy or move them.

Note

- Some items do not appear depending on the selected file or folder.
- Some files may not be able to be displayed, played or sent depending on their file size, content and type.
- Some files saved to a memory card from a PC or other device may not be able to be displayed/played.

Tip

To copy characters selected in a displayed text file to the clipboard (page 72), press  (Copy).

- ◆ **Memory Card/Phone Memory:** Switches the display between Data Folder in your phone and Data Folder in a memory card.
- ◆ **Details:** Displays the properties of the selected file.
- ◆ **View Settings:** If you select **Thumbnail View/List View**, you can switch the display method. If you select **Slideshow**, you can display the pictures within the folder in sequence automatically.
- ◆ **Manage Folder:** Allows you to create a new folder or edit the selected folder. You can select from **Create Folder**, **Rename Folder**, **Delete Folder** and **Folder Security**.
- ◆ **Sort by:** Changes the order that files within the selected folder appear. You can select a sort option from **Filename**, **Size**, **Date from Latest** and **Date from Oldest**.
- ◆ **Take Picture:** Activates the camera for you to take a picture. The pictures you take are saved to the Pictures folder.
- ◆ **Location:** Allows you to register and use location information. Select from **NAVI**, **Open Map**, **Start Positioning**, **To My Locations**, **Delete** and **View**.
- ◆ **Record Video:** Activates the camera for you to record a video. The videos you record are saved to the Videos folder.
- ◆ **Record Voice:** Activates the voice recorder. The recordings you record are saved to the Recordings folder.
- ◆ **Create Folder:** Allows you to create a new folder.
- ◆ **Create Message:** Displays the Create Message screen for MMS or SMS.
- ◆ **Create Template:** Allows you to create a new template.
- ◆ **Edit Template:** Allows you to edit the selected template.
- ◆ **Rename:** Allows you to change the name of the selected file.
- ◆ **Mute/Unmute:** Mutes the playback sound.
- ◆ **Search Time:** Allows you to specify a file playback start time and start playback.

- ◆ **Full Screen/Normal Screen:** Switches the screen display.
- ◆ **Hide Controller/Show Controller:** Hides or shows the controller.
- ◆ **Zoom:** Enlarges or reduces the selected picture.
- ◆ **Advanced:** Allows you to edit the selected picture.
- ◆ **Expand/Reduce:** Expands or reduces the image attached to the selected file.
- ◆ **Save Thumbnail:** Allows you to save a picture taken in Digital Camera mode as a thumbnail for sending attached to a message.
- ◆ **Save to Contacts/Save to Calendar:** Allows you to save vObjects to the Contacts list or Calendar.
- ◆ **Rewind:** Returns the play position of the video being played to the beginning.
- ◆ **Reset:** Returns a file to the state directly after it was read.
- ◆ **Save:** Allows you to save a file to your phone or a memory card.
- ◆ **Show Guidance/Hide Guidance:** Shows or hides the key guidance.
- ◆ **Security Settings:** Allows you to set the display method for the confirmation screen that appears when you attempt to use certain functions while an application is activated.

Displaying Files on a TV






Tip

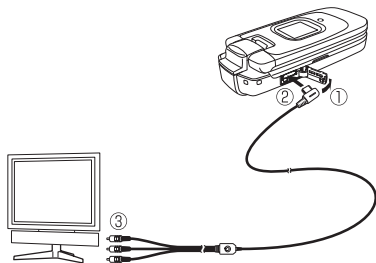
The use of a TV as a display for the camera is only possible while you are using the external camera.

You can display the video recording screen (page 121), pictures and videos in Data Folder and TV display compatible applications (page 169) on a TV.

Setting the TV System

The TV systems supported by your phone are the NTSC and PAL systems. The SECAM system is not supported.

1. In standby mode, press , select **Settings** and press  (Select).
2. Select **Phone Settings** and press  (Select).
3. Select **AV Output** and press  (Select).
4. Select **NTSC** or **PAL** and press  (Select).





Note

- The screen display cannot be switched while you are recording a video or when the delay timer is activated.
- Any of the following may automatically end TV display.
 - Closing your phone
 - Pressing the shutter
 - Ending recording of a video
 - Displaying a submenu or dialog box
 - Displaying the Multi Task screen (page 274)
 - Receiving a voice/video call
 - Receiving a message/Web information or reaching an alarm time up

TV Display

To use this feature, you need to connect your phone to the video input jacks of a TV with the video output cable.

1. Follow the procedure below to connect your phone to a TV.
 - 1) Open the AV OUT/earphone microphone jack cover of your phone.
 - 2) Insert the plug of the video output cable into the AV OUT/earphone microphone jack.
 - 3) Connect the video output cable to the video input jacks of the TV.
2. In the main display, open the screen you want to display on the TV, then press and hold .
3. Press  (Yes).

A confirmation screen appears.

The screen display switches from the main display to the TV.

To switch the screen display from the TV back to the main display, press and hold .

Using vObjects

About vObjects

vObject is a collective name for file formats that enable your phone and other vObject compatible phones, PCs and other devices to exchange and mutually use data such as Contacts list entries and Calendar data.




You can send and receive vObjects as mail attachments (page 137) or transfer them by Bluetooth™, infrared or via a USB cable. Received files can be used on your phone. If you save vObjects to a memory card, you can use them directly from other memory card compatible phones, PCs and other devices. Similarly, vObjects saved to a memory card from other phones, PCs and other devices can be used on your phone.

- ◆ vObject compatible software is required to use the data of vObjects on a PC or other device.
- ◆ Depending on the software used, vObjects may not be displayed properly.
- ◆ Depending on the contents of vObjects, the import of vObjects received from another Vodafone mobile phone, PC or other device may not be possible.
- ◆ Depending on the contents of vObjects, the exchange of vObjects between a vObject compatible phone and PC or other device may not be possible.
- ◆ When vObjects include many characters, all vObject may not be able to be sent or received.

Note







If both a face picture and location information are registered in a Contacts list entry, the location information is not saved.

Creating a vObject

1. Display the data for which you want to create a vObject.
For details on displaying the Contacts list, see page 84.
For details on displaying Calendar, see page 260.
2. Press  (Options).
3. Select **Send vCard** or **Send vCalendar** and press  (Select).
4. Select a storage place and press  (Select).
 - ◆ **To Data Folder:** Saves the data in vCard/vCalendar format to the Other Files folder in Data Folder of your phone.
 - ◆ **To Memory Card:** Saves the data in vCard/vCalendar format to the Other Files folder in Data Folder of a memory card.

Importing a vObject into a Function

You can add data imported in vObject format from another phone or PC to the Contacts list or Calendar of your phone.







1. In standby mode, press , select **Data Folder** and press  (Select).
2. Select **Other Files** and press  (Select).
3. Select a vObject and press .
4. Press  (Options).
5. Select **Save to Contacts** or **Save to Calendar** and press  (Select).

Using a Memory Card

You can check and edit pictures and other data saved to a memory card. You can also save a backup of Data Folder, Contacts list and other data in your phone to a memory card.






Formatting a Memory Card

You can use your phone to format a memory card.

- ◆ If a memory card is removed while reading or writing data, the data may be lost or the memory card may be damaged.
 - ◆ If a memory card is formatted by another device, it may not work properly with your phone. Be sure to use your phone to format a memory card.
 - ◆ Formatting a memory card deletes all data in the memory card.
1. Insert a memory card in the slot of your phone.
 2. In standby mode, press , select **Settings** and press  (Select).
 3. Select **Memory Settings** and press  (Select).
 4. Select **Memory Card** and press  (Select).
 5. Select **Format Card** and press  (Select).
 6. Enter your security code (page 52).
A confirmation screen appears.
 7. Press  (Yes).

Confirming Memory Card Usage Status

You can confirm the volume label, total memory size, used memory size and available memory size.

1. In standby mode, press , select **Settings** and press  (Select).
2. Select **Memory Settings** and press  (Select).
3. Select **Memory Card** and press  (Select).
4. Select **Card Details** and press  (Select).

Using the USIM Card

You can move or copy Contacts list entries from your phone or a memory card to the USIM card, as well as move SMS messages from your phone to the USIM card. An indicator at the top of the Contacts list screen (page 84) indicates the storage place of the Contacts list entry. The maximum number of entries you can save to the Contacts list of the USIM card differs depending on the amount of available memory space in the USIM card.










Moving Contacts List Entries

Tip

To move Contacts list entries in a memory card to the USIM card, select **Memory Card** after Step 3. After the Contacts list in the memory card appears, proceed from Step 3.

Moving Entries to the USIM Card


You can move the name and default phone number (page 88) of an entry.

1. In standby mode, press , select **Phonebook** and press  (Select).
2. Select **Contacts List** and press  (Select).
3. Press  (Options).
4. Select **Select Multi** and press  (Select).
5. Select a Contacts list entry with  and press .
To select another Contacts list entry, repeat Step 5.
6. Press  (Options).
7. Select **Move** and press  (Select).

8. Select **To USIM** and press  (Select).

- ◆ **To Phone:** Moves Contacts list entries with a check mark to the Contacts list of your phone.
- ◆ **To Memory Card:** Moves Contacts list entries with a check mark to the Contacts list of a memory card.

Moving Entries from the USIM Card

1. After Step 4 of “Moving Entries to the USIM Card” (page 204), select Contacts list entries with  and then perform the rest of the Steps.











Tip

To copy Contacts list entries in a memory card to the USIM card, select **Memory Card** after Step 3. After the Contacts list in the memory card appears, proceed from Step 3.

Copying Contacts List Entries

Copying Entries to the USIM Card


You can copy the name and default phone number (page 88) of an entry.

1. In standby mode, press , select **Phonebook** and press  (Select).
2. Select **Contacts List** and press  (Select).
3. Press  (Options).
4. Select **Select Multi** and press  (Select).
5. Select a Contacts list entry with  and press .
To select another Contacts list entry, repeat Step 5.
6. Press  (Options).
7. Select **Copy** and press  (Select).
8. Select **To USIM** and press  (Select).

◆ **To Phone:** Copies Contacts list entries with a check mark to the Contacts list of your phone.

◆ **To Memory Card:** Copies Contacts list entries with a check mark to the Contacts list of a memory card.




Copying Entries from the USIM Card

1. After Step 4 of “Copying Entries to the USIM Card” (above), select Contacts list entries with  and then perform the rest of the Steps.

Moving SMS Messages

You can move messages in Received Msgs. (page 151) and Sent Messages (page 152) of your phone and messages in your USIM card. The maximum number of messages you can save to the USIM card differs depending on the amount of available memory space in the USIM card.

Moving Messages to the USIM Card

1. In Received Msgs. or Sent Messages, select the message you want to move from your phone and press .
2. Press  (Options).
3. Select **Move to USIM** and press  (Select).
 - ◆ **Move to Phone:** Moves messages in the USIM card to your phone.

Moving Messages from the USIM Card

1. In Step 1 of “Moving Messages to the USIM Card” (above), select the messages with  and then perform the rest of the Steps.

Settings


You can make various settings to personalise your phone.

In This Chapter

- Display Settings
- Phone Profiles
- Language Setting
- Shortcut Menu
- Shortcut Keys
- External Light Settings
- Offline Mode Setting
- Answerphone
- Call Settings
- Caller ID Setting
- Using International Call Service
- Using the Stereo Handsfree Headset
- Security Settings
- Network & Internet

Display Settings









Tip

If the picture you want to set as the wallpaper does not fit the screen, press  (Options) after Step 6 and perform one of the following operations.

- **Cut:** Allows you to trim the picture to fit the screen.
- **Zoom:** Enlarges or reduces the picture and then allows you to position and trim the picture.
- **Fit to Width:** Reduces the picture to fit the width of the screen.
- **Fit to Length:** Reduces the picture to fit the height of the screen.
- **Rotate Image:** Rotates the picture 90° anticlockwise and then allows you to trim the picture.

Setting the Wallpaper

You can set a picture preinstalled in your phone or taken with the camera as the wallpaper for standby mode.








1. In standby mode, press , select **Settings** and press  (Select).
2. Select **Display Settings** and press  (Select).
3. Select **Main Display** or **External Display** and press  (Select).
4. Select **Wallpaper** and press  (Select).
5. Select a type of picture and press  (Select).
 - ◆ **Wallpaper List:** Allows you to select from pictures preinstalled in your phone.
 - ◆ **My Pictures:** Allows you to select from pictures stored in the Pictures folder of Data Folder.
 - ◆ **Off:** Sets no picture.
 - ◆ **Custom Screens:** Sets the picture set for the Custom Screens settings. **Custom Screens** appears if you selected **Main Display** in Step 3.
6. Select a picture and press .
7. Press  (Set/OK).

Tip

If the wallpaper setting (page 209) is set after the custom screens setting is set, the wallpaper set for the wallpaper setting is displayed.

Custom Screens

You can change the wallpaper and the icons and background of the main menu.

1. In standby mode, press , select **Settings** and press  (Select).
2. Select **Display Settings** and press  (Select).
3. Select **Main Display** and press  (Select).
4. Select **Custom Screens** and press  (Select).
5. Select an item and press  (View).
6. Press  (Set).

