

Thank you for purchasing SoftBank 301SH.

Read "Quick Tips" (in お願いとご注意 ) and this guide thoroughly beforehand for proper usage.

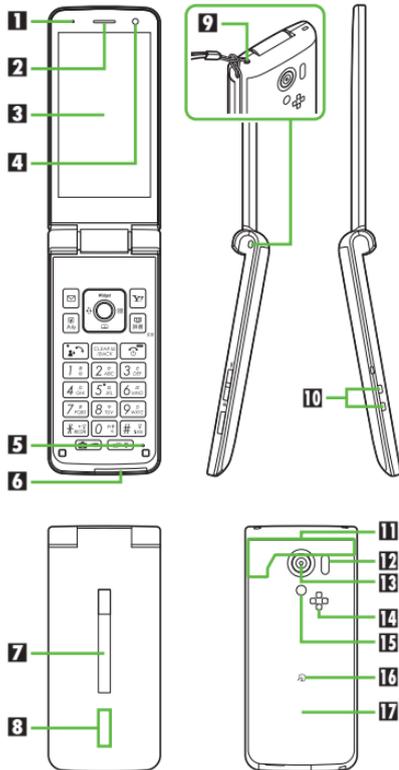
- Accessible services may be limited by contract conditions.
- SoftBank 301SH is compatible with 3G and GSM network technologies.
- Most operation descriptions are based on default settings<sup>\*</sup> with handset open (P.1-1) in Standby (P.1-6).
- Operations and results may differ by handset status.
- Sample screenshots, etc. are provided for reference only; actual handset windows, menus, etc. may differ in appearance.
- In this guide and on handset, "abroad" means "outside Japan" with regard to handset/service usage.

<sup>\*</sup>With the exception that Handset Code and Administrator Code are saved.

Guide Usage Notes .....	i
Table of Contents .....	ii
<b>1 Getting Started</b>	
Handset Parts .....	1-1
Battery & USIM Card .....	1-3
Charging Battery .....	1-5
Power On/Off .....	1-6
Display & Indicators .....	1-7
Sub-display .....	1-11
Touchscreen .....	1-12
Menu Operations .....	1-15
Menu List .....	1-17
Security Codes .....	1-19
Mobile Manners .....	1-21
My Details & Basic Settings .....	1-22
World Clock .....	1-23
Memory Card .....	1-24
<b>2 Universal Operations, Etc.</b>	
Text Entry .....	2-1
Fonts .....	2-6
Wallpaper .....	2-7
Sounds & Alerts .....	2-8
<b>3 Calling</b>	
Emergency Calls .....	3-1
Voice Calling .....	3-2
Video Calling .....	3-4
Optional Services .....	3-5
Phone Book .....	3-7
<b>4 Messaging</b>	
Customizing Handset Address ....	4-1

Sending Messages .....	4-2
Customizing Message Retrieval ...	4-5
Handling Messages .....	4-6
PC Mail .....	4-8
<b>5 Internet</b>	
Internet Services .....	5-1
Yahoo! Keitai .....	5-2
PC Site Browser .....	5-3
Browsing .....	5-4
<b>6 Connectivity &amp; File Backup</b>	
Infrared .....	6-1
Bluetooth® .....	6-5
PC Connection .....	6-9
Backup .....	6-10
<b>7 Camera</b>	
Using Camera .....	7-1
Photo Camera .....	7-5
Video Camera .....	7-15
Album .....	7-21
<b>8 Additional Functions</b>	
TV .....	8-1
Media Player .....	8-7
Mobile Widget .....	8-12
Standby Shortcuts .....	8-14
Icon View .....	8-15
<b>9 Customer Support</b>	
Customer Service .....	9-1
Software Updates .....	9-2
<b>10 Safety Precautions</b>	

## Parts & Functions

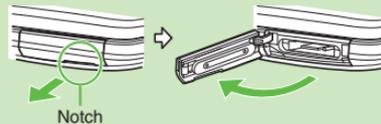


- 1** Pressure Vent
- 2** Earpiece
- 3** Display
- 4** Light Sensor
- 5** Mic
- 6** External Device Port
- 7** Sub-display
- 8** Notification Lamp
- 9** Strap Eyelet
- 10** Charging Terminals (for Desktop Holder)
- 11** Internal Antenna Area
- 12** Infrared Port
- 13** Camera (Lens Cover)
- 14** Speaker
- 15** Mobile Light
- 16** Logo
- 17** Battery Cover

- Do not cover or place stickers, etc. over Light Sensor or Internal Antenna area.
- Close External Device Port Cover (hereafter "Port Cover") after use.
- Avoid metal Straps; may affect signal reception.

### Opening Port Cover

- Pull at notch to open Port Cover.



### Handset Positions

#### Handset Closed

Keep handset closed when not in use.



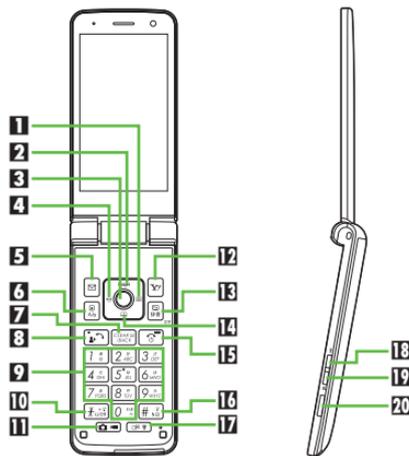
#### Handset Open

Open handset to place or answer calls, enter text, etc.



## Handset Keys

- Keys are indicated in this guide as shown.
- Change assigned functions indicated \* with Set Key Shortcut.

**1 Multi Selector (right)**

Open Icon View. Long Press to access last opened Icon View page\*.

**2 Multi Selector (up)**

Open Mobile Widget window. Long Press to open PC Site Browser menu\*.

**3 Center Key**

Open Main Menu. Long Press to activate/cancel Keypad Lock.

**4 Multi Selector (left)**

Open Call Log (All). Long Press to enable/disable Bluetooth®.

**5 Mail Key**

Open Messaging menu. Long Press to open SI Mail Composition window\*.

**6 Shortcuts & A/a Key**

Open Shortcuts.

**7 Clear/Back Key**

Play Answer Phone messages. Long Press to activate/cancel Answer Phone.

**8 Start & Rakutomo Link Key**

Open Rakutomo Link.

**9 Dialpad**

Enter numbers to place calls or access functions. Long Press to open Phone Book.

**10 \* Key**

Enter \*, +, P, ? and -.

**11 Camera Key**

Activate Camera.

**12 Yahoo! Keitai Key**

Open Yahoo! Keitai portal. Long Press to open Bookmarks list\*.

**13 TV & Dictionary Key**

Activate TV. Long Press to open Dictionary.

**14 Multi Selector (down)**

Open Phone Book. Long Press to open Exchange Profile\*.

**15 Power On/Off & End Key**

Long Press to power off.

**16 # Key**

Enter #. Long Press to activate/cancel Manner mode.

**17 Multi Job & Manner Key**

Select handset mode. Long Press to activate/cancel Manner mode.

## Side Keys

**18 Volume Up Key**

**Handset Closed:** Long Press to illuminate Mobile Light.

**19 Volume Down Key**

**Handset Open:** Show/Hide Softkeys. Long Press to enable/disable VeilView.

**20 Shutter Key**

**Handset Closed:** Toggle Clock view.  
**Handset Open:** Long Press to activate Video Camera.

## Multi Selector &amp; Side Keys

- In this guide, Multi Selector and Side Key operations are indicated as follows:

Press  or	
Press  or	
Press , ,  or	
Press  or	

## Battery & USIM Card Installation

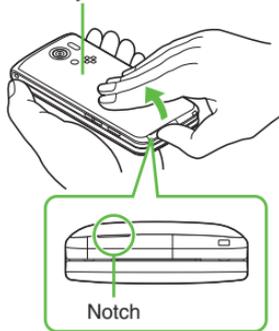
Do not apply excessive force to Battery or USIM Card.

### Inserting

USIM Card must be inserted to use handset.

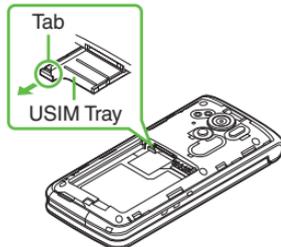
#### 1 Remove Battery Cover

Battery Cover

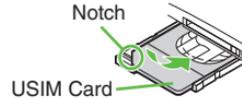


- Use notch to lift Battery Cover. Push up Battery Cover along edges to remove it.

#### 2 Use tab to pull out USIM Tray

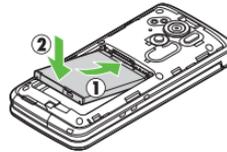


#### 3 Slide in USIM Card with metal contacts facing up



#### 4 Secure USIM Tray

#### 5 Insert Battery



- With logo side facing up, align Battery terminals with contacts.

#### 6 Replace Battery Cover



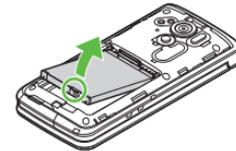
- If Battery Cover is not closed properly, debris may get trapped between gasket and base, or liquid/dust may enter.

### Removing

Always power off first.

#### 1 Remove Battery Cover

#### 2 Remove Battery



- Lift Battery as shown.

#### 3 Pull out USIM Tray

#### 4 Lift and slide out USIM Card

- Secure USIM Tray, insert Battery and replace Battery Cover.
- Take care not to lose removed USIM Card.

#### After USIM Card Removal (Contract Termination, Handset Upgrade/Replacement, Repairs, Etc.)

- Some files on handset and Memory Card may be inaccessible. Inserting another USIM Card may disable S! Appli and BookSurfing®.

## About Battery

- Charge Battery at least once every six months; uncharged Battery may die or affect files/settings.
- Depending on usage, bulges may appear near end of battery life; this does not affect safety.
- Replace Battery if operating time shortens noticeably.
- Clean Battery terminals and charging terminals with a dry cotton swab, etc.
- To maintain water/dust resistance, close Battery Cover properly. Debris trapped between gasket and base may allow ingress of liquid/dust.
- If Battery Cover is damaged, replace it with a new one. Use of damaged Battery Cover may allow ingress of water, causing electric shock, battery corrosion, etc.
- Battery is not water or dust proof.

