

Introduction

Thank you for purchasing the Vodafone 902T phone.

- To ensure proper usage, read this manual thoroughly before using the 902T 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 307).
- Accessible services may be limited because of contract conditions.

The 902T 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 307).
- Manuals with missing pages or incorrect collating will be replaced.

What's in the Box

- Phone



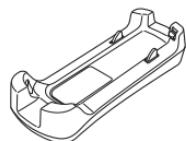
- Rapid Charger (TSCS01)



- Battery Pack (TSBS01)



- Desk Top Cradle (TSES01)



- Battery Cover (TSTS01/02/03)

- Stereo Handsfree Headset

- Video Output Cable (TSPS01)

- USB Host Driver for 902T (CD-ROM)

- User Guide

- Quick Start Guide

- 3G Guide (Japanese only)

- In addition to the above items, optional items such as a cigarette lighter charger and USB cable are available. For details, contact your nearest Vodafone Shop or Vodafone General Information (page 307).
- You can use an SD memory card (hereafter referred to as a memory card) with your phone. A memory card is not supplied with your phone. Purchase a commercially available memory card to use the memory card functions.

Your phone supports memory cards with a storage capacity of up to 1GB (as of May 2005). There is no guarantee that all memory cards will work with your phone.

Contents

Introduction	1	Pictures.....	109
What's in the Box	2	Videos.....	121
Contents.....	3	Picture & Video Settings	125
About this Manual	4	4 Messaging.....	134
Symbols Used in This Manual.....	5	Messaging Capabilities.....	135
Safety Precautions	6	MMS.....	137
General Notes for Handling	18	SMS.....	149
Trademarks and Patents	24	MMS/SMS Common Operations.....	154
1 Basic Operations.....	29	5 Vodafone live!	160
Parts & Functions.....	30	Accessing Vodafone live!	161
USIM Card	40	Bookmarks	163
Battery Pack	42	Operations for Web Pages	165
Memory Cards	44	Browser Settings.....	168
Turning Power On/Off	45	V-appli.....	169
System Mode Setting	46	Media Player.....	175
Language Setting	47	6 Data Folder	182
Date & Time Settings	48	Data Folder	183
Accessing Functions.....	51	Using Files & Folders	185
Making a Call	53	Displaying Files on a TV	188
Answering a Call	54	Using vObjects	190
Engaged Call Operations.....	55	Using a Memory Card	192
Call Log	57	Using the USIM Card	194
Optional Services	61	7 Settings	198
Text Entry	70	Display Settings	199
Contacts List	75	Phone Profiles.....	206
2 Video Call	93	Language Setting	214
About Video Calls	94	Shortcut Menu	215
Making a Video Call	95	Shortcut Keys	216
Answering a Video Call	96	External Light Settings	218
Convenient Functions for Video Calls	97	Offline Mode Setting.....	220
Video Call Settings	101	Answerphone.....	221
3 Camera/Video Camera.....	104	Call Settings	222
Camera	105	Caller ID Setting	226
Using International Call Service	227	8 Convenient Functions	248
Using the Stereo Handsfree Headset.....	229	USIM-appli	249
Security Settings	231	Calendar	250
Network & Internet	241	Alarms	254
Location Settings	247	Calculator	256
		Converter	257
		Voice Recorder	258
		Countdown Timer	260
		Notepad	261
		Number Memo	262
		World Clock	263
		Multi Task	264
		Barcode	266
		Flashlight	269
		Sending Touch Tones	270
		9 File Transfer	272
		File Transfer	273
		10 Appendix	288
		Function List	289
		Troubleshooting	295
		Storage Capacity	297
		Main Specifications	298
		Glossary	299
		Index	301
		Warranty & After Sales Service	305
		Customer Service	307

About this Manual

Screen

Shows the screen displayed during the operation.

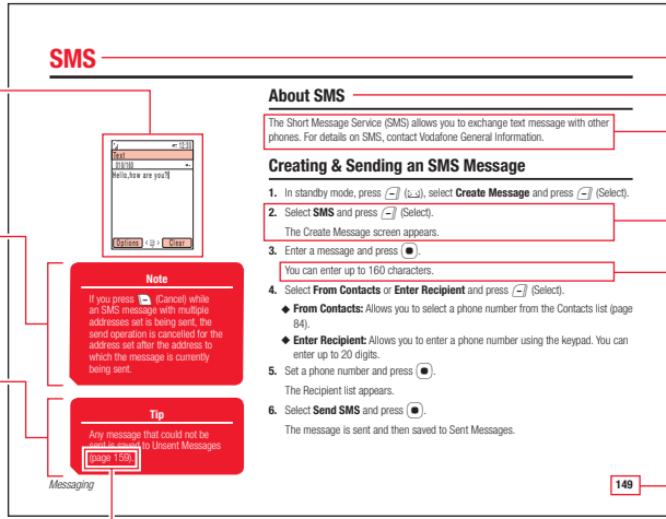
Note

Provides important information about a procedure.

Tip

Provides advice and points to remember about a procedure.

Reference page



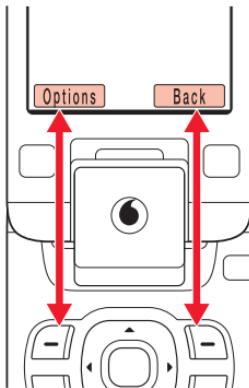
About Screens

- The screens appearing in this manual are simplified for the purpose of explanation and may differ from the actual screens 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.



- To perform the operation indicated by **Options**, press .
- To perform the operation indicated by **Back**, press .

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 Dialled 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 307).



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 307).

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.



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.



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.

Warning



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

Prohibited

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.



Do not use the phone while driving

Prohibited

Do not make or receive a call and do not use other functions (messaging, game, camera, video, 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.



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

Prohibited

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.).



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

Prohibited

Doing so may cause an injury, accident or damage.



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

Compulsory

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.



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

Unplug power cable

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



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

Compulsory

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.



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

Compulsory

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 307).



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



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

Compulsory

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 307).



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

Prohibited

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



Do not sit down with the phone in your trousers pocket

Prohibited

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

- 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



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



Do not place the phone on an unstable or unlevel surface

Prohibited

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



Do not dispose of the used battery pack with ordinary garbage

Prohibited

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.



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

Prohibited

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



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

Prohibited

Doing so may result in a flat battery.



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

Compulsory

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.



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

Compulsory

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, 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)	ABS resin (UV cured acrylic coating)
Screw covers (main display)	ABS resin (UV cured acrylic coating)
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

Prohibited

Keep a memory card out of the reach of small children

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

Caution



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

Prohibited

Doing so may cause data loss or malfunction.



Use only a memory card supported by the phone

Prohibited

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 May 2005).



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

Prohibited

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



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

Prohibited

Doing so may cause eye damage.



Do not use the mobile light close to eyes

Prohibited

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.



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

Prohibited

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



Use only a USIM card designated for the phone

Prohibited

Failing to do so may cause data loss or malfunction.



Do not remove the protective sheet from the external display

Prohibited

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 on the following occasions.
 - 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 separate memo of important data to limit damage caused by data corruption or loss to a minimum.
- 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.



Li-ion

- 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.
- 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

- 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 to record information in places like bookstores where taking pictures is 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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5,568,483	5,414,796	5,659,569
5,056,109	5,506,865	5,228,054
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T9 Text Input is covered by Japan Pat.No. 特許 3532780, 3492981 and other patents pending.



CE 0168

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 0.197W/kg and when worn on the body, as described in this user guide, is 0.652W/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-E01.

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 handset has been designed, manufactured and tested so as not to exceed the limits for exposure to electromagnetic fields recommended by the Council of the European Union. These limits are part of comprehensive guidelines developed by independent scientific organisations. The guidelines include a substantial safety margin designed to assure the safety of the handset user and others and to take into account variations in age and health, individual sensitivities and environmental conditions. European standards provide for the amount of radio frequency electromagnetic energy absorbed by the body when using a handset to be measured by reference to the Specific Absorption Rate (SAR). The SAR limit for the general public is currently 2W/kg averaged over 10g of body tissue. Your handset SAR value is 0.419W/kg.

This has been tested to ensure that this limit is not exceeded even when the handset is operating at its highest certified power. In use however your handset may operate at less than full power because it is designed to use only sufficient power to communicate with the network.

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

TS921

Type (Model) Name is Cc4 - E01
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 690950, EN 50360, EN 50361, EN 301 511, EN 301 908-1 and EN 301 908-2.

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 1999/5/EC has been followed with the involvement of the following Notified Body(ies):

BABT, Claremont House, 34 Molesey Road, Walton-on-Thames, KT12 4RQ

Identification mark:
0168

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 THU
General Manager Mobile Communications Division