Tip

For details on the editing (changing the size, etc.) of a picture saved to Data Folder, see “Editing a Picture” (page 115).







Setting the Incoming Display

You can set a picture to appear on the main display for incoming calls. You can also set whether the other party's name and phone number appear on the external display for incoming calls.

1. In standby mode, press , select **Settings** and press  (Select).
2. Select **Call Settings** and press  (Select).
3. Select **Voice Call** or **Video Call** and press  (Select).
4. Select **Caller Details** and press  (Select).
5. Select an item and press  (Select).
 - ◆ **Incoming Picture:** Allows you to set the incoming picture. Set **Preset Picture** (default picture) or select a picture from **My Pictures** (pictures saved to the Pictures folder in Data Folder).
 - ◆ **Caller Picture:** Allows you to set the display of a face picture set for a caller in the Contacts list when a call is received from that caller. Select **On** or **Off** and press  (Select). If you want to also display the face picture on the external display, set Caller Info to **On**.
 - ◆ **Caller Info:** Allows you to set the display of the name and phone number set for a caller in the Contacts list on the external display when a call is received from that caller. Select **On** or **Off** and press  (Select).

Setting the Clock Display







Main Display

1. In standby mode, press , select **Settings** and press  (Select).
2. Select **Display Settings** and press  (Select).
3. Select **Main Display** and press  (Select).
4. Select **Clock Type Display** and press  (Select).
5. Select a clock type and press  (Select).
 - ◆ **1-line Digital:** Displays the time and date in one-line digital view.
 - ◆ **2-line Digital:** Displays the time and date in two-line digital view.
 - ◆ **Analog Clock:** Displays an analog clock.
 - ◆ **Digital + Calendar:** Displays the calendar and time in digital view.
 - ◆ **World Clock:** Displays the city name and the time and date in one-line digital view for both the home city and alternate city if the Alternate City setting is set for the world clock (page 49).
 - ◆ **Off:** Displays no time and date.







Note

You cannot switch the clock that appears in the upper right of the display to the 12-hour clock.

External Display







1. In standby mode, press , select **Settings** and press  (Select).
2. Select **Display Settings** and press  (Select).
3. Select **External Display** and press  (Select).
4. Select **Time Display** and press  (Select).
5. Select **On** or **Off** and press  (Select).

Switching between the 12-hour and 24-hour Clock

1. In standby mode, press , select **Settings** and press  (Select).
2. Select **Phone Settings** and press  (Select).
3. Select **Date&Time** and press  (Select).
4. Select **12 hour/24 hour** and press  (Select).
5. Select **12 hour** or **24 hour** and press  (Select).









Setting the Display Power Saving

You can save battery power by setting the phone to turn off the display after a specified time of inactivity elapses. You can set the display time to 30 seconds, 1 minute or 3 minutes.

1. In standby mode, press , select **Settings** and press  (Select).
2. Select **Display Settings** and press  (Select).
3. Select **Main Display** or **External Display** and press  (Select).
4. Select **Power Saving** and press  (Select).
5. Select a display time and press  (Select).







Setting the Backlights

You can adjust the brightness and lighting time of the display backlights.

1. In standby mode, press , select **Settings** and press  (Select).
2. Select **Display Settings** and press  (Select).
3. Select **Main Display** or **External Display** and press  (Select).
4. Select **Backlight Settings** and press  (Select).
5. Select an item and press  (Select).
 - ◆ **Brightness:** Allows you to set the brightness. Select **Dark** or **Bright** and press  (Select).
 - ◆ **Lighting Time:** Allows you to set the lighting time. Enter a time (0 to 60 seconds) and press  (OK).







Setting Operator Name Display

You can set whether to display the operator name in standby mode.

1. In standby mode, press , select **Settings** and press  (Select).
2. Select **Display Settings** and press  (Select).
3. Select **Main Display** and press  (Select).
4. Select **Operator Name** and press  (Select).
5. Select **On** or **Off** and press  (Select).






Setting the Display of Cell Information

You can set whether the cell information sent from a base station is displayed in standby mode when you use your phone on a mobile phone network based on Micro Cellular Network (MCN) technology.




1. In standby mode, press , select **Settings** and press  (Select).
2. Select **Display Settings** and press  (Select).
3. Select **Main Display** and press  (Select).
4. Select **Cell Information** and press  (Select).
5. Select **On** or **Off** and press  (Select).

Adjusting the Contrast of the External Display

You can adjust the contrast of the external display to one of nine levels.

1. In standby mode, press , select **Settings** and press  (Select).
2. Select **Display Settings** and press  (Select).
3. Select **External Display** and press  (Select).
4. Select **Contrast** and press  (Select).
5. Close your phone.

A screen for adjusting the contrast appears on the external display.

6. Use the side keys ( and ) to adjust the contrast, open your phone and press  (OK).

Phone Profiles

Note

When your phone is connected to an in-car device or a wireless headset via Bluetooth™, the incoming ringtone for Bluetooth™ plays.

Tip

To switch the phone profile to Silent, press and hold  in standby mode. To switch back to previous profile, press and hold  in standby mode.

Set and customise sound and vibration settings. Your phone has four preset profiles. You can change the sound and vibration settings of each profile.



Normal: Profile for ordinary use.



Silent: Profile for when you do not want your phone to emit any sound.










Car: Profile for using handsfree while you are driving.




Meeting: Profile for meetings, etc.

Switching Profiles

1. In standby mode, press , select **Settings** and press  (Select).
2. Select **Mode Settings** and press  (Select).
3. Select a profile and press .

If a profile other than Normal is set, the indicator ( /  / ) for the profile appears at the top of the display.











Tip

- You can also set Normal mode if you press  in standby mode, select **Settings** and then select **Sound Settings**.
- Only the vibration and alarm settings can be changed for Silent profile.

Personalising Profiles

Personalising the Ringtone Volume



For any profile except Silent, you can set the ringtone volume.

1. After Step 2 of “Switching Profiles” (page 217), select **Normal**, **Car** or **Meeting** and press  (Options).
2. Select **Personalise** and press  (Select).
3. Select **Ringtone Volume** and press  (Select).
4. Select **Voice Call**, **Video Call** or **Received Message** and press  (Select).
5. Use  to adjust the volume and press  (OK).
Use  or  to increase the volume and use  or  to decrease the volume.

Note





- If a video file is set as the ringtone, the video is displayed for incoming calls and the picture set as the incoming picture (page 211) is not displayed.
- A video file cannot be set as the ringtone for incoming messages.

Tip




- You can also set Normal mode if you press  in standby mode, select **Settings** and then select **Sound Settings**.
- To set the ringtone duration for incoming messages, select **Received Message** in Step 4, press  (Options) and select **Ringtone Duration**.

Personalising the Ringtone

For any profile except Silent, you can set a preinstalled sound in your phone or a sound or video in Data Folder as the ringtone.

1. After Step 2 of "Switching Profiles" (page 217), select **Normal**, **Car** or **Meeting** and press  (Options).
2. Select **Personalise** and press  (Select).
3. Select **Assign Ringtone** and press  (Select).
4. Select **Voice Call**, **Video Call** or **Received Message** and press  (Select/Options).


If you selected **Received Message**, select **Ringtone** and press  (Select).

5. Select a type of tone and press  (Select).
 - ◆ **Preset Patterns:** Allows you to select from patterns preinstalled in your phone.
 - ◆ **Preset Sounds:** Allows you to select from melodies and sound effects preinstalled in your phone.
 - ◆ **My Sounds:** Allows you to select from sound and video files stored in Data Folder.
6. Select a tone and press .
7. Press  (Assign).







Tip

You can also set Normal mode if you press  in standby mode, select **Settings** and then select **Sound Settings**.

Tip










You can also set Normal mode if you press  in standby mode, select **Settings** and then select **Sound Settings**.

Personalising the Vibration

1. After Step 2 of “Switching Profiles” (page 217), select a profile and press  (Options).
2. Select **Personalise** and press  (Select).
3. Select **Vibration** and press  (Select).
4. Select **Voice Call**, **Video Call** or **Received Message** and press  (Select).
If you selected **Silent** in Step 1, select **On** or **Off** and press  (Select).
5. Select a vibration pattern and press .

Personalising the Keypad Tone Volume

For any profile except Silent, you can set the keypad tone volume.

1. After Step 2 of “Switching Profiles” (page 217), select **Normal**, **Car** or **Meeting** and press  (Options).
2. Select **Personalise** and press  (Select).
3. Select **Keypad Volume** and press  (Select).
4. Use  to adjust the volume and press  (OK).
Use  or  to increase the volume and use  or  to decrease the volume.

Tip





You can also set Normal mode if you press  in standby mode, select **Settings** and then select **Sound Settings**.

Tip

You can also set Normal mode if you press  in standby mode, select **Settings** and then select **Sound Settings**.











Personalising the Keypad Tone

For any profile except Silent, you can set the keypad tone.

1. After Step 2 of “Switching Profiles” (page 217), select **Normal**, **Car** or **Meeting** and press  (Options).
2. Select **Personalise** and press  (Select).
3. Select **Keypad Tones** and press  (Select).
4. Select **Original 1** or **Original 2** and press  (Select).

Personalising the Sound Effects Volume

For any profile except Silent, you can set the volume level of each of the sound effects for turning on/off the power, opening/closing your phone and errors.










1. After Step 2 of “Switching Profiles” (page 217), select **Normal**, **Car** or **Meeting** and press  (Options).
2. Select **Personalise** and press  (Select).
3. Select **Sound Effects Vol.** and press  (Select).
4. Select an item and press  (Select).
5. Use  to adjust the volume and press  (OK).
Use  or  to increase the volume and use  or  to decrease the volume.

Tip

You can also set Normal mode if you press  in standby mode, select **Settings** and then select **Sound Settings**.

Personalising the Sound Effects Tones


For any profile except Silent, you can set each of the sound effects for turning on/off the power and opening/closing your phone.

1. After Step 2 of “Switching Profiles” (page 217), select **Normal**, **Car** or **Meeting** and press  (Options).
2. Select **Personalise** and press  (Select).
3. Select **Sound Effects** and press  (Select).
4. Select an item and press  (Select).
5. Select a type of tone and press  (Select).
 - ◆ **Preset Pattern:** Allows you to set the default sound effect.
 - ◆ **Preset Sounds:** Allows you to select from melodies and sound effects preinstalled in your phone. Select a sound, press  and then press  (Assign).
 - ◆ **My Sounds:** Allows you to select from sound files stored in Data Folder. Select a sound, press  and then press  (Assign).

Tip










You can also set Normal mode if you press  in standby mode, select **Settings** and then select **Sound Settings**.

Tip

You can also set Normal mode if you press  in standby mode, select **Settings** and then select **Sound Settings**.





Personalising the Multimedia Volume

For any profile except Silent, you can set the volume level for messaging, Vodafone live! and playing sound data in Data Folder.

1. After Step 2 of "Switching Profiles" (page 217), select **Normal**, **Car** or **Meeting** and press  (Options).
2. Select **Personalise** and press  (Select).
3. Select **Multimedia Volume** and press  (Select).
4. Use  to adjust the volume and press  (OK).
Use  or  to increase the volume and use  or  to decrease the volume.

Personalising the Battery Alarm Tone

When the battery level is very low and your phone is about to run out of power, the battery alarm tone plays. For any profile except Silent, you can set whether to play the battery alarm tone.





1. After Step 2 of "Switching Profiles" (page 217), select **Normal**, **Car** or **Meeting** and press  (Options).
2. Select **Personalise** and press  (Select).
3. Select **Battery Alarm** and press  (Select).
4. Select **On** or **Off** and press  (Select).

Note

Whether an alarm tone plays in Normal profile and Car profile depends on the alarm (page 264) and Calendar (page 260) settings.




Personalising the Alarm Tone

You can set whether the alarm tone plays for Silent profile and Meeting profile.

1. After Step 2 of "Switching Profiles" (page 217), select **Silent** or **Meeting** and press  (Options).
2. Select **Personalise** and press  (Select).
3. Select **Alarm** and press  (Select).
4. Select **On** or **Off** and press  (Select).

Resetting Profiles

You can reset the settings of each profile.






1. After Step 2 of "Switching Profiles" (page 217), select a profile and press  (Options).
2. Select **Set to Default** and press  (Select).
3. Enter your security code (page 52).
A confirmation screen appears.
4. Press  (Yes).

Language Setting

Tip

If the language is set to **Automatic**, the language is set automatically in accordance with the language priority setting of the USIM card. If your phone does not support the language set for the USIM card, the default language of your phone is selected.

You can change the display language.





1. In standby mode, press , select **Settings** and press  (Select).
2. Select **Phone Settings** and press  (Select).
3. Select 言語選択 and press  (Select).
4. Select a language or **Automatic** and press  (Select).

Shortcut Menu

If you register frequently used functions in the Shortcut menu, you can access them quickly and easily.



Setting the Shortcut Menu

You can set up to nine frequently used functions.