### Lithium-ion Battery

- This product requires a lithium-ion battery. Lithium-ion batteries are recyclable.
  - To recycle a used lithium-ion battery, take it to any shop displaying the recycling symbol.
  - To avoid fire or electric shock, do not short-circuit or disassemble Battery.



Li-ion00



## About USIM Card

USIM Card is an IC card containing customer and authentication information, including handset number. Save contacts on USIM Card Phone Book to use them on other SoftBank handsets. Depending on USIM Card in use, some entry items may not be supported, and some limits (character entry, etc.) may be lower.

### Precautions

- Do not insert USIM Card into any other IC card device. SoftBank Mobile Corp. is not liable for resulting damages.
- Keep metal contacts clean; debris may cause malfunction. Clean with a soft dry cloth.
- Do not attach labels to USIM Card. Malfunction may result.

### Important

- USIM Card is the property of SoftBank Mobile Corp.
- USIM Card will be reissued for a fee if lost or damaged, etc.
- Return USIM Card to SoftBank Mobile Corp. upon contract termination.
- Returned USIM Cards are recycled.
- USIM Card specifications may change without prior notice.
- Keep a copy of information saved on USIM Card in a separate place. SoftBank Mobile Corp. is not liable for loss of information.
- If USIM Card or handset (with USIM Card inserted) is lost or stolen, suspend your service immediately. For details, contact SoftBank Customer Support, General Information (P.9-1).

## USIM PIN

**9999** by default; activate PIN Entry to restrict handset use.

### PIN Lock

- Entering incorrect PIN three consecutive times activates PIN Lock, limiting handset use.

### Canceling PIN Lock

- Contact SoftBank Customer Support, General Information (P.9-1) for your Personal Unblocking Key (PUK) and follow these steps:

Enter PUK ➡  ➡ Enter new PIN ➡  
 ➡ Re-enter new PIN ➡

- Do not forget PUK; write it down if necessary.

### PUK Lock

- Entering incorrect PUK ten consecutive times activates PUK Lock, disabling handset. For recovery, USIM Card must be reissued at a SoftBank Shop (fees apply).

## Charging Battery (Desktop Holder)

Battery must be inserted in handset to charge it.

### Charging Battery Outside Japan

- SoftBank Mobile Corp. is not liable for problems resulting from charging Battery abroad.

### Important AC Charger Usage Note

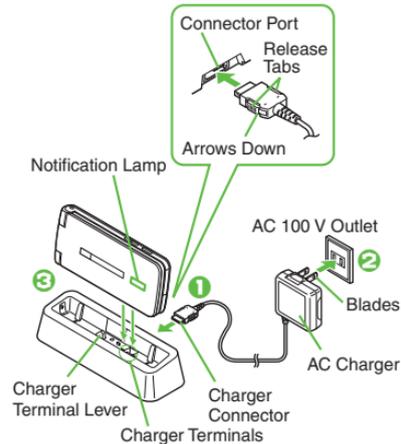
- Retract blades after charging. Do not pull, bend or twist cord.

### When Notification Lamp is Flashing

- Battery is unchargeable; may be defective or simply at the end of its life; replace it.

Use Desktop Holder with AC Charger ZTDAA1 (optional accessory).

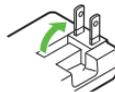
- In this guide, ZTDAA1 is referred to as "AC Charger."
- **AC Charger and Desktop Holder are not water or dust proof. Do not charge Battery while handset is wet.**
- Handset/AC Charger may become warm while charging.



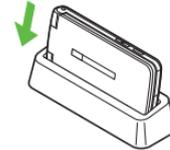
### 1 Insert Charger connector into Desktop Holder

- Insert Charger connector in the correct orientation until it clicks.

### 2 Extend blades and plug AC Charger into AC outlet



### 3 Place handset into Desktop Holder



- Push down handset until it clicks into place.
- Notification Lamp illuminates red while charging.
- Notification Lamp goes out when Battery is full.

### 4 Remove handset from Desktop Holder

### 5 Unplug AC Charger

### 6 Remove Charger connector from Desktop Holder

- Squeeze release tabs and pull straight out.

### Important Desktop Holder Usage Notes

- Do not subject to force/pressure.
- Do not attempt to open handset.
- Do not get Straps caught between handset and Desktop Holder.

## Power On/Off

### Power On

Described for initial power on.

#### 1 (Long Press)

- After Power On Graphics, water/dust proofing information appears; follow these steps:

 →  →  →  →  → **設定**  
 →  → **Language** →  → **English**  
 →  →  (Long Press) →   
 (Long Press) → Change Menu opens

#### 2 Select option →

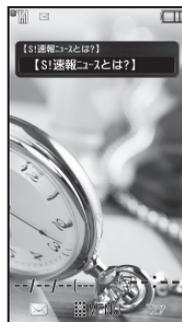
Guide descriptions are based on Standard Menu.

- After Change Menu guidance, My Details setup starts.

#### 3 Enter last name → → Enter first name →

- Change Menu display option appears.

#### 4 Yes or No →



Standby

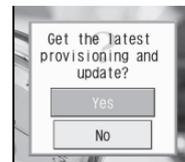
- Choose **No** to enter Standby immediately after powering on.

#### When USIM Card is Not Installed

- **Insert USIM Card** appears; handset is unusable.

### Retrieving Network Information

A prompt appears when , , ,  or  is Pressed for the first time.



To use Network-related services: (Clock will be set automatically.)

#### 1 Yes → → Retrieval starts

#### 2

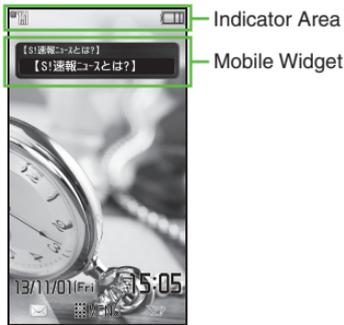
### Power Off

#### 1 (Long Press)

- After Power Off Graphics, handset shuts down.

# Display

## Standby

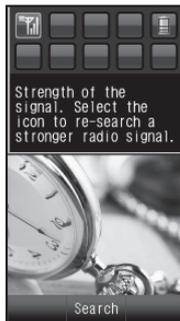


Hereafter, most screenshots omit Mobile Widgets and other icons.

## Indicator Descriptions

Check active indicators and their descriptions. (Status Icon List)

### 1 Tap indicator



- Active indicators are enlarged; description for selected indicator appears.
- After ❶, Touch & Hold other indicators to view their descriptions.
- After ❶, Tap indicator to access corresponding function (e.g., Battery Meter window from battery strength indicator); may be unavailable for some indicators.

## Information Window

Opens at the bottom for missed calls, new mail, etc.



Information Window

Information label (e.g., **Message**, etc.) and count appear. Select an item and Press to open it.

### Opening Information List Manually

Phone Information

### Clearing Information List

Phone Information   
 Yes

## Display Rotation

Motion Control sensor detects handset orientation. Display orientation changes with handset orientation in TV, Internet and some other functions.



Landscape Orientation

Portrait Orientation

## Softkeys

Function/operation labels appear at the bottom of Display; see key assignments below. Alternatively, Tap Touchscreen to execute the assigned function/operation.

### ■ Portrait Orientation



### ■ Landscape Orientation

Some key assignments may vary with window content.



## Display Saving

Display goes completely dark after set Display Saving time elapses. Press any key (except  during a call) to cancel Display Saving and reilluminate Display.

### Backlight

- Backlight turns off after Time Out time elapses. Press  -  to illuminate it (key press may affect active function).
- Display goes completely dark during a call. (Backlight does not turn off first.)

# Indicators

## Display Indicators

### Basic Status

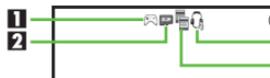


1		Within 3G Network
		Within GSM Network
2		Signal Strength <sup>1</sup>
3		Battery Strength <sup>2</sup>

<sup>1</sup>More bars indicate stronger signal.

<sup>2</sup>Flashes while charging; battery strength % (appears when Display activates, etc.) is an approximation.

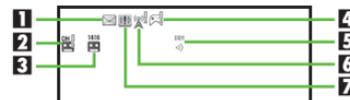
### Function Status



1		S! Appli Active*
		S! Appli Paused*
2		Music Playback
		TV Recording (handset)
3		TV Recording (Memory Card)
		Memory Card Inserted
4		Accessing Memory Card
		Reading Memory Card
5		Formatting Memory Card
		TV Timer/TV Recording Timer Set
3		Compass Indicator
4		Music Playback (using Bluetooth®)
5		Multiple Functions (Multi Job) Active

\*Appears gold for some S! Appli.

### Notifications



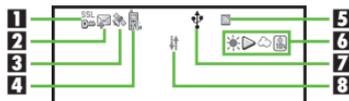
1		Unread Mail
		Unread Delivery Report
2		Answer Phone Active & Message Recorded
		Answer Phone Canceled & Message Recorded
3		New Voicemail
4		S! Appli Notification
5		Contents Key Received
6		Unread S! Information Channel Info
		Software Update Result
7		Unread S! Quick News Info
		Unread Urgent News

### Warnings



1		Mail Memory Low
2		Message Delivery Failure
3		Memory Card Unusable/Misinserted

■ Transmissions

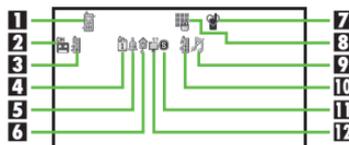


1		SSL Browsing <sup>1</sup>
		Packet Transmission Active
2		Receiving Mail
		Sending Mail
3		Positioning <sup>2</sup>
4		Updating Software
5		RSS-compatible Site
6		Weather Indicator
		USB Cable Connected
7		USB Transmission Active
		Infrared Transmission Active
		Infrared File Transfer
		Bluetooth® Active
		Bluetooth® Transmission Active
		Bluetooth® Transmission Active (for multiple connections)
		Bluetooth® Talk Active
8		IC Transmission Active
		S! Addressbook Back-up Transmission Active
		PC Site Browser in Use
8		Infrared Active

<sup>1</sup>Hidden while Mobile Widget is in use.

<sup>2</sup>Flashes while sending location information.