Signature:- 
Date:- 18/01/05

Basic Operations

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

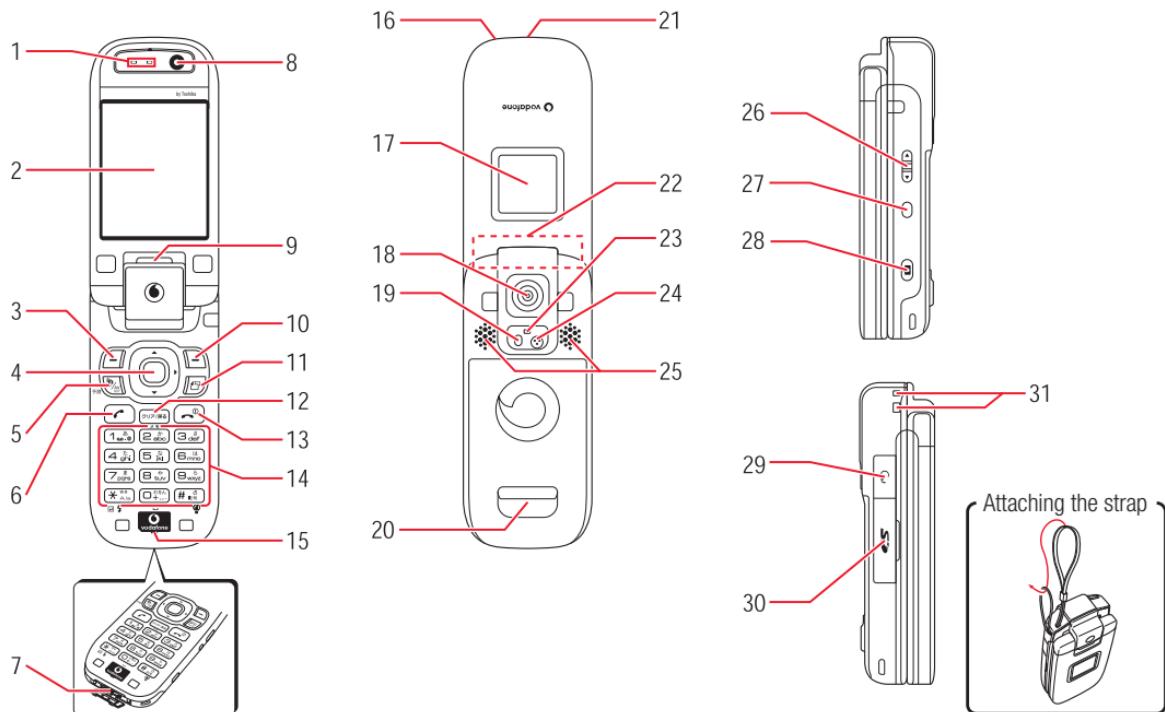
In This Chapter

- 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



Basic Operations

- 1. Earpiece**
- 2. Main Display**
- 3. Left Soft Key:** Allows you to select items and use the Options menu. You can also use this key to access the Messaging menu from standby mode.
- 4. Navigation Key:** Moves the cursor up, down, left or right, accesses functions assigned to the navigation key, etc.
Centre Key: Displays the Main menu from standby mode. You can use this key to confirm selected items and perform selected operations.
- 5. Video Call Key:** Makes and answers video calls.
- 6. Send Key:** Makes and answers calls.
- 7. Cable and Phone Charging Connections:** 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:** Takes you back to the last operation, cancels operations, etc. You can also use this key to access Vodafone live! from standby mode.
- 11. Multi Task Key:** Allows you to switch to another function without ending the function currently in use.
- 12. Clear/Back Key:** Deletes input characters and takes you back to the last operation. You can also use this key to access Answerphone from standby mode.
- 13. End/Power Key:** Turns on/off the power, ends calls/operations and takes you back to standby mode.
- 14. Keypad:** Allows you to 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.
X, ☰, ↪ Key: Allows you to change the input mode, etc. You can also use this key to scroll to the previous page in a screen displaying a 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: Allows you to enter symbols, etc. You can also use this key to scroll to the next page in a screen displaying a list.
To switch between Normal and 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 ☰:** Activates 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:** Allows you to insert a memory card.
- 31. Handstrap Hole**

Main Display



The following indicators appear on the main display.

① **Signal Strength**

- | | | | |
|--|----------|--|-------|
| | Strong | | Weak |
| | Moderate | | Faint |

② **Out of Range**

③ **Offline Mode On** (page 220)

④ **Voice/Video Call**

⑤ **Dial-up Connection** (page 279, 282, 285)

⑥ **Secret Mode On** (page 240)

⑦ **Streaming Playback** (page 176, 177)

⑧ **Exchanging Data**

⑨ **GPRS Network Data Communication Connection Established**

⑩ **GPRS Network Location Information Confirmation**

⑪ **3G [UMTS] Network Connection/Roaming**

⑫ **GSM Network Connection/Roaming**

⑬ **GPRS Network Connection/Roaming**

⑭ **Service Area of Operator Other than Vodafone**

⑮ **Web SSL**

Indicates a connection to an information page with security protection.

⑯ **External Connection for Data Synchronisation**

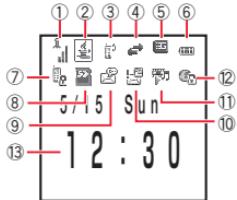
⑰ **Bluetooth™ Connection Established/Connection Standby** (page 273)

⑱ **Infrared Communication** (page 280)

- ⑥ / **V-appli Activated/Paused** (page 172)
- ⑦ / **Memory Card Inserted/Write Protected** (page 44)
- ⑧  **Media File Playing**
 -  **Silent** (page 206)
 -  **Car** (page 206)
 -  **Meeting** (page 206)
- ⑨  **Reception of High Priority MMS**
 -  **Reception of Rights Object**
 - Indicates the reception of a content key (page 142) during operation.
 - / **New MMS/SMS** (page 142, 151)
 -  **WAP Push Message** (page 152)
- ⑩  **Battery Level**
 -  Sufficiently charged
 -  Very Low
 -  Moderate
 -  Charge Immediately
 -  Low
 -  **Charging** (page 43)
- ⑪  **Clock Display Indicator**
- ⑫  **Phone Lock Set** (page 236)
 -  **Key Guard Set** (page 239)
- ⑬  **Alarm Set** (page 254)
- ⑭  **Silent and Vibration Set** (page 207, 209)
 -  **Silent Set** (page 207)
 -  **Vibration Set** (page 209)
- ⑮  **Information Prompt** (page 38)

- ⑯ **New Voicemail Message** (page 61)
 Missed Call (page 57)
- ⑰ **SMS maximum for Received Msgs.**
Indicates Received Msgs. contains the maximum number of SMS messages.
- ⑱ **Call Diverting without Ringer Set for Voice Call** (page 63)
 Call Diverting without Ringer Set for Video Call (page 63)
 Call Diverting without Ringer Set for Voice and Video Calls (page 63)
- ⑲ / / **Answerphone On and You Have a Message** (page 54, 221)
 / / **Answerphone Off and You Have a Message** (page 54, 221)

External Display



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

① **Signal Strength**

- Strong
- Moderate
- Faint
- Weak

② **Out of Range**

③ **Voice Call**

- Dial-up Connection** (page 279, 282, 285)
- Secret Mode On** (page 240)

④ **Exchanging Data**

- GPRS Network Data Communication Connection Established**
- GPRS Network Location Information Confirmation**

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 | Very Low |
| Moderate | Charge Immediately |
| Low | |

Charging (page 43)

- ⑦ **Phone Lock Set** (page 236)
 Key Guard Set (page 239)
- ⑧ **Memory Card Inserted/Write Protected** (page 44)
- ⑨ **New Voicemail Message** (page 61)
 - Missed Call** (page 57)
 - Silent and Vibration Set** (page 207, 209)
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- ⑩ **Reception of High Priority MMS**
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 - Silent** (page 206)
 - Car** (page 206)
 - Meeting** (page 206)
- ⑫ **Web SSL**
Indicates a connection to an information page with security protection.
- ⑬ **External Connection for Data Synchronisation**
- ⑭ **Bluetooth™ Connection Established/Connection Standby** (page 273)
- ⑮ **Infrared Communication** (page 280)
- ⑯ **Answerphone On and You Have a Message** (page 54, 221)
- ⑰ **Answerphone Off and You Have a Message** (page 54, 221)
- ⑲ **Clock Display**

Information Prompt

Tip

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

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.

- 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 message (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 255).

Opening & Closing Your Phone

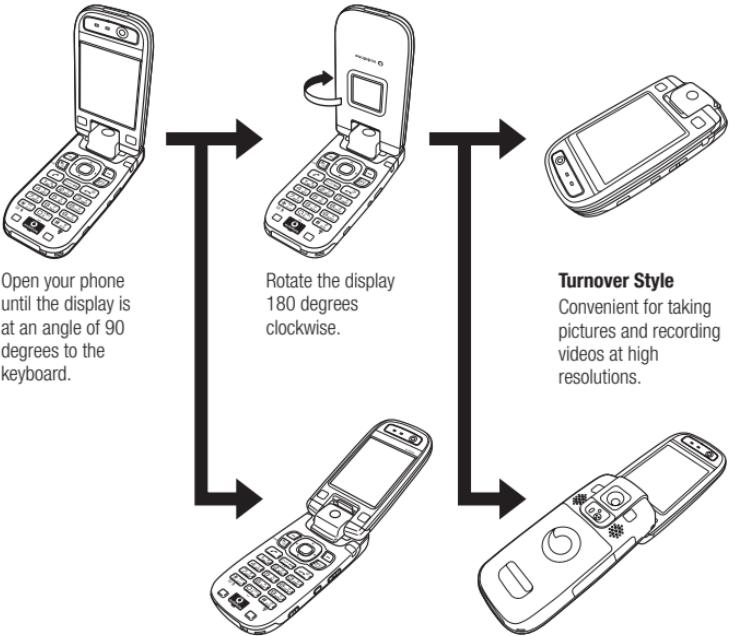
Note

- 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.

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



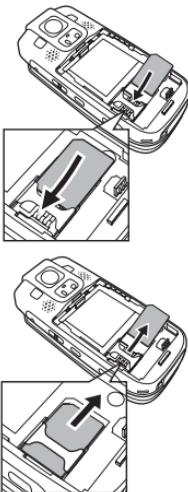
Open Style

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 USIM card straight, making sure the IC portion is facing down (as shown in the illustration to 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."

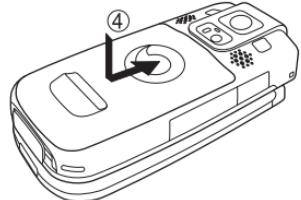
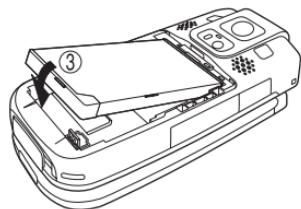
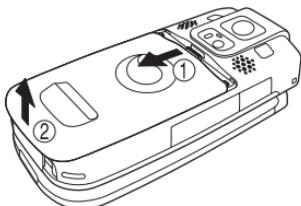
PIN2

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 307). 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 307).

Battery Pack



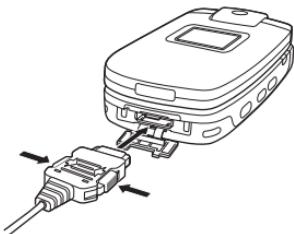
Before using your phone for the first time, charge the battery.