1. In standby mode, press .
2. Select **<Empty>** and press .
3. Press  (Yes).
4. Select a function and press  (Select).

If you selected **Data Folder** or **Contacts List**, you can set a shortcut for a file, folder or Contacts list entry. Select the item you want to set.

Accessing a Function from the Shortcut Menu

1. In standby mode, press .
2. Select a function and press .

Tip







To edit a name, cancel a setting or switch the view (**Thumbnail View/ List View**), select a function in Step 2 and press  (Options).

Shortcut Keys

This feature allows you to access a function from standby mode easily and quickly by pressing a side key (○) or navigation key. You can change the functions accessed.

Setting the Side Shortcut Key Function





You can change the function accessed if you simply press and hold a side key (○) from standby mode. The functions you can set are NAVI (page 183), Main menu (page 51), Calendar (page 260), Profile switch (page 217) and Torch (page 279).














1. In standby mode, press , select **Settings** and press  (Select).
2. Select **Phone Settings** and press  (Select).
3. Select **Shortcuts** and press  (Select).
4. Select **Side Key** and press  (Select).
5. Select a function and press  (Select).

Tip

To reset which functions are assigned to the navigation keys, select **Set to Default** after Step 5.

Setting the Navigation Key Shortcuts

You can change the functions accessed when you press the navigation keys , ,  and  from standby mode. The functions you can set are Shortcut menu (page 226), Phonebook (page 84), Dialed Numbers (page 57) and Received Calls (page 57).








1. In standby mode, press , select **Settings** and press  (Select).
2. Select **Phone Settings** and press  (Select).
3. Select **Shortcuts** and press  (Select).
4. Select **Navigation Keys** and press  (Select).
5. Press  (Options).
6. Select **Change** and press  (Select).
7. Select the function you want to assign to  and press  (Select).
8. Select the function you want to assign to  and press  (Select).
9. Select the function you want to assign to  and press  (Select).

The remaining function is assigned automatically to .

External Light Settings








Setting the Notification External Light

If you have unchecked information (missed calls, unread messages and Voice Mail), the external light flashes when your phone is closed. You can select from three colours for the flashing of the external light or set the external light not to flash.

1. In standby mode, press , select **Settings** and press  (Select).
2. Select **Phone Settings** and press  (Select).
3. Select **External Light** and press  (Select).
4. Select **Notification** and press  (Select).
5. Select **Missed Calls**, **Messages** or **Voice Mail** and press  (Select).
6. Select a colour and press  (Select).

Setting the Incoming External Light

You can select from five colours for the external light that flashes when you have an incoming voice call, video call or message. You can also set the external light not to flash.






1. In standby mode, press , select **Settings** and press  (Select).
2. Select **Phone Settings** and press  (Select).
3. Select **External Light** and press  (Select).
4. Select **Incoming** and press  (Select).
5. Select **Voice Call**, **Video Call** or **Messaging** and press  (Select).
6. Select a colour and press  (Select).

Offline Mode Setting

Note

You can still make calls to 110 (police), 119 (fire and ambulance) and 118 (coast guard) when offline mode is set.

You can use offline mode to block signal reception and transmission without turning off the power. Offline mode disables the use of network services for making and receiving calls, sending and receiving messages, etc.

1. In standby mode, press , select **Settings** and press  (Select).
2. Select **Phone Settings** and press  (Select).
3. Select **Offline Mode** and press  (Select).
4. Select **On** and press  (Select).


The  indicator appears at the top of the display.

Answerphone

Note

The answerphone is unavailable for video calls and call waiting.

Tip







You can also set the answerphone if you press and hold  in standby mode.

Tip

- You can also display the Answerphone list if you press  in standby mode.
- To delete a message, press  (Options) after Step 1.



This feature can record a caller's message when you are unable to answer a voice call. Your phone can store up to 3 messages and each message can be up to 15 seconds long.

Setting the Answerphone



1. In standby mode, press , select **Settings** and press  (Select).
2. Select **Call Settings** and press  (Select).
3. Select **Answerphone** and press  (Select).
4. Select **Setting** and press  (Select).
5. Select **On** and press  (Select).

The  indicator appears on the standby screen.

Setting the Ringing Duration

1. After Step 3 of "Setting the Answerphone" (above), select **Ringing Duration** and press  (Select).
2. Enter the ringing duration (0 to 60 seconds) and press  (OK).








Playing a Message

1. After Step 3 of "Setting the Answerphone" (above), select **Recordings** and press  (Select).
The Answerphone list appears.
2. Select a message and press .

Call Settings







Setting the Auto Answer

You can answer a call without having to press a key while the stereo handsfree headset is connected. You can also change the length of time before a call is answered.

1. In standby mode, press , select **Settings** and press  (Select).
2. Select **Call Settings** and press  (Select).
3. Select **Voice Call** and press  (Select).
4. Select **Auto Answer** and press  (Select).
5. Select **On** and press  (Select).
6. Enter the answer time (1 to 29 seconds) and press  (OK).







Setting Mute

You can mute the outgoing voice or both the outgoing voice and incoming voice for calls.

1. In standby mode, press , select **Settings** and press  (Select).
2. Select **Call Settings** and press  (Select).
3. Select **Voice Call** or **Video Call** and press  (Select).
4. Select **Mute** and press  (Select).
5. Select **Mute My Voice**, **Mute All** or **Off** and press  (Select).












Enabling/Disabling Incoming Voice Calls during Data Communication

You can set whether to receive incoming voice calls during data communication.

1. In standby mode, press , select **Settings** and press  (Select).
2. Select **Call Settings** and press  (Select).
3. Select **Voice Call** and press  (Select).
4. Select **Call Priority** and press  (Select).
5. Select **Enable** or **Disable** and press  (Select).







Setting the Earpiece/Speaker Volume

You can set the earpiece/speaker volume for voice calls and video calls.







1. In standby mode, press , select **Settings** and press  (Select).
2. Select **Call Settings** and press  (Select).
3. Select **Common Settings** and press  (Select).
4. Select a volume and press  (Select).
 - ◆ **Earpiece Volume:** Allows you to set the volume for sound heard from the earpiece.
 - ◆ **Speaker Volume:** Allows you to set the volume for sound heard from the speaker.
5. Use  to adjust the volume and press  (OK).
Use  or  to increase the volume and use  or  to decrease the volume.







Setting the Open to Answer

This feature allows you to answer an incoming call by simply opening your phone.

1. In standby mode, press , select **Settings** and press  (Select).
2. Select **Call Settings** and press  (Select).
3. Select **Common Settings** and press  (Select).
4. Select **Open to Answer** and press  (Select).
5. Select **On** or **Off** and press  (Select).


Setting the Any Key Answer

You can set the keys to use to answer calls. If you set **On**, you can answer voice or video calls with any of  to ,  and , in addition to  or .

1. In standby mode, press , select **Settings** and press  (Select).
2. Select **Call Settings** and press  (Select).
3. Select **Common Settings** and press  (Select).
4. Select **Any Key Answer** and press  (Select).
5. Select **On** or **Off** and press  (Select).








Caller ID Setting

Tip

Even if Auto Prefix is not set, you can press  (Options) while a phone number is displayed, select **Hide My ID** or **Show My ID** and then make a call.



You can set whether to notify the other party of your phone number when you make a call.

Automatically Hiding/Showing Caller ID

1. In standby mode, press , select **Settings** and press  (Select).
2. Select **Call Settings** and press  (Select).
3. Select **Voice Call** and press  (Select).
4. Select **Prefix Settings** and press  (Select).
5. Select **Auto Prefix** and press  (Select).
6. Select **Hide My ID**, **Show My ID** or **Off** and press  (Select).

Hiding Caller ID when Calling from Missed Calls






You can set not to notify the other party of your phone number when you select and call a phone number in Missed Calls (page 57) that is not stored in the Contacts list.

1. After Step 4 of “Automatically Hiding/Showing Caller ID” (above), select **Hide to Missed Call** and press  (Select).
2. Select **On** and press  (Select).







Using International Call Service

When making an international call, you can simply add the international code (Vodafone international access code, 0046 + 010) and then select a country code from a list after entering the other party's phone number. You can also change the international code and add entries to the country code list.

Adding the International Code & Country Code

1. In standby mode, enter a phone number and press  (Options).
2. Select **International Call** and press  (Select).
3. Select the country of the other party and press .
4. Select **Japan** or **Abroad** and press  (Select).
5. Press .

Changing the International Code

1. In standby mode, press , select **Settings** and press  (Select).
2. Select **Call Settings** and press  (Select).
3. Select **Voice Call** and press  (Select).
4. Select **International Call** and press  (Select).
5. Select **International Code** and press  (Select).

The current international code setting appears.

6. Enter a number and press  (OK).






To delete the international code, press and hold .

Note

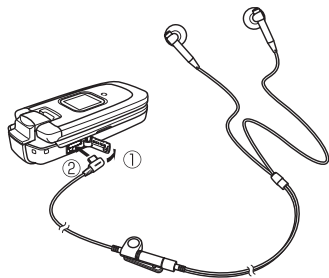
You can edit or delete entries after Step 2. However, only the entries for the three additional country codes can be deleted.

Adding an Entry to the Country Code List

The country code list already includes the country codes of 17 countries. You can also edit and add entries. The list can contain up to 20 entries.

1. After Step 4 of “Changing the International Code” (page 238), select **Country List** and press  (Select).
2. Press  (Options).
3. Select **Add** and press  (Select).
4. Enter a country name and press .
5. Enter a country code and press  (OK).








Using the Stereo Handsfree Headset



If you use the stereo handsfree headset with switch, simply pressing the switch of the stereo handsfree headset allows you to dial a preset phone number or answer a call without even opening your phone.

1. Open the earphone microphone jack cover.
2. Insert the plug of the stereo handsfree headset into the earphone microphone jack.

Setting the Phone Number


1. In standby mode, press , select **Settings** and press  (Select).
2. Select **Call Settings** and press  (Select).
3. Select **Voice Call** and press  (Select).
4. Select **Earphone Call** and press  (Select).
5. Select **On** and press  (Select).
6. Select the input method for the phone number and press  (Select).

- ◆ **Set Number:** Allows you to directly enter a phone number.
- ◆ **From Contacts:** Allows you to select a phone number from the Contacts list (page 84).


Note

Making a call with the stereo handsfree headset is only possible from standby mode.

One-touch Calling


1. Press and hold the switch of the stereo handsfree headset.
Short beeps are heard from the earphone and a call is made to the preset phone number.
If you press and hold the switch again during dialling, a beep is heard and the call is cancelled.
2. Press and hold the switch of the stereo handsfree headset to end the call.
A beep is heard from the earphone and the call ends.
Alternatively, you can press  to end the call.

One-touch Answering

1. A call is received.
2. Press and hold the switch of the stereo handsfree headset.
Short beeps are heard from the earphone and a connection is established.
If the caller made a video call, the video call begins.
3. Press and hold the switch of the stereo handsfree headset to end the call.
A beep is heard from the earphone and the call ends.
Alternatively, you can press  to end the call.

Security Settings









Tip


To check details or edit/delete a phone number, select a phone number after Step 6 and press  (Options).

Rejecting Incoming Calls

Adding Phone Numbers to the Rejection List







You can save up to 20 phone numbers to the Rejection list to reject calls from those phone numbers.

1. In standby mode, press , select **Settings** and press  (Select).
2. Select **Security Settings** and press  (Select).
3. Select **Reject Calls** and press  (Select).
4. Select **Select Contact** and press  (Select).
5. Select **On** and press  (Select).
6. Enter your security code (page 52).
7. Press  (Add).
8. Select the input method for the phone number and press  (Select).
 - ◆ **From Phonebook:** Allows you to select the phone number you want to add from the Contacts list (page 84).
 - ◆ **Set Number:** Allows you to directly enter a phone number.
 - ◆ **From Call Log:** Allows you to select a phone number from the call log (page 57).

To add a second or subsequent phone number, press  (Options) after Step 6, select **Add** and proceed from Step 8.


Rejecting Specific Incoming Calls

You can set your phone to reject calls with no Caller ID or calls from phone numbers not in the Contacts list.

1. In standby mode, press , select **Settings** and press  (Select).
2. Select **Security Settings** and press  (Select).
3. Select **Reject Calls** and press  (Select).
4. Select the type of call you want to reject and press  (Select).
 - ◆ **Hidden:** Rejects calls with no Caller ID.
 - ◆ **Public Phone:** Rejects calls from pay phones.
 - ◆ **Unavailable:** Rejects calls for which the Caller ID cannot be displayed.
 - ◆ **Unknown:** Rejects calls from phone numbers not in the Contacts list.
 - ◆ **Select Contact:** Rejects calls from phone numbers in the Rejection list (page 242).
5. Select **On** and press  (Select).








Rejecting Messages

Tip

To check details or edit/delete an email address or phone number, select the email address or phone number after Step 5 and press  (Options).

Adding an Email Address or Phone Number to the Rejection List

You can add up to 50 email addresses or phone numbers to the Rejection list to reject messages from those email addresses and phone numbers.