■ Settings



1		Offline Mode
2		Answer Phone Active
3		Call Forwarding or Voicemail Active (forwarding condition: <b>Always</b> ) <sup>*</sup>
4		Calendar/Task (Alarm Set)
		Calendar/Task (Alarm Unset)
5		Alarm Set
6		Hour Minder Active
7		Manner Mode
		Drive Mode
7		Original Mode
		VeilView Active
8		Keypad Lock Active
		IC Card Lock Active
9		Ringtone (Silent)
		Ringtone (Increasing Volume)
		Vibration for Incoming Voice/Video Calls Active

10		Auto Answer or Remote Monitor Active
11		Show Secret Data Active
		Function Lock (Once) Active
12		Wakeup TV Set

<sup>\*</sup>Indicator does not appear when Call Forwarding is set to Video Calls only, with Voicemail unset.

## Sub-display

View date/time and the following indicators with handset closed.

### Activating Sub-display



- Press  to toggle view.

### Indicators

#### Basic Status



1	Signal Strength <sup>1</sup>
2	Battery Strength <sup>2</sup>

<sup>1</sup>More bars indicate stronger signal.

<sup>2</sup>Flashes while charging.

#### Notifications

	Missed Call
	Answer Phone Message Recorded
	Missed Call Notification
	New Voicemail
	Unread Mail
	Unread Delivery Report
	Contents Key Received
	Unread S! Information Channel info
	Weather Indicator Update
	Location Information Request
	Pedometer Target Achieved
	S! Appli Notification
	Auto Backup Complete
	Auto Backup Canceled
	Unread Urgent News

#### Warnings

	Message Delivery Failure
	S! Information Channel Info Reception Failure
	Weather Indicator Update Failure
	Auto Backup Failure

#### Handset Status

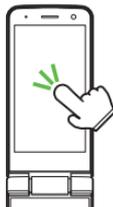
	Alarm
	Calendar Alarm
	Task Alarm
	TV Alarm (Watch)
	TV Alarm (Record)

## Using Touchscreen

Touch Display to select menu items, open functions, scroll pages, etc.

### Basic Operations

#### Tap



Tap item or key to open or execute corresponding function/operation.

#### Double Tap

Tap Display twice in rapid succession (within approximately 0.6 seconds).

#### Touch & Hold



Touch item for 1+ seconds to move icon, open menu, etc.

#### Drag



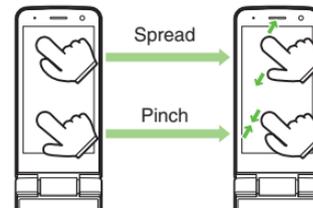
Drag to move item or scribble/sketch.

#### Flick



Flick to scroll.

#### Pinch & Spread



Pinch or Spread to zoom in or out on images, etc.

## Important Touchscreen Usage Notes

- Touchscreen may not respond in these situations:
  - Use with gloves/long fingernails
  - Use of pens, pencils or sharp objects
  - Use with objects on/against Display
  - When Display is wet
- To prevent malfunctions, do not:
  - Touch Display with wet fingers
  - Use if Display is wet
  - Subject Display to force/pressure
  - Place labels or stickers over Display
- Calibrate Touchscreen (P.1-14) to improve response.

## Usage Examples

### Selection & Execution

Tap item to open or execute corresponding function/operation.



Tap **Data Folder**

- The result is the same as selecting an item with  and Pressing .

### Two Taps

When Tapping item only selects (highlights) it, Tap the item again to execute function/operation.



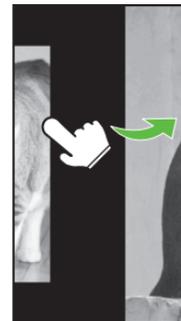
Tap **Music** twice



Music folder opens

## Screen Scroll

For hidden items, Flick/Drag in opposite direction.



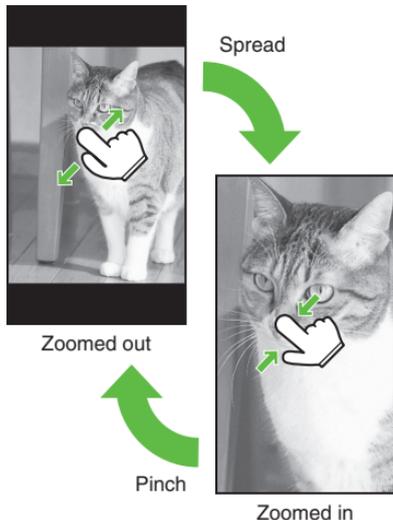
Flick right



Left portion appears

### Zoom In & Zoom Out

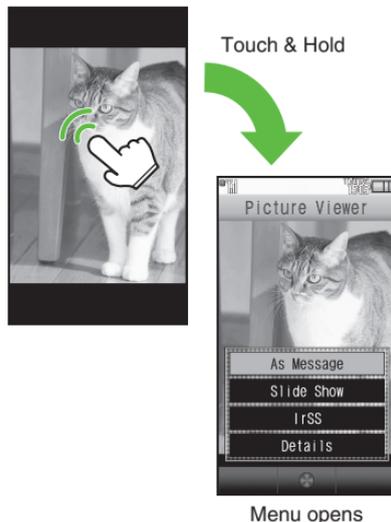
Pinch or Spread to zoom in or out on images, etc.



- Double-Tapping images, etc. may also zoom in/out them.
- In Internet page or before saving captured photo, Touch & Hold area/portion to zoom it in.

### Open Menus

Touch & Hold Display to open menu.

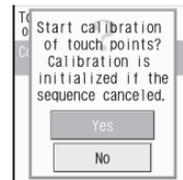


Menu opens

### Calibrating Touchscreen

Calibrate Touchscreen to improve response. Hold handset normally during calibration.

- 1  → **Settings** →  →  **Phone/**
- 2 **Touch Panel** →
- 3 **Correct Touch Panel** →



- 4 **Yes** → 
  - Follow onscreen instructions.

#### Undo Calibration

- If calibration does not improve response, restore default setting as follows:

After 4,  **CLEAR**

# Main Menu

## Opening Main Menu



■ Touchscreen

■ Handset Key

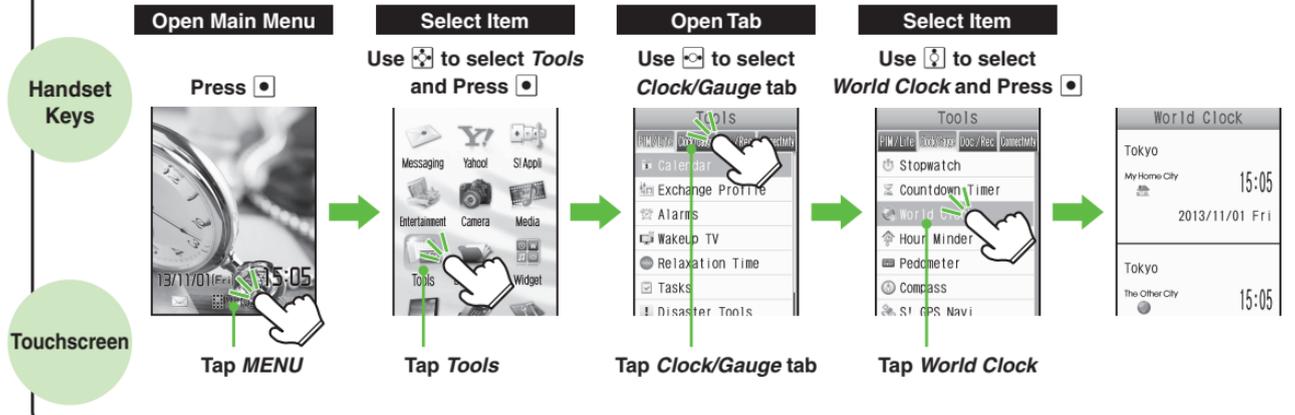
### Menu Layout



### Main Menu Items

<b>Messaging</b>	Open/create messages, etc.
<b>Yahoo!</b>	Access the Internet.
<b>S! Appli</b>	Use S! Appli including games.
<b>Entertainment</b>	Read e-Books, receive news updates, etc.
<b>Camera</b>	Shoot photos or videos.
<b>Media</b>	Play/download media files.
<b>Tools</b>	Manage schedules, set Alarm, etc.
<b>Data Folder</b>	Open files saved to handset/Memory Card.
<b>Widget</b>	Use Mobile Widgets.
<b>TV</b>	Watch/record TV programs.
<b>Phone</b>	Add/search contacts, etc.
<b>Settings</b>	Customize handset interface, sounds, etc.

**Menu Navigation** To open *World Clock* using handset keys or Touchscreen:



**Escape/Return** Example: After opening *World Clock*

**Go Back**

Press



**Return to Standby**

Press



**Using Touchscreen**

- If available, Tap corresponding Softkey (**CLEAR/BACK**, **END**, etc.) to escape function or return to previous window.