Inserting & Removing the Battery Pack

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

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

Note

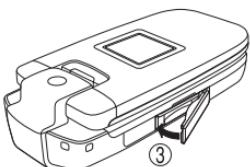
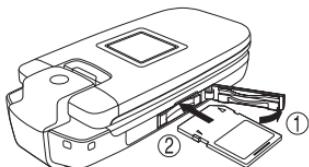
- The rapid charger supports a power supply of 100 to 240 V AC.
- The rapid charger plug is for use in Japan. Purchase an adapter plug for use overseas.
- To use the rapid charger in another country, purchase and use an appropriate adapter plug for the country. Vodafone accepts no liability whatsoever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

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 1G (as of May 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.



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

- A screen for setting the date and time appears the first time you turn on the power of your phone. Set the date and time while referring 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 246).
- 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 .

The standby screen appears on the main display.

If the PIN1 code setting (page 234) is set to **On**, enter your PIN1 code.

Turning Power Off

1. In standby mode, press and hold .

The Power Off screen appears and the power is turned off.

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 243).

Language Setting

You can change the language displayed on your phone. For details on setting the language, see page 214.

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 202).

Setting the Date & Time

You can set the date and time displayed in standby mode.

1. In standby mode, press (Speaker), 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 (two digits), 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 263.

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 the city you want to set and press .

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

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)

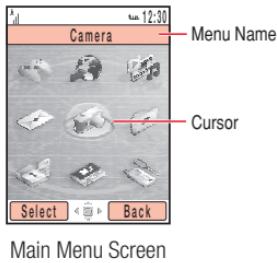
You can set the summer time.

Tip

If the DST setting is set to **On**, the  indicator appears on the display when you set (page 49) or display (page 263) the world clock. The  indicator or **DST** appears for the time displayed in standby mode.

Accessing Functions

Accessing a Function from the Main Menu



Main Menu Screen

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!: Allows you to access the Vodafone live! menu and download pictures, melodies and applications (page 161).

Media Player: Allows you to play audio and video files (page 175).

Messaging: Allows you to create MMS/SMS messages. You can also check received and sent MMS/SMS messages (page 135).

Camera: Allows you to take pictures and record videos (page 105).

Data Folder: Allows you to check the pictures you took, videos you recorded and other data stored in data folders (page 183).

Tools: Allows you to access preinstalled convenient functions (page 249).

Phonebook: Allows you to access and update the Contacts list (page 75).

Settings: Allows you to modify and confirm the settings of your phone (page 199).

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

- You can perform the following operations if you press  (Options) after entering a phone number in standby mode.
 - Voice Call:** Makes a voice call.
 - Video Call:** Makes a video call (page 94).
 - Save to Contacts:** Saves the phone number to the Contacts list (page 76).
 - Send Message:** Allows you to create an SMS/MMS message (pages 137, 149).
 - Manual Hyphen:** Displays a “-”.
 - Pause:** Allows you to use the pause (P) for sending touch tones (page 270).
 - International Call:** Allows you to add the international code and country code (page 227).
 - Hide My ID:** Hides your number from the other party (page 226).
 - Show My ID:** Shows your number to the other party (page 226).
- You can also make a call from the Contacts list (page 84) 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 225) or Any Key Answer (page 225) to answer a call.

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.

- Press .
- 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.

- Press (Hold) when a call is received.
- Press (Unhold) to answer the call.
- 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.

- 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 231).

- A call is received.
- Press .

Engaged Call Operations

Tip

You can send and receive messages and access the Web during a voice call. This function is only available while you are in an area with 3G coverage (UMTS area). It is unavailable during a video call even if you are in an area with 3G coverage.

Options Available during a Call

You can perform the following operations if you press  (Options) during a call.

- ◆ **Hold:** Places the call on hold.
- ◆ **Mute My Voice:** Mutes the outgoing sound.
- ◆ **Mute All:** Mutes 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:** Records the other party's voice (page 56).
- ◆ **My Details:** Displays the owner information (page 92).
- ◆ **DTMF Off/On:** Allows you to disable or enable the sending of DTMF tones.

Earpiece Volume

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 258.

You can 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 a side key () to increase the earpiece volume and use or a side key () 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 () 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

- You can also view Dialled Numbers if you press  in standby mode.
- You can also view Received Calls if you press  in standby mode.
- You can perform the following operations if you press  (Options) while viewing dialled numbers, missed calls or received calls.
 - **View:** Displays call details.
 - **Voice Call:** Makes a voice call.
 - **Video Call:** Makes a video call (page 94).
 - **Send Message:** Allows you to create an SMS/MMS message (pages 137, 149).
 - **Save to Contacts:** Saves the phone number to the Contacts list (page 76).
 - **To Rejection List:** Saves the phone number to the Rejection list (page 231).
 - **Delete:** Deletes the entry.
 - **International Call:** Allows you to add the international code and country code (page 227).

Viewing Dialled Numbers/Missed Calls/Received Calls

You can view the last 20 dialled 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 **Dialled Numbers**, **Missed Calls** or **Received Calls** and press .

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

Tip

- **Hide My ID:** Hides your number from the other party (page 226).
- **Show My ID:** Shows your number to the other party (page 226).

Viewing Call Time

Viewing Last Call/All Calls

1. In standby mode, press  (Speaker), 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**.

Viewing Call Costs

Note

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

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 the currency (three characters) you want to display and press  ().
5. Enter the rate you want to set 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

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).

- In standby mode, press , select **Settings** and press  (Select).
- Select **Call Settings** and press  (Select).
- Select **Voicemail** and press  (Select).
- Select **Voicemail Settings** and press  (Select).
The Voicemail Settings screen appears.
- Select **Registration** and press  (Select).
- Select a diverting condition and press  (Request>Select).
 - All Calls:** All calls are diverted. The ringer does not sound before forwarding the call.
 - When Busy:** Press  (Busy) 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 listen to your voicemail from standby mode, press and hold



Listening to Your Voicemail

1. In standby mode, press (Settings), 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.

Call Diverting

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).

Activating Call Divert

1. In standby mode, press , select **Settings** and press 
2. Select **Call Settings** and press 
3. Select **Call Diverting** and press 
4. Select the calls you want to divert and press 
 - ◆ **All Services:** Allows you to set Call Divert for all call types.
 - ◆ **Voice Call:** Allows you to set Call Divert for voice calls.
 - ◆ **Video Call:** Allows you to set Call Divert for video calls.
 - ◆ **Fax:** Allows you to set Call Divert for fax communication.
5. Select a diverting condition and press 
 - ◆ **All Calls/All Faxes:** All calls are diverted to the preset number. The ringer does not sound before forwarding the call.
 - ◆ **When Busy:** Press  (Busy) to divert a call to the preset number.
 - ◆ **No Answer:** Diverts a call if you do not answer it within the set time. Set the answer time.
 - ◆ **Not Reachable:** Diverts 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).

Call Barring

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

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).

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.

Multiparty Call

Note

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

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

- You can perform the following operations in T9 mode or Multi Tap mode.
 - To switch between T9 mode and Multi Tap mode, press and hold .
 - To toggle between initial caps, uppercase, lowercase and numeric input mode, press .
 - To display the symbols list to enter a symbol, press .
 - To enter a space, press .
 - To enter a number, press and hold a digit key.
 - To delete a character, press  (Clear) or .

Text Entry Modes

Your phone has four text entry modes. Use these modes when saving new entries to the Contacts list or creating text messages.

Switching Text Entry Modes

To switch the text entry mode in a text entry window, press  (Options), select **Input Method**, press  (Select), select a text entry mode and press  (Select). The selected text entry mode is indicated at the top of the text entry window.

- ◆ **T9 abc/ T9 Abc/ T9 ABC:** Allows you to enter characters in T9 mode (page 71).
- ◆ **abc/Abc/ABC (Multi Tap mode):** Enter roman letters using the keypad.
- ◆ **Symbols:** Symbol input mode.
- ◆ **Numeric:** Numeric input mode.

Tip

- To display a list of conversion predictions, press  three times in Step 2. Select a word and press  (Select) to confirm the word.
- If the word you want to enter does not appear in the list of conversion predictions, the word will appear next time if you add it to the T9 dictionary (page 74).
- To enter a symbol, press  and then press .

Tip

To enter a symbol, press .

T9 Mode

In T9 mode, press a key once for each letter you want to enter. This feature displays word predictions while you enter characters.

- In a text entry window, switch to T9 mode (page 70).
- Enter characters.

Example: To enter "dog," press   .

If the word you want to enter does not appear, press  to display the next prediction.

- Press  to confirm your selection.

If you want to reconvert a word after it has been confirmed, press , highlight the word and press .

Multi Tap Mode

In Multi Tap mode, each press of a key cycles through the letters and symbols assigned to the key.

- In a text entry window, switch to Multi Tap mode (page 70).
- Enter characters.

Example: To enter "dog," press  once,  three times and  once.

Entering Symbols

1. In a text entry window, switch to Symbols mode (page 70).
A list of symbols appears.
2. Select a symbol and press .

Using Numeric Mode

In Numeric mode, you can enter a number in a text entry window by simply pressing the digit key to which the number is assigned.

Text Editing Functions

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 .

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).

Note

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

Insert

You can select information from notepad (page 261), 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 the item you want to insert 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.

Adding a Word to the T9 Dictionary

Tip

If  (Spell) appears for a word during character input in T9 mode, the word is not in the T9 dictionary. To add the word to the T9 dictionary, press  (Spell).

If a conversion doesn't appear in the conversion prediction list, add it to the T9 dictionary. The next time you enter text in T9 mode, the conversion will appear in the prediction list.

1. In a text entry window in T9 mode, press  (Options), select **Add to Dictionary** and press  (Select).
2. Enter the word and press  (OK).

When you enter a word, the mode switches automatically to Multi Tap.

Contacts List



Phonebook Menu Screen

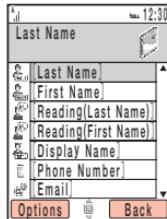
You can save up to 500 Contacts list entries to your phone. You can also save Contacts list entries to the USIM card and a memory card. The maximum number of entries you can save depends on the size of entries and available space in the USIM card or memory card.