1. In standby mode, press , select **Settings** and press  (Select).
2. Select **Security Settings** and press  (Select).
3. Select **Reject Addresses** and press  (Select).
4. Select **On** and press  (Select).
5. Enter your security code (page 52).
6. Press  (Add).
7. Select an input method for the email address or phone number and press  (Select).
 - ◆ **From Contacts:** Allows you to select an email address or phone number from the Contacts list (page 84).
 - ◆ **Enter Addresses:** Allows you to directly enter an email address or phone number.







To add a second or subsequent email address or phone number, press  (Options) after Step 5, select **Add** and proceed from Step 7.

PIN Codes

You can set the PIN code (page 41) used for USIM card security.








Setting PIN1 Code Request

You can set whether to request the entering of your PIN1 code to perform verification each time a USIM card is inserted into the phone and the power is turned on.

1. In standby mode, press , select **Settings** and press  (Select).
2. Select **Security Settings** and press  (Select).
3. Select **PIN1 Code Request** and press  (Select).
4. Select **On** and press  (Select).
5. Enter your PIN1 code and press  (OK).

Changing PIN Codes

You can change the PIN1 code and PIN2 code (page 41).

1. In standby mode, press , select **Settings** and press  (Select).
2. Select **Security Settings** and press  (Select).
3. Select **Change PIN1** or **Change PIN2** and press  (Select).
4. Enter your current PIN1 code or PIN2 code and press  (OK).
5. Enter your new PIN1 code or PIN2 code and press  (OK).
6. Re-enter your new PIN1 code or PIN2 code for confirmation and press  (OK).

Note

This setting may not be available for some types of USIM card.

Note




Set PIN1 Code Request to **On** before you change a PIN1 code (above).

Note

If the PUK1/PUK2 code is incorrectly entered ten times in a row, the USIM lock is set. If the USIM lock is set, it cannot be cancelled. Contact Vodafone General Information.





Cancelling the PIN Lock

If the PIN1 code or PIN2 code is incorrectly entered three times in a row, the PIN1/PIN2 lock is set. You can cancel the PIN1/PIN2 lock by entering a personal unblocking key code (PUK1/PUK2 code). For details on the personal unblocking key codes, contact Vodafone General Information.

1. Enter the PUK1/PUK2 code in the PUK1/PUK2 code input screen and press  (OK).
2. Enter your new PIN1 code or PIN2 code and press  (OK).
3. Re-enter your new PIN1 code or PIN2 code for confirmation and press  (OK).

Changing the Security Code

You can change the security code (page 52) required to use some functions and modify the settings of your phone. The initial security code is "9999" or the four-digit number you selected when you concluded your contract.

1. In standby mode, press , select **Settings** and press  (Select).
2. Select **Security Settings** and press  (Select).
3. Select **Change Password** and press  (Select).
4. Enter your current security code (page 52).
5. Enter your new security code.
6. Re-enter your new security code for confirmation.

Note

When the phone lock is set, the information prompt (page 38) does not appear.

Tip






When the phone lock is set, you can still perform the following operations.

- Turn the power on and off.
- Cancel the phone lock temporarily.
- Make calls to 110 (police), 119 (fire and ambulance) and 118 (coast guard).
- Answer voice calls and video calls (but the Open to Answer and Any Key Answer functions are unavailable).
- Place calls on hold (page 54).
- Divert calls (page 63).
- Reject calls (page 54).
- Adjust the ringtone volume while a call is being received (page 54).
- Stop the alarm.
- Pause the V-appli (page 169) set to run in standby mode.

Phone Lock

The phone lock allows you to lock the keys to prevent another person from using your phone without entering your security code (page 52). When the phone lock is set, "Phone Lock" appears in standby mode. Until you set the phone lock to **Off**, the keys are locked each time the power is turned on.

Setting Phone Lock

1. In standby mode, press , select **Settings** and press  (Select).
2. Select **Security Settings** and press  (Select).
3. Select **Phone Lock** and press  (Select).
4. Enter your security code (page 52).
5. Select **On** and press  (Select).

The  indicator appears on the standby screen.

Cancelling the Phone Lock Temporarily

1. Enter your security code while the phone lock is set and press  (OK).

The  indicator disappears.

To cancel the phone lock, cancel the lock temporarily and then set it to **Off**.

Note

The Fixed Dialling Numbers setting is only available when you are using a USIM card that supports Fixed Dialling Numbers.








Tip

You can still make calls to 110 (police), 119 (fire and ambulance) and 118 (coast guard) when Fixed Dialling Numbers is set to **On**.

Fixed Dialling Numbers

You can restrict the making of calls and sending of messages to only phone numbers in the Fixed Dialling Number list of the USIM card.


Setting Fixed Dialling Numbers

1. In standby mode, press , select **Settings** and press  (Select).
2. Select **Security Settings** and press  (Select).
3. Select **Fixed Dialling No.** and press  (Select).
4. Select **Setting** and press  (Select).
5. Enter your PIN2 code and press  (OK).
6. Select **On** and press  (Select).

Note













Before performing this operation, set the Fixed Dialling Number setting to **On** beforehand (page 248).

Tip

To display details, make a call, create a message or delete/edit a phone number, select a phone number after Step 4 and press  (Options).

Adding Phone Numbers to the Fixed Dialling Number List

The maximum number of phone numbers you can add to the Fixed Dialling Numbers list differs depending on the USIM card.

1. In standby mode, press , select **Settings** and press  (Select).
2. Select **Security Settings** and press  (Select).
3. Select **Fixed Dialling No.** and press  (Select).
4. Select **Edit Dial List** and press  (Select).
5. Select **<Empty>** and press  (Add).
6. Enter your PIN2 code and press  (OK).
7. Select **Name** or **Dial Number** and press  (Options).
8. Select **Edit** and press  (Select).
9. Enter a name or phone number and press .
10. Press  (Options) after setting the items.
11. Select **OK** and press  (Select).

Note

When the key guard is set, the information prompt (page 38) does not appear.

Tip

When the key guard is set, you can still perform the following operations.

- Cancel the key guard.
- Make calls to 110 (police), 119 (fire and ambulance) and 118 (coast guard).
- Answer voice calls and video calls (but the Open to Answer and Any Key Answer functions are unavailable).
- Record answerphone messages (page 54).
- Place calls on hold (page 54).
- Divert calls (page 63).
- Reject calls (page 54).
- Adjust the ringtone volume while a call is being received (page 54).
- Stop the alarm.
- Pause the V-appli (page 169) set to run in standby mode.
- Use one-touch calling from a stereo handsfree headset (page 240).

Key Guard

The key guard allows you to disable the keys to prevent unintentional operations while your phone is in your bag or pocket.

Setting the Key Guard

1. In standby mode, press and hold .

The  indicator appears on the standby screen.






Cancelling the Key Guard

1. Press and hold  while the key guard is set.

The  indicator disappears.

Setting Secret Mode






You can set whether to show Contacts list entries saved as secret (page 79). Set secret mode to **On** if you want to show secret entries and set secret mode to **Off** if you want to hide secret entries.

1. In standby mode, press , select **Settings** and press  (Select).
2. Select **Security Settings** and press  (Select).
3. Select **Secret Mode** and press  (Select).
4. Enter your security code (page 52).
5. Select **On** and press  (Select).

The  indicator appears on the standby screen.

Initialising Your Phone

You can delete all saved data such as Contacts list entries, Data Folder files and messages, as well as reset all function settings.

1. In standby mode, press , select **Settings** and press  (Select).
2. Select **Memory Settings** and press  (Select).
3. Select **Phone Memory** and press  (Select).
4. Select **Clear Memory** and press  (Select).
5. Enter your security code (page 52).

A confirmation screen appears.

6. Press  (Yes).

Your phone is initialised and then automatically turned off and on.

Note

This operation does not reset the data of the USIM card and a memory card.

Tip

To view an approximate indication of the memory status for messages, Data Folder, Contacts list and Calendar, select **Memory Status** after Step 3.

Network & Internet









Tip

Note that you may no longer be able to connect to the home network if the settings are set incorrectly.

You can set the network (telecommunications carrier) and system mode to use. You can also set the network connection information for using the Web and email.

Selecting the Network

You can set the network by selecting an available network in your current area automatically or selecting a network manually from a list.








1. In standby mode, press , select **Settings** and press  (Select).
2. Select **Network Settings** and press  (Select).
3. Select **Select Network** and press  (Select).
4. Select **Select Network** and press  (Select).
5. Select an item and press  (OK).
 - ◆ **Automatic:** Selects an available network automatically.
 - ◆ **Manual:** Allows you to select a network from the displayed list and connect to the network. Available networks are indicated by the  or  indicator.

Tip

To delete an added network, select the network you want to delete after Step 1, press  (Options) and select **Delete**.




Adding a Network

You can add up to five new networks.

1. After Step 3 of “Selecting the Network” (page 252), select **Add New Network** and press  (Select).
2. Select **<Empty>** and press  (Options).
3. Select **Edit** and press  (Select).
4. Select an item and press .
5. Enter the item and press .
6. Press  (Options) after the settings the items.
7. Select **Save** and press  (Select).

Preferred Setting

In the Preferred Network list, you can set the priority order for selecting networks.











1. After Step 3 of “Selecting the Network” (page 252), select **Set Preferred** and press  (Select).
2. Press  (Options).
3. Select an operation and press  (Select).
 - ◆ **Add:** Allows you to select a network from the Network list and add it to the bottom of the Preferred Network list.
 - ◆ **Insert:** Allows you to select a network from the Network list and insert it in a specified place in the Preferred Network list.
 - ◆ **Move:** Allows you to select a network and change the order by moving the network in the list.
 - ◆ **Delete:** Deletes the selected network.

Note

If you set the system mode to **UMTS Only** or **GSM Only**, you cannot make or receive any calls, including emergency calls to 110 (police), 119 (fire and ambulance) and 118 (coast guard), when the selected network is unavailable. Functions that use a network connection are also unavailable. In such a case, change the setting for the system mode.

Setting the System Mode

You can set the phone to select the system mode from UMTS (3G) or GSM automatically or set the system mode fixed to UMTS or GSM. Setting **UMTS Only** when using your phone in Japan and **Dual** when using your phone overseas is recommended.









1. In standby mode, press , select **Settings** and press  (Select).
2. Select **Network Settings** and press  (Select).
3. Select **System Mode** and press  (Select).
4. Select an item and press  (Select).
 - ◆ **Dual**: Selects the available system mode automatically. If both system modes are available, the phone selects your preferred mode. Select **UMTS** or **GSM** and press  (Select). To change the GSM preferred area, press  (Yes), select **Europe, Asia, etc** or **America** and press  (Select).
 - ◆ **UMTS Only**: Sets the system mode to UMTS only.
 - ◆ **GSM Only**: Sets the system mode to GSM only. To change the area, press  (Yes), select **Europe, Asia, etc** or **America** and press  (Select).

Application Settings



You can set and edit the network connection information for the browser, MMS and other applications individually.

Setting the Network Connection Information


You can set all the network connection information (network access point, proxy, etc.) for each application.

1. In standby mode, press , select **Settings** and press  (Select).
2. Select **Network Settings** and press  (Select).
3. Select **Settings** and press  (Select).
4. Select an application and press  (Select).
5. Select **<Empty>** and press  (Options).
6. Select **Edit** and press  (Select).
7. Select an item and press .
8. Enter/select information.



For each item, press  or  (OK) and set the information.

9. Press  (Options) after the settings the items.
10. Select **Save** and press  (Select).



A confirmation screen appears.

11. Press  (Yes).

Tip

To display, edit, copy or delete connection information, select connection information after Step 1 and press  (Options). However, any profile indicated by  cannot be displayed, edited or copied.

Tip












To display, edit, copy or delete NAP information, select information after Step 3 and press  (Options). However, any profile indicated by  cannot be displayed or copied.

Modifying Application Settings





1. After Step 3 of “Setting the Network Connection Information” (page 255), select an application and press .
2. Select a connection information and press .

Internet Settings

You can edit the network access point (NAP) information used when modifying application settings (above).






1. In standby mode, press , select **Settings** and press  (Select).
2. Select **Network Settings** and press  (Select).
3. Select **Internet** and press  (Select).
4. Select **<Empty>** and press  (Add).
5. Select an item and press .
6. Enter/select information.
For each item, press  or  (OK) and set the information.
7. Press  (Options) after the settings the items.
8. Select **Save** and press  (Select).
A confirmation screen appears.
9. Press  (Yes).

Note

The first time you turn on the power after purchasing your phone, a prompt for retrieving network connection information appears if you press , ,  or .










Retrieving Network Information

Before you can use Vodafone live!, you need to retrieve the network connection information.

1. In standby mode, press , select **Settings** and press  (Select).
2. Select **Network Settings** and press  (Select).
3. Select **Retrieve NW Info.** and press  (Select).
A confirmation screen appears.
4. Press  (Yes).

External Device Setting

You can set the access point name (APN) of the network information to write to your phone in order to perform packet communication from an external device such as a PC.