# Menu List

## Messaging

Received Msg.
Create Message
Retrieve New Msg.
Drafts
Templates
Sent Messages
Unsent Messages
Chat Folder
Server Mail Box
Create New SMS
Settings
Memory Status

## Yahoo!

Yahoo! Keitai
Menu List
Bookmarks
Saved Pages
Web Search
Enter URL
History
PC Site Browser
Browser Settings

## S! Appli

S! Appli Library
Osaifu-Keitai
Settings
Information

## Entertainment

S! Information Channel/Weather
S! Quick News
Blog Tool
BookSurfing
e-Book Viewer

## Camera

Easy Auto Camera
Pro Auto Camera
Quick Camera
Rapid Shooting Camera
Best Select Photo
Fish-eye Camera
Miniaturize Camera
HD Video Camera
Pro Auto Video Camera
Album
Scan Receipt
Barcode Reader
Scan Card
Kanji/English Grabber
Review

## Set Camera Key

## Media

Music
Videos
MTP Mode

## Tools

## ■ PIM/Life

Calendar
Exchange Profile
Alarms
Wakeup TV
Relaxation Time
Tasks
Disaster Tools
Household Accounts
Calculator
Expenses Memo
Osaifu-Keitai
Simulated Call

## ■ Clock/Gauge

Stopwatch
Countdown Timer
World Clock
Hour Minder
Pedometer
Compass
SI GPS Navi
Battery Meter

## ■ Doc./Rec.

Dictionary
Search
Notepad
Scratch Pad
ASCII Art
Voice Recorder
Barcode/Scan
Phone Help

## ■ Connectivity

Bluetooth
Infrared
IC Transmission
USB Mode
USB Charge
Memory Card
Backup/Restore

**Data Folder**

Pictures
DCIM
Ring Songs-Tones
S! Appli
Widget
Music
Videos
Lifestyle-Appli
Books
Customized Screen
Flash®
Other Documents
Memory Status

**Widget**

Widget Contents
Settings

**TV**

TV
TV Player
TV-Image Folder
TV Link
Reservation List
Recorder Contents
Settings

**Phone**

Phone Book
Add New Entry
Information
Call Log
Play Messages
Play Voicemail
S! Addressbook Back-up
My Details
Set Category
Mail Groups
Rakutomo Link
Speed Dial/Mail
Touch-Tone Signal List
Settings/Manage

**Settings****■ Sound/Display**

Mode Settings
Display
Customized Screen
Sounds & Alerts
Date & Time
言語選択 (Language)
Ringer Output
Earpiece Volume
Change Menu

**■ Phone/☎**

User Dictionary
Set Key Shortcut
Motion Control
Touch Panel
Set Key Light
Memory Card
Backup/Restore
Locks
Software Update
Master Reset

**■ Call**

Call Time/Data Counter
Answer Phone
Voicemail/Call Forwarding
Video Call
Caller ID
<input type="checkbox"/> Missed Calls
Int'l Calling
Call Barring
Auto Answer
Call Waiting

**■ Network**

Select Network
Select Service
Re-search Signal
Offline Mode
Retrieve NW Info
Network Info
External Device
Technical Regulations
Conformity Certification

## Security Codes

These codes are required for handset use. (Save Handset Code and Administrator Code beforehand.)

- Guide descriptions are given assuming that Handset Code and Administrator Code are saved.
- Do not forget Security Codes.
- Do not reveal Security Codes. SoftBank Mobile Corp. is not liable for misuse or damages.

<b>Handset Code*</b>	Use or change some functions.
<b>Administrator Code*</b>	Required for Reset Settings, Reset All, etc.
<b>Center Access Code (Network Password)</b>	Four-digit code in contract; change contract details, access Optional Services from landlines, or set Call Barring.

\*Save/change on handset.

### If Security Code is Unsaved

- Code setup message/window opens whenever Security Code is required.
- Incorrect Code Entry**
- Message appears for incorrect code entries; retry.
  - Call Barring settings will be locked if incorrect Center Access Code (Network Password) is entered three times consecutively when making a setting. To unlock, the code must be changed.
    - If Network Password has been previously changed on a mobile phone, enter the latest code to set Call Barring.

### Saving Handset Code

Enter four to eight digits.

1 ➔ **Settings** ➔ ➔

2 **Locks** ➔



Locks Menu

3 **Handset Code Settings** ➔

4 **Save Handset Code** ➔

5 **Enter Handset Code** ➔

6 **Re-enter Handset Code** ➔

### Changing Handset Code

After 4, enter current Handset Code ➔

➔ **Enter new Handset Code** ➔

➔ **Re-enter new Handset Code** ➔

**Saving Administrator Code**

Enter four to eight digits.

- 1 In Locks menu, **Administrator Setting** ➔
- 2 **Register Administrator Code** ➔
- 3 **Enter Administrator Code** ➔
- 4 **Re-enter Administrator Code** ➔

**Changing Administrator Code**

After 2, enter current Administrator Code

- ➔  ➔ Enter new Administrator Code
- ➔  ➔ Re-enter new Administrator Code
- ➔

**Need/UnNeed Setting**

For enhanced security, set Need/UnNeed Setting to **Need**; then Handset Code will be required to delete all files/entries, etc.

- 1 In Locks menu, **Handset Code Settings** ➔
- 2 **Need/UnNeed Setting** ➔
- 3 **Need** ➔  ➔ Enter Handset Code ➔

## Mobile Manners

Please use your handset responsibly. Take care not to disturb others when using your handset.

- Keep handset off in theaters, museums and other places where silence is the norm.
- Refrain from use in restaurants, hotel lobbies, elevators, etc.
- Observe signs and instructions regarding handset use aboard trains, buses, etc.
- Refrain from use that interrupts the flow of pedestrian or vehicle traffic.

### Manner Mode

Mutes most handset function sounds.

#### 1 (Long Press)



- Manner mode activates.

### When Manner Mode is Active

- Ringtones and other sounds are muted.
- Handset vibrates for incoming transmissions, etc.
- Shutter click and Urgent News alert tones still sound at fixed volume.
- To unmute Speaker temporarily while playing music, etc.:

During playback,  ➔  ➔ Yes or No ➔  ➔ Adjust Volume

### Canceling Manner Mode

 (Long Press)

### Offline Mode

Suspend signal transmission and reception. Handset will be unable to place/receive calls, send/receive messages, access the Internet, etc.

1  ➔ Settings ➔  ➔   
Network

2 Offline Mode ➔ 

3 On ➔ 

- Offline Mode activates.

### Canceling Offline Mode

In , Off ➔ 

## My Details & Basic Settings

### Handset Number & Address

1  →  →



- Handset number, mail address (unsaved by default) and the name entered at initial setup appear.

### Editing My Details

After 1,  (select tab) → Select item →  → Select item →  → Edit →

### Date & Time

1  → **Settings** →  → In Sound/Display menu, **Date & Time** →

2 **Set Date/Time** →

3 **Enter the year** → **Enter the month** → **Enter the day** → **Enter the time** →

- If confirmation appears, choose **Yes** and Press .

### Language

1  → **Settings** →  → In Sound/Display menu, **Language** or **言語選択** →

2 **English** or **日本語** →

## Using World Clock

### Auto World Clock

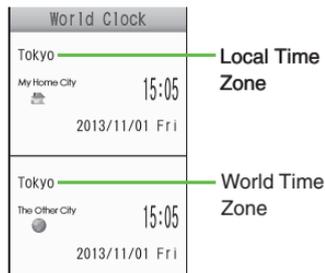
Powering on outside Japan automatically sets World Clock; the local time for your current location appears in Standby. Powering on after arriving back to Japan restores original Clock setting and Clock view.

### Disabling Auto World Clock

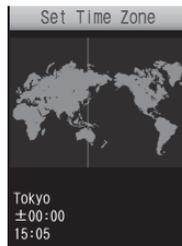
- 1  → **Settings** →  → In **Sound/Display** menu, **Date & Time** → 
- 2 **Auto World Clock** → 
- 3 **Disabled** → 

### Setting World Clock Manually

- 1  → **Tools** →  →   
**Clock/Gauge** → **World Clock**  
→ 



- 2 



Set Time Zone Window

- 3  **Select city** → 

- 4  → **Standby** returns

### Advancing One Hour (Daylight Saving)

[Set Time Zone Window] 

- To cancel, Press .

### Adding Custom Time Zone

[Set Time Zone Window]  → Enter city name →  →  + or - →  → Enter time difference → 

### Showing World Clock in Standby Manually

- 1  → **Settings** →  → In **Sound/Display** menu, **Display** → 
- 2 **Standby Display** → 
- 3 **Clock/Calendar** → 
- 4 **World Clock (L), etc.** → 
- 5  → **Standby** returns

## Using Memory Card

### About Memory Card

Use microSD/microSDHC Memory Card to save and organize files for use on handset.

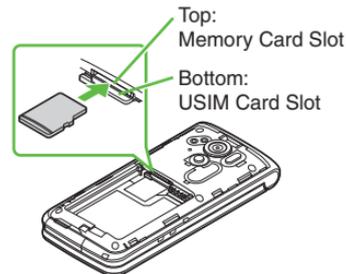
- Use recommended Memory Cards only. For details, contact SoftBank Customer Support, General Information (P.9-1).
- **If Memory Card is inserted, captured photos, downloads and other files are saved to Memory Card. (My Pictograms and Graphic Mail templates are saved to handset.)**

### Memory Card Cautions

- Do not force Memory Card into or out of handset.
- Keep Memory Card out of infants' reach; may cause choking if swallowed.
- Do not touch terminals or expose them to metal objects.
- SoftBank Mobile Corp. is not liable for any damages resulting from accidental loss/alteration of information. Keep a copy of contacts, etc. in a separate place.
- Never power off or remove Battery while files are being accessed.
- Be careful not to erase or overwrite files accidentally.

### Memory Card Slot Location

Memory Card Slot is located above USIM Card Slot. Do not insert Memory Card into USIM Card Slot.

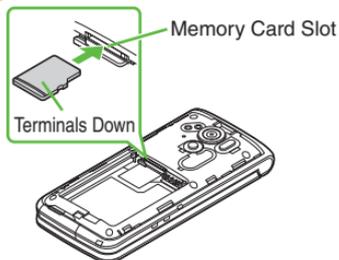


## Inserting & Removing

Always power off first.

### 1 Remove Battery (P.1-3)

### 2 Insert Memory Card



- Insert Memory Card (terminals facing down) all the way until it clicks.
- Do not insert other objects.

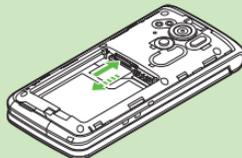
### 3 Insert Battery, then replace Battery Cover (P.1-3)

#### If Appears after Power On

- Memory Card may not be inserted properly; reinsert it.

#### Removing Memory Card

- Gently push in Memory Card and release it; Memory Card pops out. Carefully remove Memory Card without bending it.



## Formatting Memory Card

When using a new Memory Card for the first time, format it on handset before trying to save files, etc. Formatting deletes all Memory Card files.

1  ➔ **Settings** ➔  ➔   
**Phone/** ➔ **Memory Card**  
 ➔ 

2 **Format Card** ➔  ➔ **Yes**  
 ➔ 

- Offline Mode activates; signal transmission and reception are suspended until formatting is complete.

3 **Yes** ➔   
 • To cancel, choose **No** and Press .

#### Precaution

- Never power off or remove Battery while formatting; may damage Memory Card or handset.

## Text Entry

Use handset keys to enter text. Unless noted otherwise, text entry descriptions are for text entry windows.



Text Entry Window (Message Text)

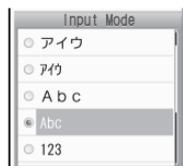
### Opening Help



### Note

- Pressing repeatedly may not close text entry windows.