- ◆ **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 and set the scroll speed for the Contacts list screen.
- ◆ **Memory Status:** Displays the number of Contacts list entries in your phone, USIM card and memory card.

Adding an Entry to the Contacts List

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.



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, Settings, Location and Note cannot be set for the Contacts list of a memory card.

◆ 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

◆ Street Address

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.

- ◆ **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.
 - ◆ **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 .

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).

Incoming Settings

Setting a Picture

- 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.

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 183). To select a file, press .
4. Press (Options).
5. Select **Save** and press (Select).

Setting the Ringtone & Other Settings

Note

- When the Mode Settings (page 206) is set to **Silent**, the ringtone does not play and your phone does not vibrate.
- Video and sound files without transfer permission cannot be set.

Tip

If you select **Same as Phone** in Step 3, the settings will be the same as the corresponding settings of "Phone Profiles" (page 206). The external light setting will be the same as corresponding setting of "Setting the Incoming External Light" (page 219).

- 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 **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 ringtone 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 208).
 - ◆ **Vibration:** Allows you to set the vibration for incoming calls. Select a ringtone type and select a vibration pattern.
 - ◆ **Secret Setting:** Allows the Contacts list entry to be displayed only if Secret mode (page 240) 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).

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.

Note

Preset categories cannot be renamed.

Renaming a Category

1. In standby mode, press  (Speaker), select **Phonebook** and press  (Select).
2. Select **Manage Category** and press  (Select).
3. Select a category 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).

Resetting a Category

Note

Preset categories cannot be deleted.

1. After Step 2 of “Renaming 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

Note

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

1. After Step 3 of “Renaming 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 the groups to use for MMS addresses. 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).

Note

The group cannot be saved unless information is entered for both Name and Send to fields.

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).

Note

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

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 .
3. The details of the selected member appear.
3. Select a phone number or email address and press .

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

Searching for an Entry in the Contacts List

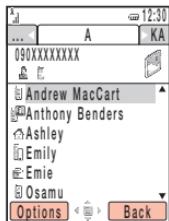
1. In standby mode, press (Speaker), select **Phonebook** and press (Select).
2. Select **Contacts List** and press (Select).
The Contacts list appears.
3. Press (Options).
4. Select **Search by** and press (Select).
5. Select a search method and press (Select).

◆ **2-Touch:** Convenient for searching Japanese names in Japanese language mode.
For details, refer to the Japanese user manual.

◆ **Reading:** Allows you to search an entry from the Reading field. Enter a letter to
search names beginning with that letter.

◆ **Phone Number:** Enter a number and press (OK). 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.



Contacts List Screen

Tip

To display the Contacts list from
standby mode, press .

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 .
4. The details screen of the entry appears.
4. Select a phone number and press .
5. 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 .
- ◆ **SMS:** Allows you to create an SMS message (page 149).
◆ **MMS:** Allows you to create an MMS message (page 137).

Using Speed Calling

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).

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 190) 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 281).
 - ◆ **Bluetooth:** Sends the information by Bluetooth™ (page 277).

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

You can edit and delete entries 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. 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 selected entry.
- ◆ **Search by:** Allows you to search for an entry in the Contacts list (page 84).
- ◆ **Edit:** Displays the edit screen for selected entry.
- ◆ **Delete:** Deletes one or all Contacts list entries.
- ◆ **Select Multi:** Allows you to select multiple Contacts list entries to simultaneously 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:** Displays a list of Contacts list entries in a memory card.
- ◆ **Phone/USIM:** Displays a list of Contacts list entries in 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:** Displays the Contacts list entries of the selected 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).

Prohibiting Use of the Contacts List

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.

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 (Speaker), select **Phonebook** and press (Select).
2. Select **Memory Status** and press (Select).

Owner Information

Tip

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

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

1. In standby mode, press (Speaker), 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 84) 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 same procedures used for voice calls: Rejecting calls (page 54), diverting calls (page 63), Any Key Answer (page 225) and Open to Answer (page 225).
- 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 .

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 206) 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  (Speaker) 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.

Tip

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

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

- 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 the item you want to set 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.

Tip

When you switch from the internal camera to the external camera, a large outgoing image appears on the display. When you switch from the external camera to the internal camera, a large incoming image appears on the display.

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

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

Using the Zoom

You can enlarge the image to be sent to the other party during a call. 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 the display method you want to set 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 

Video Call

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 the picture you want to send 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 .
- ◆ **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 the item you want to set and press (Select).
 - ◆ **Camera Monitored:** Sends video images recorded during a call.
 - ◆ **My Pictures:** Allows you to select a picture to send from the Picture folder or 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 206) 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 the item you want to set 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 the image type you want to set 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



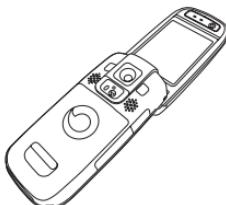
Turnover Style

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 267).

Modes

Change the orientation of the phone according to the mode.

Modes for Taking Pictures

- ◆ **Digital Camera:** Allows you to take high-quality pictures at W640×H480 or higher resolution.
- ◆ **Mobile Camera:** Allows you to take pictures at W240×H320 size or smaller for use as wallpaper, etc.
- ◆ **Scanner:** Allows you to scan QR codes. For details, see "Barcode" (page 266).

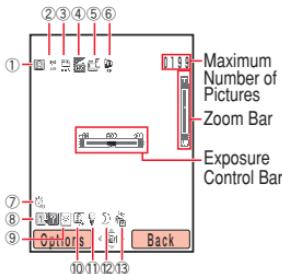
Modes for Recording Videos

- ◆ **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:

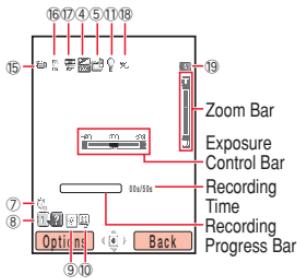
- 1600 1200 W1600 × H1200, 1280 1024 W1280 × H1024,
- 1024 768 W1024 × H768, 540 480 W640 × H480,
- 240 320 W240 × H320, 160 144 W144 × H176,
- 120 112 W120 × H160, 80 72 W112 × H112,
64 56 W96 × H128

③ Picture Quality: 🖼 Fine, 🖼 Normal, 🖼 Economy

⑥ Focus Mode: 🕋 Auto, 🕒 Macro, 🕓 Infinity

⑫ 🌙 Night Mode

⑬ 🌟 Auto Bracket



Video Monitor Screen

Video Camera Indicators

- ⑯ Record Mode: Record Mode, Internal Camera in Use
- ⑰ Video Size: W320 × H240, W176 × H144, W128 × H96
- ⑱ Video Quality: Super Fine, Fine, Normal
- ⑲ Voice Record Off: Voice Record Off
- ⑳ 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 188).

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 in the main display and press  or a side key ().

The shutter clicks and the picture is saved automatically 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 281).

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.

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

Note

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

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.

Functions for Taking Pictures

Tip

For details on changing the picture size in Digital Camera and Mobile Camera, see page 125.

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

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).

Multi Shots

You can take up to 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).

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 before capturing image.
Press  or  to display the previous frame and press  or  to display the next frame.
4. Press  (OK).

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.

Tip

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

Note

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

Auto Bracket

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**.

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)

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.

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.

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 .
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 
◆ **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.

Tip

Some pictures cannot be saved as thumbnails.

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.

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 image.

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 in the main display and press  or a side key .

The start sound is heard and recording begins.

To pause recording, press  or a side key  or a side key .

3. Press  or a side key .

The end sound is heard and the video is saved automatically 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 281).

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).

Playing a Video

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.

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 .

Settings for Recording Videos

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**.

Changing the Video Quality

1. In standby mode, press  (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 your image on the display 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 display, 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 display, 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. Press  (Options) from the display, 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 display, 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 display, 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 setting 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 .
- ◆ **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 after Step 10, repeat from Step 9.

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** 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. メールアドレス編集** and press .
9. Select the character input field and press .
10. Enter an account name and press .
11. Select **OK** and press .

Message Menu

Tip

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

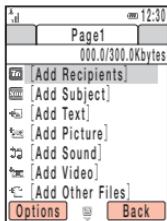
You can access the Message menu by pressing  from standby mode.

- ◆ **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).

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



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.

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 **[◻]**.
 - ◆ **Add Subject:** Allows you to enter a subject.
 - ◆ **Add Text:** Allows you to enter a message. To set the text colour or font size, select the text you entered, 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 .

The message is sent and then saved to Sent Messages.

Recipient List Operations



Recipient List Screen

Note

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

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 addresses.
- ◆ **Add Recipients:** Allows you to add addresses. You can enter up to 30 addresses for each of To, Cc and Bcc.
- ◆ **Delete Recipient:** Allows you to delete addresses.
- ◆ **Save to Contacts:** Allows you to save an address to the Contacts list.
- ◆ **Set as To/Cc/Bcc:** Allows you to switch To/Cc/Bcc for an 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.

Using MMS Template

Tip

- Press  (Options) in Step 3, to edit the template, etc.
- If preinstalled templates have been deleted or edited, use Clear Memory (page 240) to re-install the templates.

Tip

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

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  () (Menu), 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.

Setting the File Playback Time

Note

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

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 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).

Checking MMS Messages in Received Msgs.

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

When a message is received, 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 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

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 Retrieve Mode of "Receiving Settings" (page 146) is set to **Deferred** or **Always Ask**, messages are not received automatically. Notifications are received instead.

When a notification is received, the  indicator appears at the top of the display. The notification contains the first part of the message. The complete MMS message is stored temporarily on the mail server (page 145).

In the notification message, select <**Retrieve MMS**> and press .

Checking MMS Messages in Sent Messages



List Screen

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 MMS messages.

MMS message (high priority level, low priority level)

Delivered MMS message

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).
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 in Default Recipient to capture and send an image from turnover style.

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 message with other phones. For details on SMS, contact Vodafone General Information.