1. In standby mode, press , select **Settings** and press  (Select).
2. Select **Network Settings** and press  (Select).
3. Select **External Device** and press  (Select).
4. Select **<Empty>** and press  (Options).
5. Select **Edit** and press  (Select).
6. Enter the access point name and press  (Options).
7. Select **OK** and press  (Select).
A confirmation screen appears.
8. Press  (Yes).

Convenient Functions

Your phone includes various convenient functions.

In This Chapter

- **USIM-appli**
- **Calendar**
- **Alarms**
- **Calculator**
- **Converter**
- **Voice Recorder**
- **Countdown Timer**
- **Notepad**
- **Number Memo**
- **World Clock**
- **Multi Task**
- **Barcode**
- **Flashlight**
- **Sending Touch Tones**

USIM-appli

Note

A name other than USIM-appli may appear depending on the type of USIM card.

If there are applications installed on the USIM card, you can run an application if you follow the procedure below.

1. In standby mode, press , select **Tools** and press  (Select).
2. Select **USIM-appli** and press  (Select).

A menu appears. Follow the on-screen instructions.

Calendar



Month View Screen







Note




- If you change the Home City setting (page 49) in the clock settings, the start and end dates and times of appointments are automatically changed to those in the time zone of the city. Also, when DST (Daylight Saving Time) is set to **On**, the start and end dates and times are automatically changed for summer time.
- If the power is turned off at the specified time, it turns on automatically to start the alarm.
- When the mode settings (page 217) is set to **Silent** or **Meeting** and the alarm is set to **Off**, the alarm does not play.

Calendar allows you to save your appointments and use your phone as a scheduler.


Adding a New Appointment

You can save up to 100 appointments.

1. In standby mode, press , select **Tools** and press  (Select).
2. Select **Calendar** and press  (Select).
3. Press  (Options).
4. Select **New Appointment** and press  (Select).
5. Select an item and press .
 - ◆ **Title:** Allows you to enter the title (up to 16 characters) of the appointment.
 - ◆ **Start Date&Time:** Allows you to set the start date and time for the appointment. To set both the date and time, select **Date&Time**. To select only the date, select **Date only**.
 - ◆ **End Date&Time:** Allows you to set the end date and time for the appointment.
 - ◆ **No Repeat/Daily/Weekly/Monthly/Yearly/End of Month:** Allows you to set a repeat interval and period for the appointment. If you set **Monthly** for the 29th, 30th or 31st, the repeat is only set for months that include that date. If you set the start date to the last day of the month, you can set the setting to **End of Month**.
 - ◆ **Memo:** Allows you to enter the contents (up to 128 characters) of the appointment.

- ◆ **Alarm:** Allows you to set the alarm. Select **On** and then set the alarm date and time, alarm tone, alarm volume and vibration. After setting the items, press  (Options) and select **Save**.
 - ◆ **Location:** Allows you to enter the location information (up to 50 characters).
 - ◆ **None Category/Meeting/Date/Travel/Holiday/Anniversary/Miscellaneous:**
Allows you set the category of the appointment.
6. Press  (Options) after setting the items.
 7. Select **Save** and press  (Select).

Alarm Date & Time

At the date and time set for an alarm, the alarm plays and “Appointment” appears in the external display. To stop the alarm, press any key. After the alarm stops, press  (View) to check the appointment details.

Tip

If the time set for an alarm is reached during an incoming/outgoing voice call or video call, while taking a picture or recording a video or during infrared or other data communication, the alarm plays after the call, taking of a picture, recording of a video or communication ends.

Tip


To switch the view between month, week, day and all appointments, press  (Options) after Step 2 and select **Calendar View**.

Checking Appointments

1. In standby mode, press , select **Tools** and press  (Select).

2. Select **Calendar** and press  (Select).

The month view screen appears.

Press  to switch to the previous month and press  to switch to the next month.

3. Use  to select a date and press .

A list of appointments for the selected date appears.


4. Select an appointment and press .



The details of the appointment appear.

Tip

- The items displayed vary depending on the Calendar view (page 260).
- To save an edited appointment as a new appointment without overwriting the original appointment, press  (Options) and select **Save as**.

Managing Appointments

You can perform the following operations if you select a date or appointment and press  (Options) from the month, week, day or all appointments view.






- ◆ **View:** Displays the details of the selected appointment.
- ◆ **Day View:** Displays a list of appointments set for the selected date.
- ◆ **Edit:** Allows you to edit the appointment.
- ◆ **Delete:** Deletes the appointment.
- ◆ **Go to Date:** Allows you to enter a date and then display the appointments for that date.
- ◆ **Select Multi:** Allows you to select multiple appointments in all appointments view and then delete or export them. To select or unselect appointments, select an appointment with the cursor and press  or press  (Options) and select **Mark/Unmark** or **Mark all/Unmark all**.
- ◆ **Send vCalendar:** Allows you to convert the appointment to vCalendar format and then save it to Data Folder or a memory card or attach it to an MMS message (page 137). You can also send it via infrared communication (page 290) or Bluetooth™ communication (page 287).
- ◆ **Lock Calendar:** Locks the calendar. To cancel the lock, enter your security code (page 52).
- ◆ **Holiday Settings:** Allows you to change the colour for displaying a specified date or day of the week.
- ◆ **Calendar View:** Switches the view between month, week, day and all appointments.

Alarms





Note

- If the power is turned off at the specified time, it turns on automatically to start the alarm.
- When the mode settings (page 217) is set to **Silent** or **Meeting** and the alarm is set to **Off**, the alarm does not play.

You can set an alarm to play at a certain time.

1. In standby mode, press , select **Tools** and press  (Select).
2. Select **Alarms** and press  (Select).
3. Select an alarm and press  (Select).
4. Select **On** and press  (Select).



The alarm settings screen appears.



5. Select an item and press .
 - ◆ **Alarm Time:** Allows you to enter an alarm time in accordance with the 24-hour system. After you enter a time, press  (OK).
 - ◆ **Alarm Tone:** Allows you to set the following items. Select an item and press .
After setting the items, press  (Options) and select **Save**.
 - **Alarm Tone:** Allows you to set a sound preinstalled in your phone or a sound or video saved to Data Folder as the alarm tone. For details on how to set a tone, see from Step 5 of “Personalising the Ringtone” (page 219).
 - **Alarm Volume:** Allows you to set the alarm volume.
 - **Vibration:** Allows you to set the alarm vibration.

◆ **Repeat:** Allows you to set the alarm to repeat at a specified interval. Select one of the following items and press .


- **Everyday:** Starts the alarm everyday.

- **Weekdays:** Starts the alarm each day from Monday to Friday.

- **Select Day:** Allows you to specify which days to start the alarm. Press  to add a check mark, press  (Options) and select **OK**.

- **Once:** Starts the alarm once only on a specified day. To specify a day, press  or .

◆ **Snooze:** Allows you to set the snooze. If the snooze is set to **On**, the alarm plays in five minute intervals up to five times.


6. Press  (Options) after setting the items.

7. Select **Save** and press  (Select).

The  indicator appears in standby mode and the alarm is set.

Alarm Time

At a time set for an alarm, the alarm plays and the time-up screen appears. To stop the alarm, press any key.

To stop the snooze function, press any key while the alarm is playing and then press  (No).

Tip

If the time set for an alarm is reached during an incoming/outgoing voice call or video call, while taking a picture or recording a video or during infrared or other data communication, the alarm plays after the call, taking of a picture, recording of a video or communication ends.

Calculator




You can use your phone as a calculator.

1. In standby mode, press , select **Tools** and press  (Select).
2. Select **Calculator** and press  (Select).


Follow the onscreen instructions to enter digits.


Press  to enter a decimal point and use  to switch between + and -.

Tip

To calculate the tax rate from the Calculator screen, press . To display the result of the tax rate calculation in red, press  once. To display the amount including tax in green, press  again.







Calculator Operations

You can perform the following operations if you press  (Options) from the Calculator screen.

- ◆ **=**: Repeats the last arithmetic operation.
- ◆ **Clear All**: Deletes the input value and data stored in memory.
- ◆ **MS**: Saves the input value to memory.
- ◆ **M+**: Adds the input value to the value stored in memory.
- ◆ **MR**: Displays the value stored in memory.
- ◆ **%**: Calculates the percentage.
- ◆ **1/X**: Calculates the reciprocal.
- ◆ **SQRT**: Calculates the square root.
- ◆ **Set Tax Rate**: Allows you to set the tax rate. To change the tax rate, enter a new rate and press  (OK).

Converter

You can set a currency exchange rate and then perform currency conversion calculations.

1. In standby mode, press , select **Tools** and press  (Select).
2. Select **Converter** and press  (Select).
3. Select the Exchange rate input field and enter the exchange rate.
To enter a decimal point, press .
4. Select the Amount input field and enter an amount.
To enter a decimal point, press .
5. Press  (Result).
The conversion result appears.

Voice Recorder

The voice recorder allows you to record sound and then save the recording data to the Recordings folder in the Sounds&Ringtones folder of Data Folder. Although the possible length of recording time depends on the amount of available memory space in Data Folder, the maximum recording time is 90 minutes for each recording. Sound is recorded via the main microphone (mouthpiece).





Note

If a call is received during recording, the call takes priority and recording stops. All recording data is saved automatically. To prohibit the reception of calls during recording, set offline mode (page 231).


Tip

- To stop recording and save all recording data automatically, press .
- If the phone is in turnover style, use the side key () to start recording or stop recording and save the recording data automatically. To cancel recording, press the side key (.

Recording Sound

1. In standby mode, press , select **Tools** and press  (Select).
2. Select **Voice Recorder** and press  (Select).
3. Select **Record** and press  (Select).


The Recording screen appears.

4. Press  (Options).

The default storage place for recording data is your phone. To switch the storage place to a memory card, select **Save sound to** and then select **Memory Card**.

5. Select **Record** and press  (Select).

Recording begins.

6. Press  (Pause) to pause recording.

To resume recording, press .

To save the recording data, press  (Save).



Tip

To play recording data saved to a memory card, select **Memory Card** after Step 4.

Playing Recordings

1. In standby mode, press , select **Tools** and press  (Select).
2. Select **Voice Recorder** and press  (Select).
3. Select **Recordings** and press  (Select).

The contents of the Recordings folder in the Sounds&Ringtones folder of Data Folder appear.

4. Select a recording data and press  (Options).
5. Select **Play** and press  (Select).

Countdown Timer

Note

The level of the alarm volume is that set for the Multimedia Volume setting (page 223) of the mode settings currently set. If the mode settings is set to **Silent**, no sound is emitted for the alarm. Your phone vibrates only.

Tip

If the phone is in turnover style, use the side key (⏻) to start, stop and restart the timer or stop the alarm. To reset the timer, press the side key (⏻) when the timer is stopped.

You can set an alarm to notify you when a certain amount of time elapses. The alarm plays for approximately one minute.


1. In standby mode, press (⏻), select **Tools** and press (⏻) (Select).
2. Select **Countdown Timer** and press (⏻) (Select).
3. Enter a start time (10 seconds to 60 minutes) and press (⏻) (OK).
4. Press (⏻) (Start).

The timer starts.






To stop the timer, press (⏻) (Stop). To restart the timer, press (⏻) (Restart). To reset the timer, press (⏻) (Reset) while the timer is stopped.

Notepad

Tip


To edit or delete a memo, select the memo after Step 2 and press  (Options).

You can use your phone as a notepad for storing text input. You can also access the saved data during character input and editing. You can enter up 256 characters for each memo and store up to 20 memos in the notepad.

1. In standby mode, press , select **Tools** and press  (Select).
2. Select **Notepad** and press  (Select).
3. Select a position and press .
4. Enter the contents of the memo and press .

Number Memo

Tip

- You can enter a total of up to 40 numbers and symbols (*, #, - and P). To enter a pause (P), press  (Options) and select **Pause**.
- If there are already five number memos, the oldest memo is deleted each time a new memo is saved.

You can use the keypad to take a memo of a phone number or other number during a voice or video call. The number memo is saved automatically after the call ends, thus allowing you to view the number and make a call later.

Taking a Memo of a Phone Number

1. Press keys on the keypad during a call.



Viewing a Number Memo

1. In standby mode, press , select **Tools** and press  (Select).
2. Select **Number Memo** and press  (Select).

The saved number memos appear. You can select a phone number in a number memo and make a voice or video call or save the phone number to the Contacts list.

World Clock

Tip

If you press  (DSTon) after Step 3, the time switches to Daylight Saving Time (DST) and the  indicator appears on the display.

World Clock Viewer allows you to check the date and local time in major cities around the world, as well as the time difference.

1. In standby mode, press , select **Tools** and press  (Select).

2. Select **World Clock** and press  (Select).

World Clock Viewer appears.

3. Use  to select a city.

The date, local time and time difference for the selected city appear.

A green circle indicates your home city on the map. A red circle indicates the alternate city.




For details on changing the Home City and Alternate City settings, see “World Clock Setting” (page 49).

Multi Task

This feature allows you to run multiple functions (applications) simultaneously and switch between them.