### Switching Entry Modes



- Available entry modes appear.



- Entry mode indicators:

	Kanji (Hiragana)
	Double/Single-byte Katakana
	Double-byte Alphanumerics (upper/lower case)
	Single-byte Alphanumerics (upper/lower case)
	Single-byte Number
	Character Code

\* appears when Predictive is active.

### Text Entry Basics

Use Dialpad to enter characters. Multiple characters are assigned to each key. Press a key to toggle character options for that key.

**Example: In Double-byte Katakana mode, Press three times.**



- Press to reverse-toggle options. To enter characters assigned to the same key, Press first.

**Example: In Single-byte Alphanumerics mode, enter no.**



- Long Press a key to confirm the current character and advance cursor.



# Entering Characters

## Hiragana

Enter **すずき** in Kanji (Hiragana) mode.

- 1 **3** (su) **3** (zu) **3** (ki) (す) **3** (su) **3** (zu) **3** (ki) (ず) **2** (su) **2** (zu) (ぎ)



- 2 **Confirm**

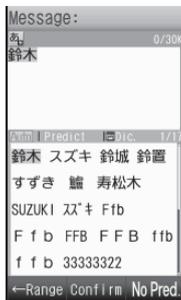
## Kanji

Convert **すずき** to **鈴木**.

- 1 **Enter すずき**

- Word suggestions change as hiragana are entered. (Predictive)
- Long Press **3** to toggle suggestion mode between Standard, Literary, Spoken and Automatic. (Personal Mode)

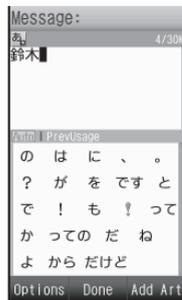
- 2 **Confirm**



- 3 **鈴木**

- To exit suggestion list, Press **Confirm**.

- 4 **Confirm**



- Words likely to follow the entry appear. (Previous Usage)

### When Target Word is Not Listed

- Press **3** or **3** to segment hiragana to convert separately.
  - Press **3** to toggle Predictive and Non-Predictive suggestions.

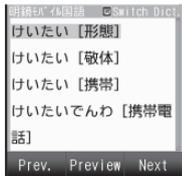
### Deleting Words/Phrases from Entry Log

Enter hiragana **3** **Select word/phrase** **3** (Long Press) **Yes** **Confirm**

## Entering from Dictionaries

Enter text by referring to word definitions, translations, etc.

### 1 Enter hiragana ➔ Before confirming entry,



- Press  to toggle dictionaries.

### 2 Select word, etc. ➔

- Definition/translation appears.

### 3

## One-Hiragana Conversion

Enter the first hiragana for a suggestion list from previously selected words.

Example: **ずずき** was previously converted to **鈴木**.

### 1 (ず) ➔

### 2 Select word/phrase ➔

## Correction Conversion

After mistyping hiragana assigned to the same key (e.g., **い** instead of **う**), enter intended word/phrase from suggestion list without retyping.

Available when three or more hiragana are typed.

### 1 Enter hiragana ➔ Before selecting word/phrase,

- Corrected word suggestions appear.

### 2 Select word/phrase ➔

## Katakana

Switch to Double-byte Katakana mode and enter **ジュン**.

### 1 ➔ アイウ ➔

### 2 (ジ) ➔ (ジ) ➔

### (ユ) ➔ (ユ) ➔

### (ン) ➔



## Pictograms & Symbols

- May be unavailable depending on entry mode.
- Immediately after confirming a descriptive word such as **嬉しい** or **悲しい**, corresponding pictograms may appear in suggestion list. (PictogramWordLink)

### 1

- Entry window for pictograms and symbols opens. (Log appears if pictogram/symbol has been used.)

### 2 (toggle tabs) ➔ or (toggle lists)



- While entering message text, Press  in pictogram list to toggle cross-carrier pictograms and all pictograms. Alternatively, Press  to switch to My Pictogram or symbol list.

### 3 Select pictogram or symbol ➔

- Pictograms are double-byte even in single-byte entry modes.

### 4 ➔ List closes

## Emoticons

1  ➔ **Emoticons** ➔ 

2 **Select emoticon** ➔ 

## Alternative Emoticon Entry Method

- In Kanji (Hiragana) mode, enter **かお** or a descriptive word such as **わーい** or **うーん**, then convert the entry.

## Mail &amp; Web Extensions

Enter **.co.jp**, **http://**, etc., easily.

1  ➔ **Quick Addr. List** ➔ 

2 **Select extension** ➔ 

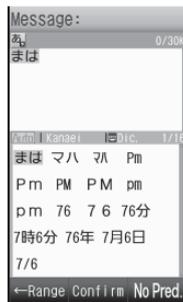
- Extensions are single-byte even in double-byte entry modes.

Hiragana to Katakana/  
Alphanumeric Conversion

Enter katakana or alphanumerics in Kanji (Hiragana) mode using key inscriptions.

Example: Enter **PM**

1    ➔ 



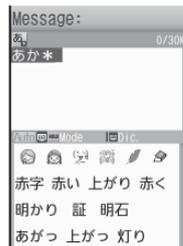
2 **Select word/phrase (PM)**  
➔ 

## Using Wildcard Characters

To improve word suggestions in Kanji (Hiragana) mode, or Single-byte Alphanumerics mode, add **\***s, or **\*s** (wildcard characters) respectively, to entries. Use **\*** or **\*s** to specify the character count: For example, enter **あか\*\*** for a list of words/phrases of four or more characters starting with **あか** or **あが**; enter **so\*\*** for a list of case-insensitive words/phrases that start with **so**.

Example: Kanji (Hiragana) mode

1 **Enter hiragana** ➔  ➔ 



- **\*** appears; to enter another **\***, Press  again.

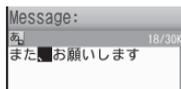
2  ➔ **Select word/phrase**  
➔ 

## Editing Characters

### Deleting & Editing

Correct **また、お願いします** to **また明日  
お願いします**.

#### 1 Select character



#### 2 CLEAR BACK



- Highlighted character is deleted.

#### 3 Select target location → Enter characters



### Recovering Deleted Characters

- Press to recover characters deleted with .

### Deleting All Characters

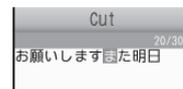
- Long Press at text end. To delete characters on and after cursor, select the first character of text and Long Press .

### Jumping to the End or Top of Text

- **Cursor Position** → → **Jump to End or Jump to Top** →

### Copy/Cut & Paste

#### 1 → **Cut or Copy** → → Select first character →



Cut

- To cancel and start over, Press .

#### 2 Highlight text range →

#### 3 (Long Press)



- Text is entered.

### Pasting Previously Cut/Copied Text

- Select target location → → **Paste**  
→ → **Select text** →

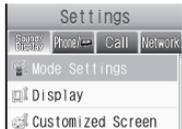
- Available when Paste List appears.

# Customizing Fonts

## Enlarging All Fonts

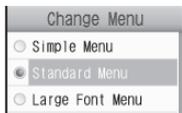
Enlarge fonts for menus, text entry, etc.

- 1  → **Settings** →



Sound/Display Menu

- 2 In Sound/Display menu, **Change Menu** →



- 3 **Large Font Menu** →

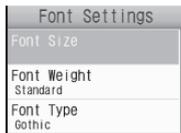
Switching Back to Standard Menu  
After 2, **Standard Menu** →

## Resizing Specific Fonts

- 1 In Sound/Display menu, **Display** →



- 2 **Font Settings** →



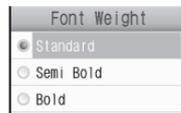
Font Settings Menu

- 3 **Font Size** →  → **Select item** →

- 4 **Select size** →

## Changing Font Weight

- 1 In Font Settings menu, **Font Weight** →



- 2 **Select weight** →

## Using Mincho Font

- 1 In Font Settings menu, **Font Type** →



- 2 **Ming-cho** →

## Wallpaper

1 → **Settings** → → In **Sound/Display** menu, **Display** →

2 **Wallpaper** →



Wallpaper Menu

3 **Select folder** →

4 **Select file** →

- Some files may not be usable.
- Omit 5 when **Preset Pictures** or **Customized Screen** is selected in 3.
- Use to zoom in/out or Press to rotate.

5

### Selecting Images Smaller or Larger than Display

After 4, select option → →

- For **Centered**, use to zoom in/out or Press to rotate.

### Downloading Images from the Internet

In 3, **Download Pictures** →

- Read terms of service and then follow onscreen instructions.

### Selecting Images with Limited Usage Period

- Confirmation appears. Follow these steps:

**Yes** → →

### Selecting Chara Time Files

In 3, **Chara Time** → → **Select file**

→ → →

## Slideshow Wallpaper

Set slideshow to appear in Standby. Some folders/files may not be supported.

1 In **Wallpaper** menu, **Slide Wallpaper** →

2 **Folder Setting** →

3 **Pictures or DCIM** →

4 **Select subfolder** → → **Set this folder** →

- Omit steps for subfolder if none is applicable.

### If There is No Image in Set Folder

- Preset images appear.

### Using Preset Images

In 3, **Preset Pictures** →

### Selecting Pattern

In 2, **Pattern Setting** → → **Select pattern** →

- To check patterns, select one and Press .

## Customizing Handset Responses

### Ringtones

Use preset sounds or media files saved in Data Folder, etc.

- 1 **Settings** → **Sound/Display menu, Sounds & Alerts**



Sounds & Alerts Menu

- 2 **Ringtone/videos**
- 3 **Select item**
  - For **For New Message**, etc., select **Assign Tone** and Press
- 4 **Select folder**
- 5 **Select tone/file**
  - Some files may not be usable.

### Changing Ringtone Duration

After **Duration** → **Enter time**

### Playing Video for Incoming Transmissions

In **Videos** → **Switch**

### If Portion of File Content is Specifiable

- After **Start point selection window** opens. Follow these steps:

**Select start point**

### Selecting Files with Limited Usage Period

- Confirmation appears. Choose **Yes** and Press **OK** to proceed.

### Machi-Uta® Service Registration (Japanese)

Use Machi-Uta® to play music instead of the standard ringback tone for the other party. Machi-Uta® requires a separate contract and basic monthly fee.