Creating & Sending an SMS Message

1. In standby mode, press () (Message), select **Create Message** and press (Select).
2. Select **SMS** and press (Select).
The Create Message screen appears.
3. Enter a message and press .
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 .
6. The Recipient list appears.
6. Select **Send SMS** and press .

The message is sent and then saved to Sent Messages.

Recipient List Operations

Note

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

- ◆ **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 Template

Tip

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

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

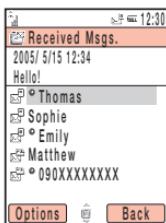
1. In standby mode, press  () (✉), select **Templates** and press  (Select).
2. Select **SMS Templates** and press  (Select).
3. Select a template and press .

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

Checking SMS Messages in Received Msgs.

Tip

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



List Screen



Message Screen

When a message is received, 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 message 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



List Screen

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.

SMS Settings

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.

1. In standby mode, press  () (✉), 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**.

Received Msgs. Operations

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.

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).

Sent Messages Operations

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.

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  () (Mail), 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! home page, press from standby mode.

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 an item and press (Select).

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

3. Press to end Vodafone live!.

Vodafone live! Menu

You can perform the following operations via the Vodafone live! menu.

- ◆ **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 the item you want to use 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.
- ◆ **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.
- ◆ **Page Details:** Allows you to confirm details such as the title, file size and transfer permission of the displayed information.
- ◆ **Other Settings:** Allows you to copy text and change the font size or encoding of information. You can also clear the cache and display the details of server certificates.
- ◆ **Do Actions:** Allows you to perform the action specified in the displayed Web page.

Using Files in Web Pages

Note

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

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 the item you want to use 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.

Downloading Files from Links

Note

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

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 the item you want to use 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), 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.

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

Applications

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 220), some network applications may not run properly.

Games&More Menu



1. In standby mode, press **[]**, select **V-appli** and press **[]** (Select).
2. Select the item you want to use 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.

Downloading V-appli

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 will no longer be available. This does not apply to preinstalled applications.

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 .
4. An application download site appears.
5. Select an application and press .
6. The application details screen appears.
5. Press (Downld.).
Downloading begins.
6. Press (Yes).
The V-appli Library appears.

Starting V-appli

Tip

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

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

Tip

- You can also change the volume level while an application is running. Press a side key () to increase the volume level and press a side key () to decrease the volume level.
- If the memory is cleared, any preinstalled applications that were deleted are reinstalled and returned to their initial state.

1. In standby mode, press , select **V-appli** and press (Select).
2. Select **Settings** and press (Select).
3. Select the item you want to set 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 alarm 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  (Speaker), 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

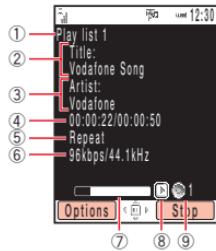
Media Player allows you to play video/audio files, stream files and save files to Favourites. You can also play video and audio files downloaded from the Web or videos recorded with the camera.

Media Player supports MPEG-4 file format.

Media Player Menu

1. In standby mode, press  select **Media Player** and press  (Select).
2. 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.

Playing Audio Files



Tip

To start the browser and connect to an audio file download site, select **More Sounds** in Step 3.

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.

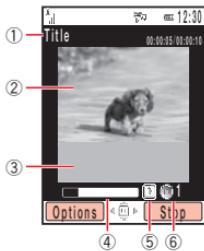
1. In standby mode, press (Speaker), select **Media Player** and press (Select).
2. Select **My Sounds** and press (Select).
3. Select the audio file you want to play and press .

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.

Playing Video Files



Tip

To start the browser and connect to a video file download site, select **More Videos** in Step 3.

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.

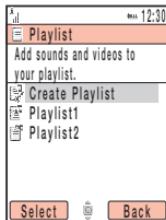
1. In standby mode, press **[]**, select **Media Player** and press **[] (Select)**.
2. Select **My Videos** and press **[] (Select)**.
3. Select the video file you want to play and press **[]**.

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.

Creating a Playlist



Note

A combination of audio and video files cannot be added to the same 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 **Media Player** and press **[] (Select)**.
2. Select **Playlist** and press **[] (Select)**.
3. Select **Create Playlist** and press **[] (Select)**.
4. Enter the name of the playlist and press **[]**.
5. Select **My Sounds** or **My Videos** and press **[] (Select)**.
6. Press **[] (Options)**.
7. Select **Select Multi** and press **[] (Select)**.
8. Select a file you want to add to the list and press **[]**.
To add another file, repeat Step 8.
9. Press **[] (Options)**.
10. Select **Add Files** and press **[] (Select)**.

Playing a Playlist

1. In standby mode, press (Speaker), select **Media Player** and press (Select).
2. Select **Playlist** and press (Select).
3. Select the playlist you want to play and press .

Media Player Operations

Note

Some items do not appear depending on the screen type.

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.

- ◆ **Pause/Play:** Pauses or 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.
- ◆ **Rename:** Allows you to change the name of a file or playlist.
- ◆ **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.
- ◆ **Thumbnail View/List View:** Switches between thumbnails view and list view.
- ◆ **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

Note

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

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.

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 contains ten preinstalled folders for storing files. In addition to these, you can create your own folders (personal folders). 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 (JPEG), GIF (GIF), WBMP (WBMP), PNG (PNG)
Digital Camera	JPEG (JPG) ¹
Videos	MPEG-4 ² (M4V)
Sounds&Ringtones	AMR/MPEG-4 ² (AMR), SMF/SP-MIDI ² (SMF), SMAF (SMAF), XMF (XMF)
Recordings	AMR (AMR)
V-appli	Java (JAR)
My Saved Pages	HTML/XHTML (HTML)
SMS/MMS Templates	Text (Text/Text)
Other Files	vCard (VCF), vCalendar (VCALENDAR), SVG (SVG) Text (Text), Unknown File Types ³ (Unknown)

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.

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, contents 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).

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 by infrared communication to an infrared 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.

- ◆ **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.
- ◆ **Thumbnail View/List View:** Switches the display of files and folders between thumbnails view (icons and images) and list view (text and guide).
- ◆ **Slideshow:** Displays 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.
- ◆ **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

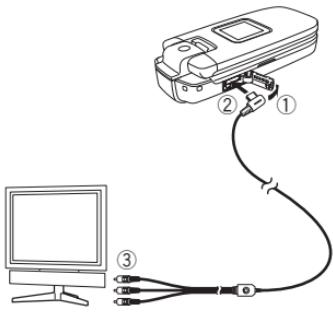
The use of a TV as a display for the camera is only possible while you are using the external camera.

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  (Speaker), 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).



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

A confirmation screen appears.

3. Press (Yes). 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 .

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 264)
 - Receiving a voice/video call
 - Receiving a message/Web information or reaching an alarm time up

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.

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 250.
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 (Speaker), select **Phonebook** and press (Select).
 2. Select **Contacts List** and press (Select).
 3. Press (Options).
 4. Select **Select Multi** and press (Select).
 5. Select the Contacts list entry with you want to move from your phone 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 194), select the Contacts list entries with  you want to move from the USIM card and then perform the rest of the Steps.

Copying Contacts List Entries

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 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 the Contacts list entry with you want to copy from your phone 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 the Contacts list entries with you want to copy from the USIM card 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 .
- ◆ **Move to Phone:** Moves messages in the USIM card to your phone.

Moving Messages from the USIM Card

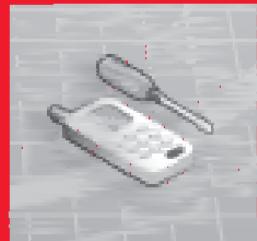
1. In Step 1 of "Moving Messages to the USIM Card" (above), select the messages with  you want to move from the USIM card and then perform the rest of the Steps.

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**



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 the type of picture you want to set 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.
6. Select the picture you want to set and press .
7. Press  (Set/OK).

Setting the Incoming Display

Tip

For details on the editing (changing the size, etc.) of a picture saved to Data Folder, see "Editing a Picture" (page 115).

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  (Speaker), 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 the item you want to set and press  (Select).
 - ◆ **Incoming Picture:** Allows you to set the incoming picture. Set **Preset Picture** (default picture) or select the picture you want to set 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

You can select the clock display for the main display from six types. You can also set whether to display the time on the external display.

Setting the Clock Display for the Main Display

1. In standby mode, press  (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 the type of display you want to set 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.

Setting the Clock Display for the External Display

1. In standby mode, press (Settings), 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).

Note

You cannot switch the clock that appears in the upper right of the display to the 12-hour clock.

Switching between the 12-hour and 24-hour Clock

1. In standby mode, press (Settings), 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 the item you want to set 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 (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 and your phone does not vibrate for incoming calls regardless of the phone profile settings.

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.

This feature allows you to change the sound and vibration to match your surrounding conditions. 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 the profile you want to set and press .

If a profile other than Normal is set, the indicator ( /  / ) for the profile appears at the top of the display.

Personalising Profiles

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 the Ringtone Volume

For any profile except Silent, you can set the ringtone volume.

1. After Step 2 of "Switching Profiles" (page 206), 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.

Personalising the Ringtone

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 200) 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**.

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 206), 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 the type of tone you want to set 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 the tone you want to set 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 206), select the profile you want to set 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 the vibration pattern you want to set 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 206), 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 206), 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 206), select **Normal**, **Car** or **Meeting** and press  (Options).
2. Select **Personalise** and press  (Select).
3. Select **Sound Effects Vol.** and press  (Select).
4. Select the item you want to set 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 206), select **Normal**, **Car** or **Meeting** and press  (Options).
2. Select **Personalise** and press  (Select).
3. Select **Sound Effects** and press  (Select).
4. Select the item you want to set and press  (Select).
5. Select the type of tone you want to set and press  (Select).
 - ◆ **Preset Patterns:** Allows you to set the default sound effect.
 - ◆ **Preset Sounds:** Allows you to select from melodies and sound effects preinstalled in your phone. Select the sound you want to set, press  and then press  (Assign).
 - ◆ **My Sounds:** Allows you to select from sound files stored in Data Folder. Select the sound you want to set, 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 games, messaging, Vodafone live! and playing sound data in Data Folder.