Starting a New Application

You can start another application without ending the application you are using.

1. Press  while an application is in use.
The Multi Task screen appears.
2. Select **Tools** and press  (Select).
3. Select an application and press  (Select).

The selected application starts.

Note

Another application may not be able to be started while some applications are running.

Tip



The following applications can be started from the Multi Task screen.

- USIM-appli
- Countdown Timer
- Calendar
- Notepad
- Alarms
- Number Memo
- Calculator
- World Clock
- Converter
- Backup
- Voice Recorder

Note

A V-appli cannot be resumed while another application is running. End the application.

Switching Applications

1. Press  while an application is in use.
The Multi Task screen appears.
 2. Select an application and press .
- The application is switched to the selected application.

Barcode

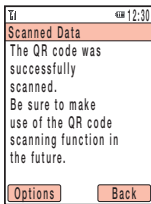


QR Code

The external camera allows you to scan barcodes (QR codes). You can connect to a URL included in the scanned information or create a message to send to an address included in the scanned information. You can save up to ten scanned data items. However, this number depends on the amount of available memory space. When a barcode has been divided into data areas, you can scan up to 16 data areas consecutively.

Note

- Some barcodes have save/forward restrictions and some barcodes cannot be scanned.
- The camera may not be able to scan a barcode that is dirty or in a shadow.



After Scanning Barcode

Tip

- If the scanned data begins with MAILTO:, press after Step 4 to create an SMS/MMS message. If it begins with MEMORY:, you can save it to the Contacts list (page 76).
- If you select the text of a link (indicated by a blue underline) and press , you can make a call, create a message, save data to the Contacts list, connect to a URL, etc. If the scanned data contains image or sound data, you can display/play the data, save the data to Data Folder, etc.

Scanning a Barcode

1. In standby mode, press , select **Camera** and press (Select).

2. Select **Scan Data** and press (Select).

The Scan QR Code screen appears.

3. Frame barcode in the main display.

To adjust the exposure, use . Press to make the barcode darker and press to make the barcode lighter.

4. Press .

Scanning begins.

To perform auto focus, press .


The scanned data appears in the display. If the barcode has been divided, scan the other data areas.

To save the data, press (Options) and select **Save**.

Tip

To rename or delete scanned data, press  (Options) after Step 2.

Saved Barcodes

1. After Step 2 of “Scanning a Barcode” (page 277), press  (Options).
2. Select **Scanned Data List** and press  (Select).
3. Select a scanned data and press .

The barcode data appears.

For details on the operations you can perform while barcode data is displayed, see “Scanning a Barcode” (page 277).

Flashlight

Note

- Do not turn on the mobile light while it is close to anyone's eyes as doing so may damage the person's eyesight. Also, check the direction with which light will be emitted before turning on the mobile light.
- If the side key (○) is set to another function (page 227), this function is unavailable.
- While the phone lock is set (page 247), the key guard is set (page 250) or the countdown timer is activated (page 270), the mobile light cannot be turned on.

When the Flashlight function has been assigned to a side key (○) in the shortcut settings (page 227), you can turn on the mobile light if you press and hold the side key (○).

1. Press and hold a side key (○).

The mobile light turns on and remains lit while you hold the side key (○).

Sending Touch Tones

Send touch tones to use interactive voice response services and other types of touch-tone services.

Sending Individual Touch Tones

1. Press any of the  to ,  and  keys during a call.

Using the Pause (P) for Sending Touch Tones

The pause (P) allows you to send sequences of touch tones, each separated with a pause (P). The Contacts list is useful for storing sequences of touch tones for remotely operating your home answering machine and other devices. You can send up to 40 touch tones at one time.

Saving Touch Tones to the Contacts List

Example: Save the following three numbers.

Phone number: 03-123X-XXX3

Answering machine code: #7777

Answering machine playback code: #1

1. Save 03123XXX3P#7777P#1 as the phone number of an entry.

To enter a pause (P), press  (Options) and select **Pause**.

Sending Touch Tones

1. Open the Contacts list entry containing the touch tones you want to send.

2. Press .

A call is made to the phone number before the first "P."

3. Press  (Tone).

The sequence of touch tones before the next "P" is sent.

Repeat this step until all the touch tones have been sent.

File Transfer

You can use Bluetooth™, infrared, a USB cable or a memory card to transfer data between your phone and other phones, PCs and other devices. You can also back up data.

In This Chapter

- File Transfer

File Transfer

Note

The infrared communication and USB functions cannot be started or set during Bluetooth™ communication. If a USB cable is connected to your phone while you are using Bluetooth™, the Bluetooth™ connection ends.







Using Bluetooth™ for Transferring Data

You can transfer the pictures you take, videos you record and the data of the Contacts list, Calendar, Data Folder and Media Player between your phone and Bluetooth™ compatible PCs and phones. Bluetooth™ also allows you to use a wireless headset or an in-car device for handsfree calls. We recommend using Bluetooth™ while your phone and the other device are within 10 metres of each other. For details on the operating procedures of the other device, refer to the instruction manual for that device.

About Bluetooth™

Bluetooth™ is a technology that facilitates wireless communication between PCs and devices such as handsfree compatible devices.

Activating Bluetooth™

1. In standby mode, press , select **Settings** and press  (Select).
2. Select **Connectivity** and press  (Select).
3. Select **Bluetooth** and press  (Select).
4. Select **Switch On/Off** and press  (Select).
5. Select **On** and press  (Select).

The  indicator appears at the top of the display.

Note





When the same PIN code is entered in the Bluetooth™ enabled device, that device is registered.

Tip

To cancel this setting for a device you no longer want to trust, select **Off** in Step 4.





Registering a Bluetooth™ Enabled Device

Before establishing a Bluetooth™ connection, you need to search then register the Bluetooth™ enabled device. You can register up to 20 detected Bluetooth™ devices.

1. After Step 3 of “Activating Bluetooth™” (page 283), select **Paired Devices** and press  (Select).
2. Select **Search** and press  (Select).
3. Select a Bluetooth™ enabled device from the detected devices that appear and press  (Select).
4. Enter a PIN code (4 to 16 digits) and press  (OK).




Setting a Bluetooth™ Compatible Device as a Trusted Device

If you set a registered Bluetooth™ compatible device as a trusted device, a confirmation screen is not displayed and a connection is established when a connection request is received from that device.





1. After Step 3 of “Activating Bluetooth™” (page 283), select **Paired Devices** and press  (Select).
2. Select a Bluetooth™ compatible device and press  (Select).
3. Select **Trust Device** and press  (Select).
4. Select **On** and press  (Select).

Displaying Details of a Registered Bluetooth™ Compatible Device




You can display the device name, device address, device class and supported profiles of a Bluetooth™ compatible device.

1. After Step 3 of "Activating Bluetooth™" (page 283), select **Paired Devices** and press  (Select).
2. Select a Bluetooth™ compatible device and press  (Select).
3. Select **Details** and press  (Select).

Changing the Name of a Registered Bluetooth™ Compatible Device

1. After Step 3 of "Activating Bluetooth™" (page 283), select **Paired Devices** and press  (Select).
2. Select a Bluetooth™ compatible device and press  (Select).
3. Select **Rename** and press  (Select).
4. Enter your security code (page 52).
5. Change the name and press .



Deleting a Registered Bluetooth™ Compatible Device

1. After Step 3 of "Activating Bluetooth™" (page 283), select **Paired Devices** and press  (Select).
2. Select a Bluetooth™ compatible device and press  (Select).
3. Select **Delete** and press  (Select).

Tip




You may still receive a connection request even if Visibility is set to **Hide My Phone**.

Response to Detection by Other Bluetooth™ Compatible Devices

1. After Step 3 of "Activating Bluetooth™" (page 283), select **My Phone ID** and press  (Select).
2. Select **Visibility** and press  (Select).
3. Select **Show My Phone** or **Hide My Phone** and press  (Select).
 - ◆ **Show My Phone:** Allows your phone to be recognised when it is detected during a search by a Bluetooth™ compatible device in the vicinity.
 - ◆ **Hide My Phone:** Prevents your phone from being recognised when it is detected during a search by a Bluetooth™ compatible device in the vicinity.

Displaying Details of Your Phone

You can display the device name, device address, device class and supported profiles of your phone.

1. After Step 3 of "Activating Bluetooth™" (page 283), select **My Phone ID** and press  (Select).
2. Select **My Phone** and press  (Select).
3. Select **Details** and press  (Select).

Note

The following files cannot be sent.





- Files in V-appli, My Saved Pages and Templates of Data Folder
- Files without transfer permission

Tip

To send the owner information of the Contacts list, select **Send My vCard** from the Phonebook menu (page 75) and then select **Bluetooth**.




Changing the Name of Your Phone

You can change the name displayed on another Bluetooth™ compatible device when your phone is detected.

1. After Step 3 of "Activating Bluetooth™" (page 283), select **My Phone ID** and press  (Select).
2. Select **My Phone** and press  (Select).
3. Select **Rename** and press  (Select).
4. Enter your security code (page 52).
5. Change the name and press .

Using Bluetooth™ for Sending Data

You can send the pictures you take, videos you record and the data of the Contacts list, Calendar, Data Folder and Media Player to a Bluetooth™ compatible device.

1. Set up the other Bluetooth™ compatible device to receive data.
2. Select **Send** from the Options menu of a function and press  (Select).
Select **Send vCard** to send Contacts list data and select **Send vCalendar** to send Calendar data.
3. Select **Via Bluetooth** and press  (Select).
The phone is in offline mode while sending data.
4. Select the receiving Bluetooth™ enabled device and press  (Select).
When data is sent, offline mode is cancelled.

Tip

- When importing a vObject with a picture to the Contacts list, the picture cannot be registered if it exceeds W112 × H112.
- Files are saved to their appropriate locations by extensions.

Tip


To perform handsfree communication, the handsfree compatible device needs to be registered. For details, see "Registering a Bluetooth™ Enabled Device" (page 284).

Note

The other party's voice cannot be recorded during a handsfree call.

Using Bluetooth™ for Receiving Data

When Bluetooth™ is enabled, you can receive data.

1. Press  (Yes) when a confirmation screen appears after a connection request is received from a Bluetooth™ compatible device in the vicinity.




The phone is in offline mode while receiving data.

2. Select **Save** and press  (Select).

If you select **Reject**, the connection ends if there is only one data item to receive. However, if there are multiple data items to receive, the confirmation screen for the next data item appears.

3. Select a storage place and press  (Select).

Connecting to a Handsfree Compatible Device




1. After Step 3 of "Activating Bluetooth™" (page 283), select **Paired Devices** and press  (Select).
2. Select the handsfree compatible device and press  (Select).
3. Select **Connect** and press  (Select).

Performing Handsfree Communication

1. Press  () and switch to handsfree communication.



Setting Handsfree

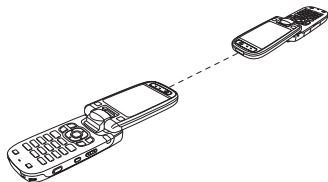
You can set the mode for making and receiving calls while a handsfree compatible device is connected.

1. After Step 3 of "Activating Bluetooth™" (page 283), select **My Phone ID** and press  (Select).
2. Select **Handsfree Setting** and press  (Select).
3. Select a mode and press  (Select).
 - ◆ **Handsfree Mode:** Allows you to make and receive handsfree calls from your phone.
 - ◆ **Private Mode:** Allows you to make and receive regular calls from your phone.

Using Bluetooth™ for Dial-up Connections

When Bluetooth™ is enabled, you can establish a dial-up connection.

1. Press  (Yes) when a confirmation screen appears after a connection request is received from a Bluetooth™ compatible device in the vicinity.
2. Enter your PIN code (4 to 16 digits) and press  (OK).



Note


- You cannot use Bluetooth™ and USB functions/settings during infrared communication. If a USB cable is connected, infrared communication ends.
- You cannot send and receive data simultaneously.

Note


The following files cannot be sent.

- Files in V-appli, My Saved Pages and Templates of Data Folder
- Files without transfer permission

Using Infrared for Transferring Data

You can use infrared to exchange the Calendar data of your phone, Contacts list entries of your phone, memory card or USIM card, pictures/videos taken or recorded with the camera and Data Folder data that can be forwarded with an infrared compatible phone, PC or other device. You can also restore or backup of Data Folder data. The  indicator appears at the top of the display during transfer. To transfer data between your phone and a PC, the supplied PC management software My Mobile needs to be installed on the PC. The infrared function of your phone complies with IrMC 1.1. As shown in the illustration on the left, bring your phone and an infrared compatible device to within 20 centimetres of each other and point both infrared ports directly towards each other. Do not place an object between them. For details on the operating procedures of the other device, refer to the instruction manual for that device.

Using Infrared for Sending Data

1. Set up the other infrared compatible device to receive data.
2. Select **Send** from the Options menu of a function and press  (Select).

Select **Send vCard** to send Contacts list data and select **Send vCalendar** to send Calendar data.

3. Select **Via Infrared** and press  (Select).







Offline mode is set during the sending of data.

When the sending of data is complete, offline mode is cancelled.