- 1 In **Sounds & Alerts menu, Machi-Uta**
- 2 **Register/Cancel**
  - Follow onscreen instructions.

### Vibration

- 1 In **Sounds & Alerts menu, Vibration**
- 2 **Select item** → **Switch On/Off**
- 3 **On**
- 4 **Vibration Pattern**
  - To check vibration patterns, select one and Press **OK**.
- 5 **Select pattern**

### Vibration Caution

- When handset is placed on a desk, etc. with Vibration active, it may fall off upon receiving calls/messages; disable Vibration when charging Battery.

### Emergency Calls

Using SoftBank 3G handset for emergency calls (110, 119 or 118) automatically reports handset location to corresponding agency (police, etc.).

- Location Report does not incur registration/transmission fees.
- Location/signal conditions affect positioning accuracy. Always provide location and call purpose.
- Hiding Caller ID (using 184, etc.) cancels Location Report. However, corresponding agency may obtain location information in life threatening situations.
- Location Report is not sent for calls made while outside Japan.

#### Handset Restrictions & Emergency Calls

Emergency calls are possible even while some handset restrictions are active.

Active Restriction	Emergency Calls
Function Lock (in Locks)	Possible
Bar Outgoing Calls (in Call Barring)	
Offline Mode	Restricted
Keypad Lock	
PIN Entry (in Locks)	

## Voice Calling

### Answering Voice Calls

Incoming Call window opens for a call.



Incoming Voice Call Window

#### 1 to accept the call

- Call connects.

#### 2 ➔ Call ends

#### Muting Ringer Temporarily

When a call arrives, 

#### Earpiece Volume

During a call,  or 

#### After Calls from Unsaved Numbers

- Save to Phone Book confirmation appears. Select **New Entry** or **New Detail** and Press  to save number; new entry window or contact search window opens, respectively.

### Placing Voice Calls

#### 1 Enter number with area code

- To correct entry, use  to place cursor under the digit and Press . To delete the digits above and after the cursor, Long Press .

#### 2

- Wait for receiver to accept the call.



#### 3 ➔ Call ends

### Placing International Calls

#### 1 Enter number with area code ➔

#### 2 Int'l Call ➔

#### 3 Select country ➔ ➔

- Handset dials the number.

#### 4 ➔ Call ends

#### Calling Unlisted Countries

In , Enter Code ➔  ➔ Enter country code ➔ 

## Calling from Outside Japan

See below to place a call to Japan from abroad. Apply for Global Roaming beforehand. See SoftBank Mobile Website for details:  
[http://mb.softbank.jp/en/global\\_services/](http://mb.softbank.jp/en/global_services/)  
 Access roaming area/rate information or print it out to carry while traveling abroad.

**1 Enter number with area code** ➡  ➡ *Int'l Call* ➡ 

**2 日本(JPN)** ➡  ➡ 

- Handset dials the number.
- To call other countries, select the target country instead of *日本(JPN)*.

**3**  ➡ **Call ends**

### Calling SoftBank Handsets

- In , always select *日本(JPN)*.

### Calling Landlines & Mobiles within the Same Country

Enter number with area code ➡ 

➡ *Dial to Your Stay* ➡ 

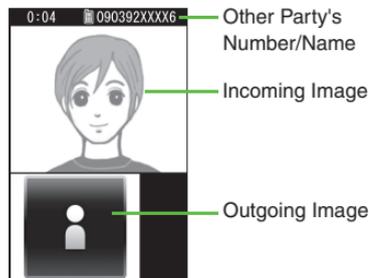
### Calls Overseas

- Calling may not be possible outside Japan. Connections depend on available network, signal strength, and handset settings.

## Video Calling

View the other party's image or send an Outgoing Image to compatible handsets. Handle Video Calls like Voice Calls. This page describes functions/operations unique to Video Call.

### Video Call Window Layout



### Video Call Cautions

- If both parties are using handset models without internal cameras, Video Call cannot be used as intended.
- If both parties are not using the same Video Call system, call may be interrupted. (Video Call charges apply.)
- Video Calls cannot be placed while TV is active.

### Answering Video Calls

Incoming Call window opens for a call.



Incoming Video Call Window

- 1 **to accept the call**
  - Alternative Image is sent. (Video Call charges apply to the caller.)
- 2 **Call ends**

### Answering with Camera Image

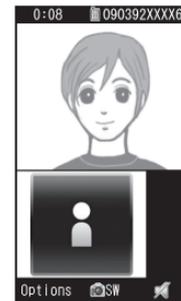
[Incoming Video Call Window]   
No

### Engaged Video Call Operations

Toggle View	
Toggle Outgoing Image	
Open Help	

### Placing Video Calls

- 1 Enter number
- 2 Video Call



- Image appears when call is accepted.

- 3 **Call ends**

## Optional Services

Call Forwarding and Voicemail can only be set simultaneously when Call Forwarding is set to Video Calls.

<b>Call Forwarding</b>	Divert all/unanswered calls to a preset number.
<b>Voicemail</b>	Divert all/unanswered calls to Voicemail Center; access messages via handset/touchtone phones.
<b>Call Waiting</b> *	Answer calls during a call.
<b>Group Calling</b> *	Switch between open lines/connect multiple lines.
<b>Caller ID</b>	Show or hide your number when placing calls.
<b>Call Barring</b>	Restrict incoming/outgoing calls by conditions.

\*Requires separate subscription

### Call Forwarding

Divert calls to a number saved in Phone Book after selected ring time (**No Answer** set).

Numbers starting with **1, 00, 0120** or **0990** cannot be saved.

**1**  ➔ **Settings** ➔  ➔  ➔ **Call**

**2**  ➔ **Voicemail/Call Forwarding** ➔



Voicemail Menu

**3** **Diverts** ➔

**4** **Select call type** ➔

**5** **No Answer** ➔

**6** **Phone Book** ➔  ➔ **Select contact** ➔

**7** **Select number** ➔

• Omit **7** if only one number is saved.

**8**

**9** **Select ring time** ➔

**Diverting Calls without Handset Response**

In **6**, **Always** ➔  ➔ **6** - **6**

**Entering Forwarding Number Directly**

In **6**, **Enter Number** ➔  ➔ **Enter**

**number** ➔  ➔ **Select ring time** ➔

## Voicemail

Divert calls to Voicemail Center after selected ring time (**No Answer** set).

- 1 In Voicemail menu, **Voicemail** →  → **Activate** →
- 2 **No Answer** →  → **Select ring time** →

Diverting Calls without Handset Response  
In , **Always** →

## Missed Call Notification

Activate this function for records of calls missed when handset is off/out-of-range and Voicemail is active.

- 1  → **Settings** →  →  → **Call**
- 2  **Missed Calls** →  → 
  - Follow voice guidance.

## Playing Messages from Missed Call Notification

- 1 In Information window, **Voicemail** → 
  - Call Log appears.
- 2 **Voicemail** →
- 3 **Play to Voicemail** →
- 4 **Yes** → 
  - Follow voice guidance.

## Playing Messages from Voicemail Menu

- 1 In Voicemail menu, **Voicemail** →
- 2 **Play Voicemail** → 
  - Follow voice guidance.

Deleting New Voicemail Message Indicator  
In , **Clear Indicator** →  → **Yes** →

## Canceling Call Forwarding/Voicemail

- 1 In Voicemail menu, **Cancel All** →
- 2 **Yes** →

## Adding Contacts to Phone Book

Enter a name, phone number and mail address (enter at least one of these items) and classify the contact.

- 1 ➔ **Phone** ➔ ➔ **Add New Entry** ➔

The screenshot shows the 'New Entry' window with the following fields: Last Name, First Name, Reading-Last Name, and Reading-First Name. The 'Phone' field is highlighted, indicating it is the active field for input.

- 2 **Last Name:** ➔ ➔ Enter last name ➔ ➔ **First Name:** ➔ ➔ Enter first name ➔

The screenshot shows the 'New Entry' window with the following fields: Last Name, First Name, Reading-Last Name, and Reading-First Name. The 'Last Name' field is highlighted, indicating it is the active field for input.

- Characters entered for names (reading for kanji) appear.

- 3 **Add Phone Number:** ➔ ➔ Enter number ➔ ➔ Select type ➔

The screenshot shows the 'New Entry' window with the following fields: Reading-Last Name (Ueda), Reading-First Name (MIKIO), Tel 1 (090392XXXX1), and Add Phone Number. The 'Add Phone Number' field is highlighted, indicating it is the active field for input.

- To save additional numbers, repeat 3.

- 4 **Add Email Address:** ➔ ➔ Enter mail address ➔ ➔ Select type ➔

The screenshot shows the 'New Entry' window with the following fields: Tel 1 (090392XXXX1), Add Phone Number, Email 1 (aabb@xxx.yyy), Add Email Address, and Category (No Category). The 'Add Email Address' field is highlighted, indicating it is the active field for input.

- To save additional mail addresses, repeat 4.

- 5 **Category:** ➔ ➔ Select category ➔

The screenshot shows the 'New Entry' window with the following fields: Tel 1 (090392XXXX1), Add Phone Number, Email 1 (aabb@xxx.yyy), Add Email Address, Category (Friends), Address, and Office. The 'Category' field is highlighted, indicating it is the active field for input.

New Entry Window

- 6 ➔ Contact is saved.

### Incoming Calls while Adding Entry

- Content remains. End the call to return.

## Personal Ringtone

Set tones for calls/messages from saved contacts.

- 1 In new entry window, select item (e.g., *Tone-Voice Call*)  
➔
- 2 *Assign Tone* ➔ ➔ Select folder ➔
- 3 Select tone/file ➔ ➔

## Hiding Contacts

Hide Phone Book entries and require Handset Code for access.

- 1 In new entry window,  
*Secret*: ➔
- 2 *On* ➔ ➔

## Accessing Hidden Contacts

- ➔ ➔ *Unlock Temporarily* ➔   
➔ Enter Handset Code ➔

## Setting Responses by Category

Not available for USIM Card.

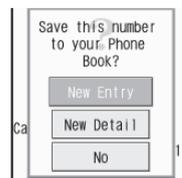
- 1 ➔ *Phone* ➔ ➔ *Set Category* ➔
- 2 *Select category* ➔ ➔ Select item ➔
- 3 *Select item* ➔ ➔ *Select item* (e.g., *Assign Tone*) ➔ ➔ *Set responses*
  - Set responses in the same way as contacts.