1. After Step 2 of "Switching Profiles" (page 206), 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 206), 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).

Personalising the Alarm Tone

Note

Whether an alarm tone plays in Normal profile and Car profile depends on the alarm (page 254) and Calendar (page 250) settings.

You can set whether the alarm tone plays for Silent profile and Meeting profile.

1. After Step 2 of "Switching Profiles" (page 206), 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 206), select the profile you want to reset 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 (Speaker), select **Settings** and press (Select).
2. Select **Phone Settings** and press (Select).
3. Select **言語選択** and press (Select).
4. Select the language you want to set 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 the function you want to set 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

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).

1. In standby mode, press .
2. Select the function you want to access and press .

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 Main menu (page 51), Calendar (page 250), Profile switch (page 206) and Torch (page 269).

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 the function you want to set and press (■) (Select).

Setting the Navigation Key Shortcuts

Tip

To reset which functions are assigned to the navigation keys, select **Set to Default** after Step 5.

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 215), Phonebook (page 84), Dialled 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  **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 the colour you want to set 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  (Speaker), 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 Calls, Video Calls or Messaging** and press  (Select).
6. Select the colour you want to set 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  (Speaker), 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

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.

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.

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).
2. The Answerphone list appears.
2. Select the message you want to play 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  (Speaker), 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  (Speaker), 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  (Speaker), 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  (Menu), select **Settings** and press  (Select).
2. Select **Call Settings** and press  (Select).
3. Select **Common Settings** and press  (Select).
4. Select the volume you want to set 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.
While you are adjusting the volume, a confirmation tone is played to enable you to hear the volume level.

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

This feature allows you to answer incoming calls with any key. If Any Key Answer is set to **On**, you can answer an incoming call with any of                   <img alt="key icon"

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

You can set whether to notify the other party of your phone number when you make a call.

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.

Automatically Hiding/Showing Caller ID

1. In standby mode, press  (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 the number you want to set and press (OK).
To delete the international code, press and hold .

Adding an Entry to the Country Code List

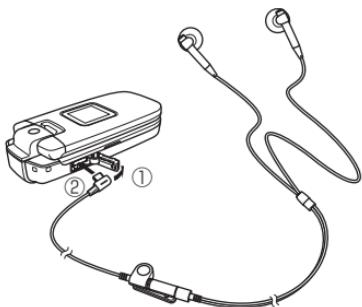
Note

You can edit or delete entries after Step 2. However, only the entries for the three additional country codes can be deleted.

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 227), 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 (Speaker), 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

Rejecting Incoming Calls

Tip

To check details or edit/delete a phone number, select a phone number after Step 6 and press  (Options).

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 231).
5. Select **On** and press  (Select).

Reception Restriction

Adding an Email Address or Phone Number to the Rejection List

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).

You can add up to 50 email addresses or phone numbers to the Rejection list to reject the reception of messages from those email addresses and phone numbers.

1. In standby mode, press  (Mode), 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 the email address or phone number you want to add 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 (Speaker), 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 (Speaker), 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.
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 the Phone Lock

1. In standby mode, press  (Speaker), 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**.

Fixed Dialling Numbers

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**.

Setting Fixed Dialling Numbers

1. In standby mode, press  (menu), 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).

Adding Phone Numbers to the Fixed Dialling Number List

Note

Before performing this operation, set the Fixed Dialling Number setting to **On** beforehand (page 237).

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).

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 230).

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  *^{**}_{A₁₂}.

The  indicator appears on the standby screen.

Cancelling the Key Guard

1. Press and hold  *^{**}_{A₁₂} while the key guard is set.

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 at the top of the display.

Initialising Your Phone

Note

This operation does not reset the data of the security code (page 52), USIM card and 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.

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.

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  (Settings), 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 the item you want to set 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 241), select **Add New Network** and press  (Select).
2. Select **<Empty>** and press  (Options).
3. Select **Edit** and press  (Select).
4. Select the item you want to set 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 241), select **Set Preferred** and press  (Select).
 2. Press  (Options).
 3. Select an operation and press .
- ◆ **Add:** Allows you to select the network you want to add from the Network list and add it to the bottom of the Preferred Network list.
 - ◆ **Insert:** Allows you to select the network you want to add from the Network list and insert it in a specified place in the Preferred Network list.
 - ◆ **Move:** Allows you to select the network you want to move and change the order by moving the network in the list.
 - ◆ **Delete:** Deletes the selected network.

Setting the System Mode

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 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.

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 (Speaker), select **Settings** and press (Select).
2. Select **Network Settings** and press (Select).
3. Select **System Mode** and press (Select).
4. Select the item you want to set 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. You can set the information for up to six connections per 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 the application you want to set and press  (Select).
 5. Select <Empty> and press  (Options).
 6. Select **Edit** and press  (Select).
 7. Select the item you want to set 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).

Modifying Application Settings

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. Also, a preset factory profile cannot be deleted.

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. Also, preset factory NAP cannot be deleted.

1. After Step 3 of "Setting the Network Connection Information" (page 244), select the application you want to set and press .

2. Select the connection information you want to set and press .

Internet Settings

You can edit the network access point (NAP) information used when modifying application settings (above). You can register information for up to 20 NAP.

1. In standby mode, press , select **Settings** and press .
2. Select **Network Settings** and press .
3. Select **Internet** and press .
4. Select **<Empty>** and press .
5. Select the item you want to set 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 .
- A confirmation screen appears.
9. Press  (Yes).

Retrieving Network Information

Tip

The first time you turn on the power after purchasing your phone, a prompt for retrieving network connection information appears if you press or .

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).

Location Settings

You can configure the settings for retrieving location information.

Saving a Location Information URL

You can set a map provider for displaying maps from the Contacts list.

1. In standby mode, press  (), select **Settings** and press  (Select).
2. Select **Location Settings** and press  (Select).
3. Select **URL Settings** and press  (Select).
4. Select <Empty> and press  (Edit).
5. Enter the URL for retrieving location information and press .

Setting the Location Information URL

1. After Step 3 of "Saving a Location Information URL" (above), select the URL you want to set and press .

Location On/Off Setting

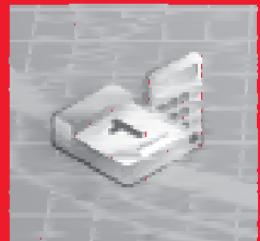
1. After Step 2 of "Saving a Location Information URL" (above), select **Location On/Off** and press  (Select).
2. Enter your security code (page 52).
3. Select **On** or **Off** and press  (Select).

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 206) 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 the item you want to set 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.

Checking Appointments

Tip

To switch the view between month, week, day and all appointments, press  (Options) after Step 2 and select **Calendar View**.

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 .
4. A list of appointments for the selected date appears.
4. Select the appointment you want to check and press .
5. The details of the appointment appear.

Tip

- The items displayed vary depending on the Calendar view (page 250).
- 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 281) or Bluetooth™ communication (page 277).
- ◆ **Lock Calendar:** Locks the calendar. To cancel the lock, enter your security code (page 52).
- ◆ **Holiday Setting:** 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 206) 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 **Alarm** and press (Select).
3. Select the alarm you want to set and press (Select).
4. Select **On** and press (Select).
The alarm settings screen appears.
5. Select the item you want to set 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 (Select). 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 208).
 - **Alarm Volume:** Allows you to set the alarm volume.
 - **Vibration:** Allows you to set the alarm vibration.

◆ **Everyday (default):** 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

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.

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).

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 -.

Calculator Operations

You can perform the following operations if you press (Options) from the Calculator screen.

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.

- ◆ **=:** 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  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 the amount you want to convert.
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 220).

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

- In standby mode, press , select **Tools** and press  (Select).
- Select **Voice Recorder** and press  (Select).
- Select **Record** and press  (Select).

The Recording screen appears.

- 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**.

- Select **Record** and press  (Select).
Recording begins.
- Press  (Pause) to pause recording.

To resume recording, press .

To save the recording data, press  (Save).

Playing Recordings

Tip

To play recording data saved to a memory card, select **Memory Card** after Step 4.

1. In standby mode, press (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 the recording data you want to play 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 212) 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

Note

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 the position to which you want to save the memo and press .
4. Enter the contents of the memo and press .

Number Memo

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.

Tip

- You can enter a total of up to 40 numbers and symbols (X, #, - 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.

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 
2. Select **World Clock** and press 
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

Note

- Another application may not be able to be started while some applications are running.
- An application may not be able to be switched to in the Multi Task screen depending on how the application was started.

Tip

The following applications can be started from the Multi Task screen.

- | | |
|------------------|-------------------|
| • USIM-appli | • Countdown Timer |
| • Calendar | • Notepad |
| • Alarm | • Number Memo |
| • Calculator | • World Clock |
| • Converter | • Backup |
| • Voice Recorder | |

Switching Applications

Note

A V-appli cannot be resumed while another application is running. End the application.

1. Press  while an application is in use.
The Multi Task screen appears.
2. Select the application to which you want to switch and press .
The application is switched to the selected application.

Barcode



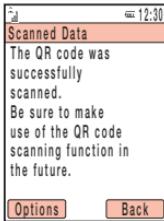
QR Code

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.

Scanning a Barcode



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 75).
- 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.

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

2. Select **Scan Data** and press (Select).

The Scan QR Code screen appears.

3. Align the barcode you want to scan in the guide of the main display.

To adjust the exposure, use . Press to make the barcode darker and 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**.

Saved Barcodes

Tip

To rename or delete scanned data,
press  (Options) after Step 2.

1. After Step 2 of “Scanning a Barcode” (page 267), press  (Options).
2. Select **Scanned Data List** and press  (Select).
3. Select the scanned data you want to use and press .

The barcode data appears.

For details on the operations you can perform while barcode data is displayed, see
“Scanning a Barcode” (page 267).

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 216), this function is unavailable.
- While the phone lock is set (page 236), the key guard is set (page 239) or the countdown timer is activated (page 260), the mobile light cannot be turned on.