Tip

Files are saved to their appropriate locations by extensions.

Using Infrared for Receiving Data

1. In standby mode, press , select **Settings** and press  (Select).
2. Select **Connectivity** and press  (Select).
3. Select **Infrared** and press  (Select).
4. Select **Incoming Data** and press  (Select).
5. Enter your security code (page 52).
6. Send the data from the other infrared compatible device.
7. Select **Save** and press  (Select).

If you select **Reject**, the connection ends if there is only one data item to receive. However, if there are multiple data items to receive, the confirmation screen for the next data item appears.

8. Select a storage place and press  (Select).

Using Infrared for Backing Up Data

You can back up files and folders in Pictures, Videos, Sounds&Ringtones and Other Files of Data Folder to a PC. Files without transfer permission cannot be backed up.







1. After Step 5 of "Using Infrared for Receiving Data" (above), follow the instructions on the PC to back up data from your phone to the PC.

Using Infrared for Restoring Data

You can restore Pictures, Videos, Sounds&Ringtones and Other Files of Data Folder saved on a PC to your phone.

1. After Step 5 of "Using Infrared for Receiving Data" (page 291), follow the instructions on the PC to restore data from the PC to your phone.

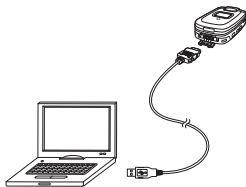
Using Infrared for Dial-up Connections

1. In standby mode, press , select **Settings** and press  (Select).
2. Select **Connectivity** and press  (Select).
3. Select **Infrared** and press  (Select).
4. Select **Dial-up Connection** and press  (Select).
5. Select **On** and press  (Select).

Infrared Remote Controller Function

You can use your phone as a remote controller for TVs and other electric home appliances.

- ◆ Before this function can be used, a separate application (page 169) compatible with the infrared function needs to be downloaded.
- ◆ Bring the infrared port (page 290) of your phone to within approximately 5 metres of the TV or other electric home appliance. Do not place an object between them.
- ◆ Your phone may not work properly as a remote controller in direct sunlight, directly under fluorescent lighting or near other infrared devices.
- ◆ A dirty infrared port may cause an operation failure. Gently remove any dirt with a soft cloth while making sure not to scratch the port.



Note

- The Bluetooth™ communication and infrared communication cannot be started or set during USB functions.
- When using a USB cable to connect your phone to a PC, be sure to directly insert the plug of the USB cable into the USB port of the PC.

Note






- The following files cannot be sent.
- Files in V-appli, My Saved Pages and Templates of Data Folder
 - Files without transfer permission

Using a USB Cable for Transferring Data

As shown in the illustration on the left, you can use a USB cable to connect your phone to a PC and then exchange Contacts list, Calendar and Data Folder data. Before you connect the USB cable, the USB host driver and PC management software My Mobile included on the CD-ROM supplied with your phone need to be installed on the PC. This function supports USB 1.1 and USB 2.0. For details on the PC operating environment required to use this function, refer to My Mobile.

Using a USB Cable for Sending Data

You can send the data of the Contacts list, Calendar and Data Folder.

1. Follow the procedure below to connect your phone and a PC with a USB cable.
 - 1) Open the external connector cover of your phone.
 - 2) Insert the plug of the USB cable into the external connector.
 - 3) Connect the USB cable to the USB port of the PC.
2. In standby mode, press , select **Settings** and press  (Select).
3. Select **Connectivity** and press  (Select).
4. Select **USB** and press  (Select).
5. Select **Data Transfer** and press  (Select).

Offline mode is set. Your phone is ready to send data.

6. Follow the instructions on the PC to receive data from your phone to the PC.

Note

When you receive all vObjects (page 200), any of the previous vObjects in your phone that are the same as the received vObjects are deleted.

Note

Files that cannot be transferred are not backed up.

Note

- All the data may not be able to be restored from some backup files.
- All the data of the restore destination is overwritten.

Using a USB Cable for Receiving Data

You can receive data to the Contacts list, Calendar and Data Folder.

1. After Step 5 of "Using a USB Cable for Sending Data" (page 293), follow the instructions on the PC to send data from the PC to your phone.

Using a USB Cable for Backing Up Data

You can back up files and folders in Pictures, Videos, Sounds&Ringtones and Other Files of Data Folder.

1. After Step 5 of "Using a USB Cable for Sending Data" (page 293), follow the instructions on the PC to back up data from your phone to the PC.
2. Enter your security code (page 52).

Using a USB Cable for Restoring Data

You can restore Pictures, Videos, Sounds&Ringtones and Other Files of Data Folder saved on a PC to your phone.

1. After Step 5 of "Using a USB Cable for Sending Data" (page 293), follow the instructions on the PC to restore data from the PC to your phone.
2. Enter your security code (page 52).



Note

- Charging is not possible while your phone is turned off.
- Charging may not be possible depending on the connection settings of the PC.

Using a USB Cable for Dial-up Connections

You can use a USB cable to connect your phone to a PC and then access the Internet, etc. For details on the configuration/operation of the PC modem, refer to the instruction manual for the PC.

Using a USB Cable for Charging

1. After Step 4 of “Using a USB Cable for Sending Data” (page 293), select **Battery Charge** and press  (Select).
2. Select **On** and press  (Select).






Using a Memory Card for Transferring Data

You can transfer Contacts list and Calendar data between your phone and a memory card. We recommend using a memory card for backing up personal data. A memory card needs to be formatted before it is used for the first time. For details on formatting, see “Formatting a Memory Card” (page 202).

Note

Do not use a PC or other device to view or change a backup file in a memory card. The file may be damaged.



Backing Up Data to a Memory Card

1. Insert a memory card in the slot of your phone.
2. In standby mode, press , select **Tools** and press  (Select).
3. Select **Backup** and press  (Select).
4. Select **Backup** and press  (Select).
5. Select a data and press .


A check mark is added to the check box.

◆ **Contacts List:** Backs up the Contacts list.

◆ **Calendar:** Backs up the Calendar.





6. Press  (Options).
7. Select **Backup** and press  (Select).
8. Enter your security code (page 52).

A confirmation screen appears.

9. Press  (Yes).


A confirmation screen appears.

10. Press  (Yes) or  (No) in accordance with the confirmation screen.







Press  (Yes) to include pictures or press  (No) to not include pictures when backing up the Contacts list and press  (Yes) to include past appointments or press  (No) to not include past appointments when backing up the Calendar.


Offline mode is set and the data begins to be backed up to the memory card. When the backing up of data is complete, offline mode is cancelled.



Tip



To delete one or all backup files, press  (Options) after Step 5 and select **Delete** or **Delete All**.

Restoring Data from a Memory Card

1. Insert a memory card in the slot of your phone.
2. In standby mode, press , select **Tools** and press  (Select).
3. Select **Backup** and press  (Select).
4. Select **Restore** and press  (Select).
5. Select a data and press  (Select).
 - ◆ **Contacts List:** Displays a list of Contacts list backup files.
 - ◆ **Calendar:** Displays a list of Calendar backup files.
6. Select a backup file and press .
7. Enter your security code (page 52).

A confirmation screen appears.
8. Press  (Yes).

A confirmation screen appears.
9. Press  (Yes) or  (No) in accordance with the confirmation screen.

Press  (Yes) to overwrite all the data in the restore destination and press  (No) to add the data.

Offline mode is set and the Contacts list or calendar begins to be imported to your phone. When the importing of data is complete, offline mode is cancelled.

Appendix

In This Chapter





- **Function List**
- **Troubleshooting**
- **Storage Capacity**
- **Main Specifications**
- **Glossary**
- **Index**
- **Warranty & After Sales Service**
- **Customer Service**

Function List



Function Name		Default Setting	Page
V-appli		Screensavers: Off, Set Time (Start Time: 3 sec, Duration: No Timeout), Priority Settings (Voice Calls: Voice Calls, Video Calls: Video Calls, Messages: Messages, Alarms: Alarms), Backlight (Backlight: Same as Phone, Blinking: On), Volume: Level 3, Vibration: On	170
Browser Settings		Text Browser (Image: Show, Sound: Unmute), Font Size: Standard, Cookie Settings: On, Manufacture No.: Off, Auto Launch: Off, Location Property: Ask every time, Encoding Type: Auto	168
Navigation		Quick Positioning: Off, URL Settings: http://mobile.its-mo.com/MapToLink/p2 , NAVI Application: ゼンリンいつもナビ, LBS Lock: Off	183
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	Sending Settings (MMS)	Delivery Report: Off, Delivery Time: Immediate, Expiry Time: Off, MMS Signature: No Text, MMS Priority: Normal	147
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	SMS Settings	Delivery Report: Off, SMS Signature: No Text	153
	Common Settings	Reply Settings: Always Ask, Display Font Size: Standard, Page Scroll: 1 Line	154
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Function Name		Default Setting	Page
Camera	Camera Settings	Picture Quality: Fine, Camera Mode: Mobile Camera, Picture Size (Digital Camera: W1600×H1200, Mobile Camera: W240×H320), Picture Effects: Off, Preview: On, Date Stamp: Off, Grid: Off, Flicker Adjustment: 50Hz, File Name: Date&Time, Shutter Sound: Pattern 1, Keypad Shortcut: On, Self-view: Off, Focus Mode: Auto, Night Mode: Off, Multi Shots: Off, Add Frame: Off, Save Image to: Pictures folder of the phone, Delay Timer: Off, Mobile Light: Off, White Balance: Auto, Exposure Control: $\pm 0.0\text{EV}$, Auto Bracket: Off	112-114, 124-132
	Video Settings	Video Quality: Fine, Record Mode: For MMS, Effects: Off, Preview: On, Screen Display: Normal, Controller Display: On, Flicker Adjustment: 50Hz, File Name: Date&Time, Start/End Sounds: Pattern 1, Keypad Shortcut: On, Self-view: Off, Voice Record: On, Save Video to: Videos folder of the phone, Delay Timer: Off, Mobile Light: Off, White Balance: Auto, Exposure Control: $\pm 0.0\text{EV}$	
	Scan Data	—	277
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	Alarms	Alarm: Off, Alarm Tone: Pattern 1, Alarm Volume: Level 3, Vibration: Pattern 1, Repeat: Everyday, Snooze: Off	264, 265
	Calculator	Set Tax Rate: 5%	266
	Converter	Exchange rate: 0	267
Voice Recorder		Save sound to: Recordings of the Sounds&Ringtones folder of the phone	268





Function Name		Default Setting	Page
Tools	Countdown Timer	—	270
	Notepad	—	271
	Number Memo	—	272
	World Clock Viewer	DST on/off: DSToff	273
	Backup	—	296
Phonebook		My Details: Owner phone number only, Speed Calling: Unset, Default Storage: Phone Memory, Scroll Speed: Fast, Phonebook Lock: Off	86, 90-92
Mode Settings		Normal	217
Sound Settings	Normal	Ringtone Volume: Level 3, Assign Ringtone: Pattern 1, Ringtone Duration: 5 sec, Vibration: Off, Keypad Volume: Level 3, Keypad Tones: Original 1, Sound Effects Vol. (Start Up: Level 2, Shut Down: Level 2, Phone Open: Silent, Phone Closed: Silent, Error: Level 2), Sound Effects: Preset Pattern, Multimedia Volume: Level 3, Battery Alarm: On	218-224
	Silent	Vibration: On, Alarm: Off	
	Car	Ringtone Volume: Level 5, Assign Ringtone: Pattern 1, Ringtone Duration: 5 sec, Vibration: Off, Keypad Volume: Level 3, Keypad Tones: Original 1, Sound Effects Vol. (Start Up: Level 3, Shut Down: Level 3, Phone Open: Silent, Phone Closed: Silent, Error: Level 3), Sound Effects: Preset Pattern, Multimedia Volume: Level 5, Battery Alarm: On	
	Meeting	Ringtone Volume: Silent, Assign Ringtone: Pattern 1, Ringtone Duration: 5 sec, Vibration: Off, Keypad Volume: Silent, Keypad Tones: Original 1, Sound Effects Vol.: Silent, Sound Effects: Preset Pattern, Multimedia Volume: Silent, Battery Alarm: On, Alarm: On	