## Responses Set by Contact

- Settings for each contact take priority.

## Saving Numbers After Calls

After a call, save number to Phone Book.



- 1 When confirmation appears,  
*New Entry* ➔ ➔ *Complete fields* ➔

## Saving to an Existing Contact

- In 1, *New Detail* ➔ ➔ *Select contact* ➔ ➔ *Complete fields* ➔

# Using Phone Book

## Dialing from Phone Book

- 1 ➔ **Select tab (hiragana, A or \*) for first character of last name**



Contact Search Window (By あかさたな)

- 2 **Select contact** ➔
  - Omit if only one number is saved.
- 3 **Select number**
- 4

### Placing Video Calls

After , ➔ **Video Call** ➔

## Changing Search Method

Phone Book search methods:

By あかさたな	Shows contacts by tab; contacts are sorted by reading of last name.
By Category	Opens contacts in the specified category.
By Reading	Shows all contacts in reading order (katakana, alphabetical then numerical).

- 1 **In contact search window,** ➔ **Ph.Book Settings** ➔
- 2 **Sort Entries** ➔
- 3 **Select method** ➔

**Changing Search Method Temporarily**  
[Contact Search Window] (Press to toggle search methods)

## Opening from Other Functions

Example: Enter a recipient from Phone Book when sending a message.



Select Recipient Window

- 1 **Phone Book** ➔
  - Contact search window opens.
- 2 **Select contact** ➔
- 3 **Select number or mail address** ➔
  - Recipient is entered.
  - Omit if only one number or address is saved.

## Customizing Handset Address

Change alphanumerics before @ of the default handset mail address.

For more information, contact SoftBank Customer Support, General Information (P.9-1).

### Changing Address

1  ➔ **Settings** ➔ 

2 **Address Settings** ➔ 

- Handset connects to the Internet.  
Select **English** and Press , then follow onscreen instructions.

### Saving Address

When handset address is changed, SoftBank Mobile Corp. sends new address confirmation to handset.



To save new address to My Details:  
(New address is effective even if not saved.)

1 **Message** ➔ 



2 **Information** ➔ 

3 **Yes** ➔ 



4 

## Sending S! Mail

Send S! Mail to a number/address saved in Phone Book.

- 1 ➔ **Create Message** ➔   
 When a PC Mail Account exists, select **S! Mail** and Press .



S! Mail Composition Window

- 2 **Select Recipient field** ➔
- 3 **Phone Book** ➔
- 4 **Select contact** ➔
- 5 **Select number or mail address** ➔
  - Omit if only one number or address is saved.
  - When a mail address is entered, avoid using single-byte katakana in message text or subject; may not appear properly on recipient devices.

- 6 **Select Subject field** ➔ ➔ **Enter subject** ➔

- 7 **Select Message Text field** ➔



Text Entry Window

- 8 **Enter message** ➔



S! Mail Composition Window

- 9 ➔ **Transmission starts**
  - To cancel, Press .

### Incoming Calls while Creating Message

- Content remains. End the call to return.
- ### Personal Mode
- When recipient is entered from Phone Book, text entry window word suggestions change by recipient type.

### Previewing Outgoing Message

- After , ➔ **Preview Message** ➔

### Pictogram Entry

- In pictogram list, Press to toggle cross-carrier pictograms and all pictograms.
- Pictogram appearance may differ by carrier.

### Converting to Graphic Mail

- After , **Auto Art** ➔ ➔ **Select decoration type** ➔ ➔ (Next) or (Prev.) ➔ ➔
- To cancel conversion (before ): ➔ **Cancel Arrangement** ➔ ➔ **Yes** ➔

## Attaching Files

Send images to compatible handsets using S! Mail.

**1** In S! Mail Composition window after composing message, select Attachment field ➔ 

**2** *Picture* ➔  ➔ Select folder ➔ 

**3** Select file ➔ 



File attached

**4**  ➔ Transmission starts

## Attaching Non-Image Files

- In **2**, select a folder other than *Picture* and Press , then select a file.

## Attaching Multiple Files

After **3**, *Attach (1)* ➔  ➔ *Attach File* ➔  ➔ *Picture* ➔  ➔ *Select folder* ➔  ➔ *Select file* ➔  ➔  ➔ **4**

- *X* in *Attach (X)* indicates the number of attached files.

## Automatic Image Resizing

Large images may be automatically reduced to approximately 400 KB - 500 KB by default.

## If Recipient Cannot Receive Large Messages (Up to 2 MB)

- Message may be truncated or attachments may be lost.

## Sending SMS

Send SMS to a number saved in Phone Book.

1  ➔ **Create New SMS** ➔ 



SMS Composition Window

2 **Select Recipient field** ➔ 

3 **Phone Book** ➔ 

4 **Select contact** ➔ 

5 **Select number** ➔ 

- Omit  if only one number is saved.

6 **Select Message Text field**



Text Entry Window

7 **Enter message** ➔ 



SMS Composition Window

8  ➔ **Transmission starts**

### Incoming Calls while Creating Message

- Content remains. End the call to return.

### Personal Mode

- When recipient is entered from Phone Book, text entry window word suggestions change by recipient type.

### When Message Text Exceeds Limit

- Confirmation appears. To convert SMS to S! Mail, choose **Yes** and Press .

### Entering Pictograms Automatically

After , **Auto Art** ➔  ➔  (Next)

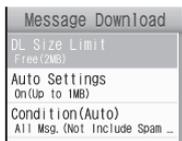
or  (Prev.) ➔  ➔ 

## Customizing Message Retrieval

Set manual retrieval (only initial portion of message text first received, no attachments) or automatic retrieval for specific mail (by sender type, mail address, etc.).

### Retrieving Messages Manually

- 1 ➔ **Settings** ➔
- 2 **Receive Settings** ➔
- 3 **Message Download** ➔



Message Download Menu

- 4 **Auto Settings** ➔

- 5 **Off** ➔

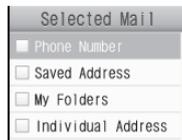
Retrieving Complete Messages Automatically when Approximate Size is 300 KB or Less  
In , **On (Up to 300KB)** ➔

### Specifying Automatic Retrieval

#### By Sender Type

- 1 In Message Download menu, **Condition (Auto)** ➔

- 2 **Selected Mail** ➔



Selected Mail Menu

- 3 Select item ➔  (/) ➔

#### By Mail Address

Specify mail addresses or domains (alphanumerics after @ of mail addresses).

- 1 In Selected Mail menu, **Individual Address** ➔
- 2 Select blank entry ➔
- 3 Select method ➔  ➔ **Select/enter address** ➔ 
  - Repeat 2 - 3 to add mail addresses.

- 4

- 5  () ➔

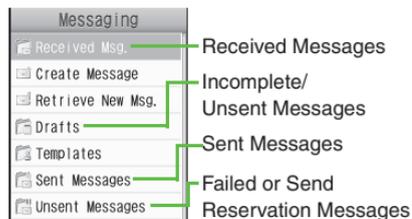
#### Specifying by Domain (Direct Entry)

[Selected Mail Menu] **Receive by the Domain** ➔ ➔ Select blank entry ➔  ➔ **Direct Entry** ➔  ➔ Enter domain ➔  ➔ ➔

## Handling Messages

### Messaging Folders

Messages are organized in folders by type.



### Automatic Message Deletion

- Handset automatically deletes oldest received/sent messages to save new ones if corresponding folder is full. Protect important messages to avoid unintentional deletion.

### Opening Help

- In folder list, message list or message window:



### When Failed Message is Saved

- A reminder message appears upon opening Messaging menu.

### Opening Messages

- 1 → **Received Msg. or Sent Messages** →



Folder List

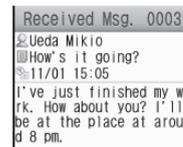
- When a PC Mail Account exists, PC Mail folder (folder with the name specified in Account Name) appears.
- Select Mail folder or PC Mail folder and Press to hide/show subfolders. To open full message list, hide subfolders and Press .

- 2 **Select folder** →



Message List

- 3 **Select message** →



Message Window

### Protecting Messages

- 1 **In message list, select message** → → **Manage Msg.** →

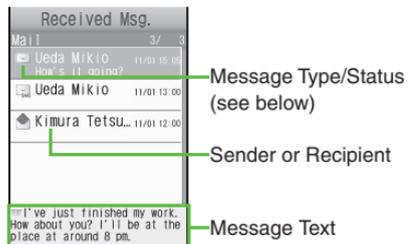
- 2 **Lock** →

### Canceling Protection

In , **Unlock** →

## Messaging Window Layout

### Message List

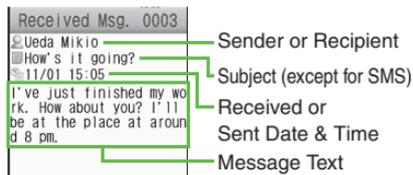


### Message Type/Status

	Unread		Mail Notice (remaining portion exists)
	Read		Unread Delivery Report
	Sent		Attachments
	Failed		Protected
	Replied		Priority (High)
	Forwarded		Priority (Low)
	Send Reservation set		USIM Card SMS

SMS or PC appears accordingly on indicators.