When the Flashlight function has been assigned to a side key (○) in the shortcut settings (page 216), 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 03123XXXX3P#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

- If a USB cable is connected to your phone while you are using Bluetooth™, the Bluetooth™ connection ends.
- When Bluetooth™ is used to send/receive data, offline mode is set. The  indicator appears at the top of the display while offline mode is set, except when a dial-up connection was established. When the sending/receiving of data is complete, offline mode is cancelled.

Tip

To transfer the data of Data Folder, perform the transfer operation from the other Bluetooth™ compatible device after Step 5 of "Activating Bluetooth™".

Using Bluetooth™ for Transferring Data

You can transfer the data of the Contacts list, Calendar and Data Folder 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  (Speaker), 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.

Tip

If you enter the same PIN code (4 to 16 digits) on both your phone and a Bluetooth™ compatible device, the Bluetooth™ compatible 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™ Compatible Device

Before establishing a Bluetooth™ connection, you need to perform a search for the Bluetooth™ compatible device to be connected. You can register up to 20 detected Bluetooth™ compatible devices.

1. After Step 3 of "Activating Bluetooth™" (page 273), select **Paired Devices** and press  (Select).
2. Select **Search** and press  (Select).
3. Select a Bluetooth™ compatible device from the detected devices that appear and press  (Select).
4. Enter your 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 273), 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 273), select **Paired Devices** and press  (Select).
2. Select the Bluetooth™ compatible device for which you want to display the details 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 273), select **Paired Devices** and press  (Select).
2. Select the Bluetooth™ compatible device for which you want to change the name 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 273), select **Paired Devices** and press  (Select).
2. Select a Bluetooth™ compatible device and press  (Select).
3. Select **Delete** and press  (Select).

Response to Detection by Other Bluetooth™ Compatible Devices

Tip

You may still receive a connection request even if Visibility is set to **Hide My Phone**.

1. After Step 3 of "Activating Bluetooth™" (page 273), 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 273), select **My Phone ID** and press  (Select).
2. Select **My Phone** and press  (Select).
3. Select **Details** and press  (Select).

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 273), 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

This feature allows you to convert Contacts list entries and Calendar data into vObjects and then send them to a Bluetooth™ compatible device.

1. Set up the other Bluetooth™ compatible device to receive data.
2. Select **Via Bluetooth** from the Options menu of a function and press  (Select).
3. Press  (OK) to switch to offline mode.
4. Select the destination Bluetooth™ compatible device 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**.

Using Bluetooth™ for Receiving Data

When Bluetooth™ is enabled, you can receive data to the Contacts list and Calendar.

1. Press  (Yes) when a confirmation screen appears after a connection request is received from a Bluetooth™ compatible device in the vicinity.
2. Press  (OK) to switch to offline mode.
3. 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.

Connecting to a Handsfree Compatible Device

1. After Step 3 of "Activating Bluetooth™" (page 273), 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  (The  indicator appears on the display during handsfree communication.

Note

The other party's voice cannot be recorded during a handsfree call.

Setting Handsfree

You can set the mode for making and receiving calls while a handsfree compatible device is connected.

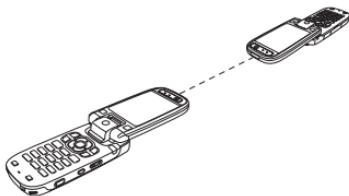
1. After Step 3 of "Activating Bluetooth™" (page 273), select **My Phone ID** and press  (Select).
2. Select **Handsfree Setting** and press  (Select).
3. Select a mode and press  (Select).
 - ◆ **Handsfree Mode:** Allows you to make and receive handsfree calls from your phone.
 - ◆ **Private Mode:** 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.

Using Infrared for Transferring Data



Note

- If a USB cable is connected to your phone while you are using infrared, the infrared communication ends.
- When infrared is used to send/receive data, offline mode is set. The  indicator appears at the top of the display while offline mode is set, except when a dial-up connection was established. When the sending of data is complete, offline mode is cancelled.

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 30 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 **Via Infrared** from the Options menu of a function 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

The save locations of data are determined by the extensions.

Using Infrared for Receiving Data

1. In standby mode, press  (Settings), 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. Press  (OK) to switch to offline mode.
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.

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 6 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 6 of "Using Infrared for Receiving Data" (page 281), follow the instructions on the PC to restore data from the PC to your phone.

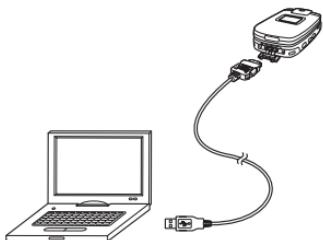
Using Infrared for Dial-up Connections

1. In standby mode, press , select **Settings** and press 
2. Select **Connectivity** and press 
3. Select **Infrared** and press 
4. Select **Dial-up Connection** and press 
5. Select **On** and press 

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 280) 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

- When you send/receive data, offline mode is set automatically. The indicator appears at the top of the display while offline mode is set, except when a dial-up connection was established. When the sending/receiving of data is complete, offline mode is cancelled.
- 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.
- 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.

- Follow the procedure below to connect your phone and a PC with a USB cable.
 - Open the external connector cover of your phone.
 - Insert the plug of the USB cable into the external connector.
 - Connect the USB cable to the USB port of the PC.
- In standby mode, press , select **Settings** and press (Select).
- Select **Connectivity** and press (Select).
- Select **USB** and press (Select).
- Select **Data Transfer** and press (Select).
- Press (OK) to switch to offline mode.
- Follow the instructions on the PC to receive data from your phone to the PC.

Using a USB Cable for Receiving Data

You can receive data to the Contacts list, Calendar and Data Folder.

1. After Step 6 of “Using a USB Cable for Sending Data” (page 283), 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 6 of “Using a USB Cable for Sending Data” (page 283), 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 6 of “Using a USB Cable for Sending Data” (page 283), follow the instructions on the PC to restore data from the PC to your phone.
2. Enter your security code (page 52).

Note

When you receive all vObjects (page 190), 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.

Note

- Charging is not possible while your phone is turned off.
- Charging may not be possible depending on the connection settings of the PC.

Note

When you back up/restore data, offline mode is set. The  indicator appears at the top of the display while offline mode is set. When the backing up/restoring of data is complete, offline mode is cancelled.

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 283), 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 192).

Backing Up Data to a Memory Card

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.

Tip

After Step 6, select **Unmark** to remove the check mark from the select data and select **Unmark All** to remove all check marks.

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.

11. Press  (OK) to switch to offline mode.

A backup file is created in the memory card.

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 
3. Select **Backup** and press 
4. Select **Restore** and press 
5. Select a data and press 
 - ◆ **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.
10. Press  (OK) to switch to offline mode.

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	page 169
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	page 168
Media Player	Backlight: Always On, Visualisations: Off	page 175
Messaging	Receiving Settings (MMS)	Retrieve Mode (Home Network: Deferred, Roaming Network: Deferred), Auto-extract File (Picture: On, Sound: On), Reply for Delivery: On, Anonymous Msg.: Reject
	Sending Settings (MMS)	Delivery Report: Off, Delivery Time: Immediate, Expiry Time: Off, MMS Signature: No Text, MMS Priority: Normal
	Default Recipient (MMS)	No recipient
	SMS Settings	Delivery Report: Off, SMS Signature: No Text
	Common Settings	Reply Settings: Always Ask, Display Font Size: Standard, Page Scroll: 1 Line
	Received Msgs.	Auto-delete: Off
	Sent Messages	Auto-delete: On

Function Name		Default Setting	Page
Camera	Picture 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: ±0.0EV, Auto Bracket: Off	page 112, 113, 114, 124, 125, 126, 127, 128, 129, 130, 131, 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: ±0.0EV	
	Scan Data	—	
Data Folder		Thumbnail View (Pictures and Videos folders only)	page 185
Tools	USIM-appli	—	page 249
	Calendar	Appointment: Unset, Alarm (Alarm: Off, Alarm Tone: Pattern 1, Alarm Volume: Level 3, Vibration: Pattern 1), Lock Calendar: Off, Holiday Settings (Sunday: Red, Weekdays: Black, Saturday: Blue)	page 250, 253
	Alarm	Alarm: Off, Alarm Tone: Pattern 1, Alarm Volume: Level 3, Vibration: Pattern 1, Repeat: Everyday, Snooze: Off	page 254, 255
	Calculator	Set Tax Rate: 1%	page 256
	Converter	Exchange rate: 0	page 257
	Voice Recorder	Save sound to: Recordings of the Sounds&Ringtones folder of the phone	page 258

Function Name		Default Setting	Page
Tools	Countdown Timer	—	page 260
	Notepad	—	page 261
	Number Memo	—	page 262
	World Clock Viewer	DST on/off: DSToff	page 263
	Backup	—	page 286
Phonebook		My Details: Owner phone number only, Default Storage: Phone Memory, Scroll Speed: Fast, Phonebook Lock: Off	page 90, 91, 92
Mode Settings		Normal	page 206
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	page 207, 208, 209, 210, 211, 212, 213
	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: Live, Clock Type Display: 1-line Digital, Backlight Settings (Brightness: Bright, Lighting Time: 15 sec), Operator Name: On, Power Saving: 1min, Cell Information: Off	page 199, 201, 203, 204
	External Display	Wallpaper: Live, Time Display: On, Backlight Settings (Brightness: Bright, Lighting Time: 15 sec), Power Saving: 1min, Contrast: Level 0	page 199, 202, 203, 205
Phone Settings	Date & Time	12 hour/24 hour: 24 hour, World Clock (Set Home City: Tokyo, Set Alternate City: Unset, DST On/Off: Off)	page 48, 49, 50, 202
	言語選択	Automatic	page 214
	Shortcuts	Side Key: Profile Switch, Navigation Keys (◀): Shortcut Menu, (☎): Phonebook, (📞): Dialled Numbers, (✉): Received Calls)	page 216, 217
	External Light	Notification (Missed Calls: Red, Messages: Blue, Voice Mail: Green), Incoming (Voice Call: Purple, Video Call: Purple, Messaging: Aqua)	page 218, 219
	Offline Mode	Off	page 220
	AV Output	NTSC	page 188
Call Settings	Answerphone	Setting: Off, Ringing Duration: 6 sec	page 221
	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)	page 222, 223, 226, 227, 229
	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	page 98, 99, 100, 101, 102, 103