Function Name		Default Setting	Page
Display Settings	Main Display	Wallpaper: Custom Screens, Custom Screens: Standard, Clock Type Display: 1-line Digital, Backlight Settings (Brightness: Bright, Lighting Time: 15 sec), Operator Name: On, Power Saving: 1min, Cell Information: Off	209, 210, 212, 214, 215
	External Display	Wallpaper: Pop, Time Display: On, Backlight Settings (Brightness: Bright, Lighting Time: 15 sec), Power Saving: 1min, Contrast: Level 0	209, 213, 214, 216
Phone Settings	Date & Time	12 hour/24 hour: 24 hour, World Clock (Set Home City: Tokyo, Set Alternate City: Unset, DST On/Off: Off)	48-50, 213
	言語選択	Automatic	225
	Shortcuts	Side Key: NAVI, Navigation Keys (): Shortcut Menu, (): Phonebook, (): Dialed Numbers, (): Received Calls	227
	Words List	Unset	73
	External Light	Notification (Missed Calls: Red, Messages: Blue, Voice Mail: Green), Incoming (Voice Call: Purple, Video Call: Purple, Messaging: Aqua)	229
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	AV Output	NTSC	198
Call Settings	Answerphone	Setting: Off, Ringing Duration: 6 sec	232
	Voice Call	Caller Details (Incoming Picture: Preset Picture, Caller Picture: On, Caller Info: On), Auto Answer: Off, Mute: Off, Earphone Call: Off, Call Priority: Enable, International Call: International Code: 0046010), Prefix Settings (Auto Prefix: Off, Hide to Missed Call: Off)	211, 233-240
	Video Call	Outgoing Video: Camera Monitored, Image Quality: Standard Mode, Caller Details (Incoming Picture: Preset Picture, Caller Picture: On, Caller Info: On), Zoom: 1x, Auto Answer: Off, Mute: Off, Loud Speaker: On, Backlight: On, Hold Guidance: Preset Picture, Appearance Check: On	97-103, 211, 234

Function Name		Default Setting	Page
Call Settings	Common Settings	Earpiece Volume: Level 3, Speaker Volume: Level 3, Open to Answer: Off, Any Key Answer: Off	235, 236
Security Settings	PIN1 Code Request	Off	245
	Change PIN1	—	
	Change PIN2	—	
	Change Password	—	246
	Phone Lock	Off	247
	Reject Calls	Hidden: Off, Public Phone: Off, Unavailable: Off, Unknown: Off, Select Contact: Off	242
	Reject Addresses	Off (Unset)	244
	Secret Mode	Off	251
Memory Settings	Phone Memory	—	251
	Memory card	—	202
Network Settings		Select Network: Automatic, System Mode: UMTS Only	252, 254
Connectivity	Infrared	Dial-up Connection: Off	292
	Bluetooth	Switch On/Off: Off, Paired Devices (Trust Device: Off), My Phone ID (Visibility: Show My Phone, Handsfree Setting: Handsfree Mode)	283, 284, 286, 289
	USB	Battery Charge: On	295

Function Name		Default Setting	Page
Optional Services	Call Diverting	—	63
	Voicemail	—	61
	Call Waiting	—	67
	Multiparty Call	—	69
	Call Barring	—	65
Call Log	Dialled Numbers	—	57
	Missed Calls	—	
	Received Calls	—	
	Call Timers	Last Call Time: 000: 00: 00, All Calls Time: 000: 00: 00	58
	Call Costs	Last Call: 0Yen, All Calls: 0Yen, Cost Unit: Yen, Call Cost Display: Off	59
	Data Counter	Last Data: 0Kbytes, All Data: 0Kbytes	60
Text Entry		Prediction: On, Input Method: Standard, Font Size: Large, Line Feed: On, Clipboard: Unset	72, 74
Multi Task		—	274
Shortcut Menu		Unset	226
Press and hold 	Key Guard	Unset	250
Press and hold 	Silent	Unset	217

Troubleshooting

Problem	Possible Causes and Remedies
Cannot turn the power on.	<ul style="list-style-type: none"> Is the battery pack inserted properly (page 42)? Is the battery charged (pages 34, 36, 43)?
Cannot charge the battery.	<ul style="list-style-type: none"> Is there dust on the connections and contacts of the rapid charger, phone or battery pack? Clean the connections and contacts with a dry cotton swab, etc.
Cannot operate the phone normally after turning it on.	<ul style="list-style-type: none"> Does the PIN1 Entry screen appear? PIN1 Code Request is set to On. Enter your PIN1 code. Does the  indicator or "Phone Lock" appear on the display? The phone lock (page 247) is set. Enter your security code. Does "Please insert valid USIM card." appear on the display? The USIM card was not read properly. Turn the power off and make sure the USIM card is inserted properly.
Cannot establish a connection for voice and video calls or use mail and Web functions.	<ul style="list-style-type: none"> Does the  indicator appear on the display? Are you out of the service area or in a location where a signal cannot reach your phone? Move to a location where a signal can reach your phone. Does the  indicator appear on the display? Are you using the phone overseas? To use the phone overseas, you need to change the Select Network and System Mode settings (page 254). Is your hand or another object covering the internal antenna part (pages 30, 32) of your phone? Does the  indicator or "Offline Mode" appear on the display? Cancel offline mode (page 231).
Cannot make voice and video calls.	<ul style="list-style-type: none"> Did you dial the whole phone number starting from the area code? Is Fixed Dialling Numbers (page 248) set? Is Call Barring (page 65) set?

Problem	Possible Causes and Remedies
Cannot receive voice and video calls.	<ul style="list-style-type: none"> • Is Reject Calls (page 242) set? • Is Voicemail (page 61) or Call Diverting (page 63) set to All Calls? • Is Call Barring (page 65) set?
Cannot send messages.	<ul style="list-style-type: none"> • Is Fixed Dialling Numbers (page 248) set?
Cannot receive messages.	<ul style="list-style-type: none"> • Is Reject Addresses (page 244) set?
Calls are interrupted or disconnected.	<ul style="list-style-type: none"> • Does the  indicator appear on the display? Are you out of the service area or in a location where a signal cannot reach your phone? Move to a location where a signal can reach your phone. • Is your hand or another object covering the internal antenna part (pages 30, 32) of your phone?
The phone does not respond to key presses.	<ul style="list-style-type: none"> • Does the  indicator appear on the display? The key guard is set (page 250). Press and hold  to cancel the lock. • Does the  indicator or "Phone Lock" appear on the display? The phone lock (page 247) is set. Enter your security code.

Storage Capacity

Mail

Mailbox*	Up to approximately 3.6 MB
Received Msgs.	Up to 1,000 SMS messages Up to 200 MMS messages
Sent Messages	Up to 500 SMS messages Up to 60 MMS messages
Combination of Drafts, Unsent Messages and Templates	Up to 100 SMS messages Up to 40 MMS messages

* Received Msgs., Sent Messages, Drafts, Unsent Messages and Templates of Mailbox share the same memory.

Web

Cache	Up to approximately 600 KB
Bookmarks	Up to 200 bookmarks
History (URL)	Up to 300 URLs

Data Folder

Data Folder	Up to approximately 10 MB*
--------------------	----------------------------

* The V-appli Library shares its memory with Data Folder.

Main Specifications

903T

Frequency Range : 3G (UMTS) 2100 1920-2170 MHz
: GSM 900 880-960 MHz
: DCS 1800 1710-1880 MHz
: PCS 1900 1850-1990 MHz

Continuous Talk Time : Within 3G (UMTS) area Approx. 180 min.
: Video call Approx. 100 min.
: Within GSM area Approx. 320 min.

Continuous Standby Time : Within 3G (UMTS) area Approx. 400 hrs.
: Within GSM area Approx. 270 hrs.

Charging Time : Approx. 140 min.

Dimensions (W×H×D) : Approx. 50×111×25 mm (when closed)

Maximum Output : 3G (UMTS) 2100 Class 3 0.25 W
: GSM 900 Class 4 2 W
: DCS 1800 Class 1 1 W
: PCS 1900 Class 1 1 W

Weight : Approx. 149g (when the battery pack is attached)

- The values above were calculated with the battery pack attached.
- The continuous talk time refers to the average length of time a signal can be received normally when the phone is in a stationary state and a new fully charged battery pack is attached.
- The continuous standby time refers to the average length of time a signal can be received normally when the phone is closed, viewable, the phone is in a stationary state, a new fully charged battery pack is attached and there are no calls made/received or operations performed. If the phone is in a location outside the service area or where it is difficult to receive a signal (in a

building, vehicle, bag, etc.), this time may be reduced by up to half. This time may also be affected by other factors such as the operating environment (battery state, temperature, etc.). The value for continuous standby time is when the system mode was set to **3G**.

- The operating time of the battery was calculated when a stable signal was received constantly. However, this time is reduced by up to half if the phone is used in a location where the signal is weak or the phone is left in standby mode when it is outside the service area.

Repeated charging and discharging a battery shortens the operating time. If the operating time becomes too short, purchase a new battery pack.

- If the mobile light is used frequently for taking pictures and recording videos or as a flashlight, the continuous talk time and continuous standby time become shorter.
- When a V-appli is activated, the continuous talk time and continuous standby time become significantly shorter.
- If the phone is used with the main display and external display illuminated frequently (for Vodafone live! use, etc.), the continuous talk time and continuous standby time become shorter.

Charger

Input Voltage : 100 to 240 V AC
: 50/60 Hz

Charging Temperature Range : 5 to 35°C

Glossary

Term	Definition
3G (UMTS)	A third generation (3G) mobile communication system. UMTS is the 3G mobile communication system of Europe.
GSM	A wireless system for digital mobile phones. GSM is the predominant system in Europe and Asia, and is the world's most widely used system.
GPRS	A data transmission technique used for GSM mobile phone networks. It enables the high-speed transfer of data in the form of packets.
USIM Card	Use the phone with this card inserted. The card stores subscriber information such as your phone number and phone data. You can also save Contacts list entries and other data to the card. When you replace your phone, use of the same USIM card in the new phone enables you to continue using the data stored on the card.
PIN	An abbreviation for Personal Identification Number. A number required for using the USIM card with your phone. This number allows you to prevent others from using your phone in the event that your phone is lost or stolen.
MMS	A service that allows long text messages with picture, video and melody attachments to be exchanged.
SMS	A service that allows short text messages to be exchanged between mobile phones.
WAP Push Message	A WAP Push message is a message delivered automatically from the service centre. If links are included in a message, access information from the links.
SSL	A communication method for transmitting data in an encrypted form over the Internet. It enables data such as information related to privacy and credit card numbers to be sent and received safely and protects against dangers on the Internet such as eavesdropping, tampering and spoofing. SSL communication uses server certificates.

Term	Definition
Server Certificate	A digital certificate for identifying that a site on a server is trustworthy. The server certificate includes information necessary for SSL communication (encrypted communication), server information and a digital signature of a Certificate Authority to verify that the server is authentic.
Cache	The location in the phone for temporarily storing the data of displayed Web pages, etc.
V-appli	Applications including games and 3D images that can be downloaded from the Web pages of V-appli providers. Some applications connect to the network to obtain information in real time and some applications can be activated as wallpaper.

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Warranty & After Sales Service

Note

Vodafone and Toshiba assumes no responsibility for damages to you or third parties as a result of a failure, malfunction or faulty operation of the product.

Warranty

A warranty card is included with the phone. Carefully read the card and check that the store name and purchase date sections have been filled in correctly. Then, store it in a safe place.

Note

- Data and settings may be lost or altered as a result of failure or repair of your phone. It is, therefore, recommended that you keep a backup copy of important data such as Contacts list data. Vodafone and Toshiba assumes no responsibility for any damages due to the loss or alteration of phone data (contents of the Contacts list, Data Folder, etc.) and settings as a result of failure or repair of your phone.
- Disassembling or modifying the phone is in violation of Radio Law. Your phone will not be accepted for repairs if it has been modified.

Tip

If you have any inquiries with regards to the after sales service, contact your nearest Vodafone Shop or Vodafone General Information (page 317).

After Sales Service

Be sure to refer to "Troubleshooting" (page 305) before submitting your phone for repair. If you are still having problems with your phone, contact your nearest Vodafone Shop or Vodafone General Information (page 317).

Repair within warranty period

Repair is carried out in accordance with the conditions of the warranty.

Repair after warranty period

Repair is carried out if possible and the phone owner is responsible for any repair costs.

- ◆ During repair, parts may be replaced with used parts that meet our quality standards.

Customer Service

If you have any questions about a Vodafone mobile phone or service, please call General Information. For service or phone repairs, please call Customer Assistance.

Vodafone Customer Centres

From a Vodafone mobile phone, dial toll free at 157 for General Information or 113 for Customer Assistance.

Call These Numbers Toll Free from Fixed Line Phones

Subscription areas:

Hokkaido, Aomori, Akita, Iwate, Yamagata, Miyagi, Fukushima, Niigata, Tokyo, Kanagawa, Chiba, Saitama, Ibaraki, Tochigi, Gunma, Yamanashi, Nagano, Toyama, Ishikawa, Fukui	General Information	 0088-240-157
	Customer Assistance	 0088-240-113
Aichi, Gifu, Mie, Shizuoka	General Information	 0088-241-157
	Customer Assistance	 0088-241-113
Osaka, Hyogo, Kyoto, Nara, Shiga, Wakayama	General Information	 0088-242-157
	Customer Assistance	 0088-242-113
Hiroshima, Okayama, Yamaguchi, Tottori, Shimane	General Information	 0088-259-157
	Customer Assistance	 0088-259-113
Tokushima, Kagawa, Ehime, Kochi	General Information	 0088-247-157
	Customer Assistance	 0088-247-113
Fukuoka, Saga, Nagasaki, Oita, Kumamoto, Miyazaki, Kagoshima, Okinawa	General Information	 0088-250-157
	Customer Assistance	 0088-250-113