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	page 224, 225
Security Settings	PIN1 Code Request	Off	page 234
	Change PIN1	—	
	Change PIN2	—	
	Change Password	—	
	Phone Lock	Off	page 236
	Reject Calls	Hidden: Off, Public Phone: Off, Unavailable: Off, Unknown: Off, Select Contact: Off	page 231, 232
	Reject Addresses	Off (Unset)	page 233
	Secret Mode	Off	page 240
Memory Settings	Fixed Dialling No.	Off (Unset)	page 237
	Phone Memory	—	page 240
	Memory card	—	page 192, 193
Network Settings		Select Network: Automatic, System Mode: UMTS Only	page 241, 243
Connectivity	Infrared	Dial-up Connection: Off	page 282
	Bluetooth	Switch On/Off: Off, Paired Devices (Trust Devices: Off), My Phone ID (Visibility: Show My Phone, Handsfree Setting: Handsfree Mode)	page 273, 274, 276, 279
	USB	Battery Charge: On	page 285

Function Name		Default Setting	Page
Location Settings		URL Settings: http://mobile.its-mo.com/MapToLink/p2, Location On/Off: On	page 247
Optional Services	Call Diverting	—	page 63
	VoiceMail	—	page 61
	Call Waiting	—	page 67
	Multiparty Call	—	page 69
	Call Barring	—	page 65
Call Log	Dialled Numbers	—	page 57
	Missed Calls	—	
	Received Calls	—	
	Call Timers	Last Call Time: 000: 00: 00, All Calls Time: 000: 00: 00	page 58
	Call Costs	Last Call: 0Yen, All Calls: 0Yen, Cost Unit: Yen, Call Cost Display: Off	page 59
	Data Counter	Last Data: 0Kbytes, All Data: 0Kbytes	page 60
Text Entry		T9 Dictionary: Unset	page 70
Multi Task		—	page 264
Shortcut Menu		Unset	page 215
Press and hold 	Key Guard	Unset	page 239
Press and hold 	Silent	Unset	page 206

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 (page 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 236) is set. Enter your security code.Does "Please insert valid USIM card." appear on the display? The USIM 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 243).Is your hand or another object covering the internal antenna part (page 30, 32) of your phone?Does the  indicator or "Offline Mode" appear on the display? Cancel offline mode (page 220).
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 237) 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 231) 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 237) set?
Cannot receive messages.	<ul style="list-style-type: none"> • Is Reject Addresses (page 233) 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 (page 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 239). Press and hold  to cancel the lock. • Does the  indicator or "Phone Lock" appear on the display? The phone lock (page 236) 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

V-appli

V-appli Library	Up to approximately 10 MB*
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* The V-appli Library shares its memory with Data Folder.

Main Specifications

902T

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. 360 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. 148g (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 and the external display is 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	The latest information sent automatically as a WAP Push message (server initiated rather than user requested) when you have registered with an auto delivery service.
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.

Index

Numbers

3G/UMTS 46, 243, 299

A

About this manual 4
Accessories 2
After sales service 306
Alarm tone 213
Alarms 254
Alternate city 49, 263
Answerphone 54, 221
 Playing a message 221
 Recording 54
 Setting 221
Any key answer 225
Audio files 176
Auto answer 222
 For video calls 101
Auto launch 168

B

Backing up data 281, 284, 286
Backlight 102, 203
Barcode 266
Battery 42
 Alarm 212
 Charging 43
 Inserting & removing 42

Battery alarm tone 212

Bluetooth™ 273
 Transferring data 273
Bookmarks 163
Browser settings 168

C

Calculator 256
Calendar 250
 Adding a new appointment 250
 Managing appointments 253

Call
 Answering a call 54
 Answering a video call 96
 Any key answer 225
 Auto answer 222
 Auto answering for video calls 101
 Making a call 53
 Making a video call 95
 Making an international call 53
 Open to answer 225

Call barring 65
Call costs 59
Call diverting 63
Call logs 57
 Dialed numbers 57
Missed calls 57

Received calls 57

Call time 58
Call waiting 67
Caller ID setting 226
Camera 105
Car, phone profiles 206
Cell information display 204
Certification 168
Changing your mail address 135
Charging, battery 43
 Using a USB cable 285

Clearing memory 240
Clock display 201
Codes 52
 PIN1/PIN2 41, 234, 235
 PUK1/PUK2 41, 235

Connecting
 Using a USB cable 283
 Via Bluetooth™ 277
 Via infrared port 280

Contacts 75
 Adding an entry 76
 Editing 88
 Searching for an entry 84
 Setting groups 82
Contrast 205

Converter 257
Countdown timer 260
Customer service 307

D

Data folder 183
Display the memory status 183
Files storables in data folder 184
Structure 183
Data transfer volume 60
Date & time 48
Dialed numbers 57
Dial-up connection 279, 282, 285
Display language 47, 214
Downloading 167, 171
Drafts 136, 158
DST 50, 263

E

Earpiece volume 56, 97, 224
Entry modes 70
External devices 246
External light settings 218

F

Fixed dialling number 237
Flashlight 269
Formatting a memory card 192
Function list 289

G

General notes for handling 18
Glossary 299

GMT offset 50
GPRS 299
GSM 46, 299

H

Handsfree 94, 229, 279
Headset call 230
Home city 49, 263

I

Incoming display 200
Incoming external light 219
Incoming voice calls during data communication 223
Indicators

 Camera 106
 External display 36
 Main display 33
 Video call 94
 Video camera 107

Information prompt 38
Infrared 280
 Transferring data 280
International call service 227
Internet settings 245

K

Key guard 239
Keypad tone 210
 Keypad tone volume 209

L

Language 47, 214

Location settings 247

Locks

 Key guard 239
 Phone lock 236
 PIN1/PIN2 lock 41, 235

M

Mail list 145
Main menu 51
Main Specifications 298
Media player 175
Meeting, phone profiles 206
Memory card 44, 192, 285
 Displaying the memory status 193
 Formatting 192
 Inserting & removing 44

Memory manager 168

Message menu 136

Messaging 135

Missed calls 57

MMS 137

 Attachment 137

 Creating & sending 137

 Mail list 145

 Previewing MMS message 141

 Receiving & checking 142

 Settings 146

MMS/SMS common settings 154

Multi task 264

Multimedia volume 212

- Multiparty call 69
Muting 55, 98, 223
- N**
- Navigation key 5, 217
 - Shortcut settings 217
 - Network 241
 - Application settings 244
 - Notepad 261
 - Notification external light 218
 - Number memo 262
- O**
- Offline mode 220
 - One-touch calling 230
 - Open style 39
 - Open to answer 225
 - Operator name display 204
 - Owner information 92
- P**
- Parts & functions 30
 - Password
 - Call barring service code 52, 65
 - Centre access code 52
 - Security code 52, 235
 - Phone lock 236
 - Phone Profiles 206
 - Personalising 207
 - Resetting 213
 - Phonebook 75
 - Phonebook lock 91
- PIN1/PIN2 41, 234
 - Changing PIN codes 234
 - Setting PIN1 code request 234
- Placing an incoming call on hold 54
- Playlist 178
- Power saving 203
- PUK1/PUK2 41, 235
- Q**
- QR code 266
- R**
- Received calls 57
 - Received msgs. 136, 142, 151, 155
 - Reception restriction 233
 - Recording videos 105, 121
 - Rejecting incoming calls 231
 - Rejection list 231, 233
 - Restoring data 282, 284, 287
 - Retrieving network information 246
 - Ringtone 79, 208
 - Ringtone volume 79, 207
- S**
- Safety precautions 6
 - Screensaver 172
 - Secret mode 79, 240
 - Secret mode setting 240
 - Self-portrait style 39
 - Sent messages 136, 144, 152, 157
 - Server mail box 136, 145
 - Shortcut keys 32, 216
- Navigation keys 5, 31, 217
- Side shortcut keys 32, 216, 269
- Shortcut menu 215
- Silent, phone profiles 206
- SMS 149
 - Creating & sending 149
 - Receiving & checking 151
 - Settings 153
- Snooze (Alarm) 255
- Soft key 5
- Sound effect tones 211
 - Sound effect volume 210
- Speaker volume 97, 224
- Speed calling 86
- Stereo handsfree headset 222, 229
 - One-touch calling 230
- Storage capacity 297
- Streaming 181
- System mode 46, 243
- T**
- T9 dictionary 74
 - Taking pictures 105, 109
 - Templates 136, 140, 150
 - Text editing functions 72
 - Text entry modes 70
 - Multi tap mode 71
 - Numeric input mode 72
 - Symbol input mode 72
 - T9 mode 71

Touch tones 270
Trademarks and patents 24
Troubleshooting 295
Turning power on/off 45
Turnover style 39
TV display 108, 188, 189

U

UMTS 46, 243, 299
Unsent messages 136, 159
USB 283
 Cable 190, 283
 Transferring data 283
USIM card 40, 194
 Inserting & removing 40
USIM-appli 249

V

V-appli 169
 Downloading 171
 Resetting settings 173
 Settings 173
Vibration 79, 209
Video cable 189
Video call 94
 Appearance check 95, 103
 Auto answering 101
 Hold guidance 103
 Outgoing video 99, 101
 Picture quality 100
 Sending a picture 100

Switching between the earpiece & speaker 98
Switching cameras 98
Switching screen display 99
Zoom 99
Video camera 121
Video files 177
vObject 190
Vodafone live! 161
 Accessing Vodafone live! 161
 Vodafone live! Menu 161
Voice recorder 258
 During a call 56
 Recording 258
Voicemail 61

W

Wallpaper 199
WAP push message 152
Warranty 305
World clock 49, 201, 263

Warranty & After Sales Service

Warranty

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.

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.

After Sales Service

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 307).

Be sure to refer to "Troubleshooting" (page 295) 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 307).

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