## Message Window



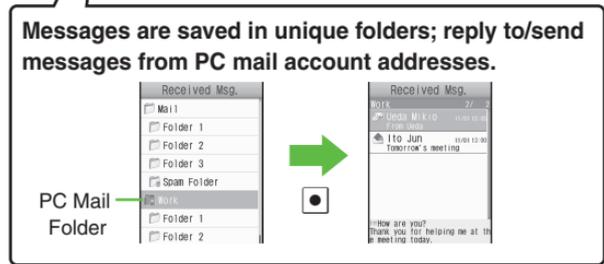
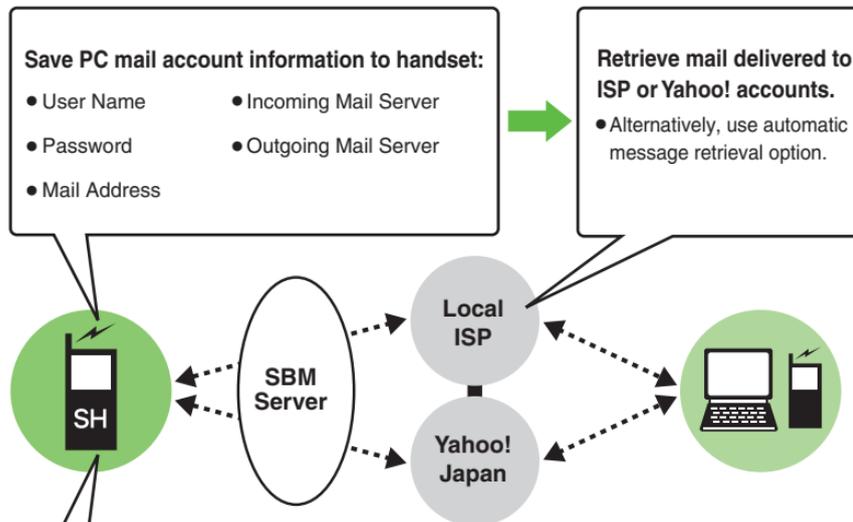
Press or to open other messages (higher or lower in message list).

### Changing Font Size

[Message Window] (Long Press) to enlarge or (Long Press) to reduce

# PC Mail

Receive or reply to PC mail account messages.



- PC Mail Cautions**
- Receiving PC Mail for the first time after PC Mail Account setup may incur high charges due to large-volume packet transmissions.
  - Setting handset to retrieve PC Mail automatically may incur high packet transmission fees. Take special care when using handset outside Japan.
  - Other functions may slow while handset is checking for new messages.
  - Checking for new messages may incur packet transmission fees even when none exists.
  - Single-byte katakana and pictograms are not supported.
  - When messages sent from a mobile phone to PC mail account are retrieved by handset (then opened, replied with quotes, forwarded, etc.), included pictograms may not appear or may appear as different characters.

## PC Mail Account Setup

- Proceed with setup according to information supplied by ISP.
- PC Mail services may be unavailable depending on the services, settings or contract details for your PC mail account. Confirm compatibility with POP/SMTP message retrieval/transmission from e-mail client beforehand.

### Mandatory Items for Retrieval

<b>User Name</b>	Required to connect to incoming mail server.
<b>Password</b>	Required to connect to incoming mail server.
<b>ReceivingServer</b>	Incoming mail server address

### Mandatory Items for Transmission

<b>Mail Address</b>	Address to use PC Mail
<b>Sender Server</b>	Outgoing mail server address

### Setting Other Items

- Edit information as needed; for description, select an item and Press .

-  ➔ **Settings** ➔  ➔ **PC Mail Settings** ➔ 



-  **PC Mail Account** ➔ 

-  **<Empty>** ➔ 

- Account Name** ➔  ➔ **Enter name** ➔ 

- Set Receiving** ➔  ➔ **Select item** ➔  ➔ **Select/enter item** ➔  ➔ 

- User Name, Password and ReceivingServer are mandatory.

- Set Sending** ➔  ➔ **Select item** ➔  ➔ **Select/enter item** ➔ 

- Mail Address and Sender Server are mandatory.

-  ➔  ➔ 

- If confirmation appears, follow onscreen prompts.

## Using Yahoo! Mail Addresses

- In , **Set Quick Yahoo! Mail** ➔  ➔ **Yes or No** ➔ 

- Follow onscreen instructions.
- Choose **No** to create a new account.

### Editing Accounts

- In , **select account** ➔  ➔ **From** 

### Deleting Accounts

- In , **select account** ➔  ➔ **Yes** ➔ 

### Saving User ID & Password for Transmission

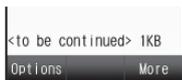
- If User Name and Password are unset Set Receiving items are automatically used for SMTP authentication. Follow these steps if ISP requires User Name and Password:

- In , **Set Sending** ➔  ➔ **Sender Auth.** ➔  ➔ **SMTP Auth.** ➔  ➔ **User Name** ➔  ➔ **Enter name** ➔  ➔ **Password** ➔  ➔ **Enter password** ➔  ➔  ➔  ➔ 

## Retrieving New PC Mail

Retrieve new messages from created accounts. If message count is high, some may not be received on the first attempt.

- 1  ➔ 
- 2 
- 3 **Select PC Mail folder** ➔   
➔ **Select message** ➔ 



Message Window

- Press  to retrieve full message.
- Message window is similar to that of S! Mail.

### Deleting Messages

- [Message List] **Select message** ➔   
➔ **Delete** ➔  ➔ **Select option** ➔  
 ➔ **Yes** ➔ 

### Retrieving Messages by Account

- After 1, **select account** ➔  ➔   
■ Omit  if only one message is retrieved.

## Sending PC Mail

To create and send PC Mail:

- 1  ➔ **Create Message** ➔ 
- 2 **Select PC Mail Account** ➔ 
- 3 **Complete message** ➔  ➔  
**Transmission starts**

### Converting to S! Mail

After ,  ➔ **Convert to S! Mail** ➔

 ➔ **Yes** ➔ 

### Note

- Single-byte katakana and pictograms are not supported.

## Service Basics

Access the Mobile Internet from Yahoo! Keitai, or view PC Internet sites from PC Site Browser.

- Service requires a separate contract; retrieve Network Information to use these services.
- For more about Yahoo! Keitai, see SoftBank Mobile Website (P.9-1).

### SSL & TLS

Secure Sockets Layer (SSL) and Transport Layer Security (TLS) are encryption protocols that secure Internet transmissions of important/sensitive information such as credit card numbers and corporate secrets, providing protection against online threats (eavesdropping, falsification, impersonation, etc.).

View server certificates saved on handset as needed.

#### Opening Secure Pages

- Confirmation appears. Choose **Yes** and Press  to proceed.

### SSL/TLS Caution

When a security notice appears upon opening a webpage, subscribers must decide for themselves whether or not to open the page. Opening secure pages constitutes agreement to the terms of SSL/TLS usage. SoftBank Mobile Corp., SHARP Corporation, VeriSign Japan, Cybertrust, Entrust Japan, GMO GlobalSign, EMC Japan, SECOM Trust Systems, Comodo Japan and Go Daddy, Inc. cannot be held liable for any damages associated with the use of SSL/TLS.

### Transmission/Information Fees

- Some page content may automatically activate Internet connection incurring transmission fees. (Information fees may also apply.) To prevent automatic connection, select an appropriate option for **Script Settings**, **Flash® auto-download** and **Download Videos** in Security Settings (e.g., in Browser Settings for Yahoo! Keitai).

## Using Yahoo! Keitai

### Using Yahoo! Keitai Main Menu

Browse Yahoo! Keitai sites from Yahoo! Keitai Main Menu.

Internet pages may not open depending on connection/server status, etc.

#### 1 ➔ Connection starts



Internet Page

- Yahoo! Keitai Main Menu opens.
- To disconnect, Press .

#### 2 Highlight menu item ➔

- Corresponding page opens.
- Repeat 2 to open additional links.

#### 3 ➔ Yes ➔ ➔ Browser exits

### Returning to Previous Pages

[Internet Page] ➔ Previous page opens

- To return to the initial page:

[Internet Page] ➔ Forward ➔

Returning to Yahoo! Keitai Main Menu

[Internet Page] ➔ Yahoo! Keitai ➔

### User Authentication

- To open pages requiring authentication:

Enter user ID or password ➔ ➔

### Accessing *メニューリスト* Directly

➔ Yahoo! ➔ ➔ Menu List ➔

- *メニューリスト* is a portal to Yahoo! Keitai content and services. (Includes a link to lists of sites supporting English.)

### Browsing in Wideview

[Internet Page] Rotate handset 90 degrees counterclockwise

- Use Multi Selector according to page orientation.

### Using History

1 ➔ Yahoo! ➔ ➔ History ➔

2 Select record ➔ ➔ Connection starts

- Corresponding page opens.

3 ➔ Yes ➔ ➔ Browser exits

### Entering URLs Directly

1 ➔ Yahoo! ➔ ➔ Enter URL ➔

2 Enter URL ➔ ➔ Connection starts

- Corresponding page opens.

3 ➔ Yes ➔ ➔ Browser exits

## Browsing PC Sites

View PC Internet sites from PC Site Browser.

- Browsing PC sites may incur high charges depending on subscribed price plan.
- Internet pages may not open depending on connection/server status, etc.

- 1  → **Yahoo!** → 
- 2 **PC Site Browser** → 
- 3 **Homepage** →  → **Connection starts**



Internet Page

- Yahoo! JAPAN Home opens.
- If a message appears, follow onscreen prompts.
- To disconnect, Press .

- 4 **Highlight menu item** → 

- Corresponding page opens.
- Repeat 4 to open additional links.

- 5  → **Yes** →  → **Browser exits**

### Returning to Previous Pages

[Internet Page]  → Previous page opens

- To return to the initial page:

[Internet Page]  → **Forward** → 

Returning to Yahoo! JAPAN Home

[Internet Page]  → **Homepage** → 

### User Authentication

Enter user ID or password →  → 

### Using History

In , **History** →  → Select record → 

### Entering URLs Directly

In , **Enter URL** →  → Enter URL → 

### Browsing in Wideview

[Internet Page] **Rotate handset 90 degrees counterclockwise**

- Use Multi Selector according to page orientation.

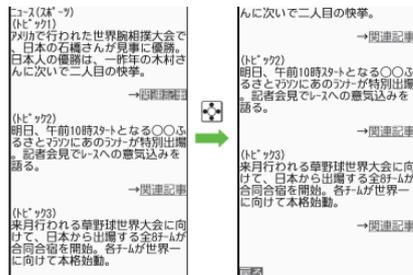
## Basic Operations

### Page Browsing

#### Scrolling Pages

If page content continues beyond view, use to scroll pages.

Long Press to scroll continuously.



### Switching Frames

On framed pages, Long Press to switch active frame.



Frames

- Alternatively, Tap a frame to select it.
- In pointer navigation, point to a frame and Press to select it.
- Otherwise, use to select one.

#### Viewing Selected Frame

[Internet Page] Select frame

Convenient Functions

Frame In

- To return, Press .

### Tabbed Browsing

Open pages in different tabs to switch between pages.

#### Opening New Tabs

**1** In a page, select menu item

➔ ➔ Tab Menu ➔

**2** Open in New Tab ➔



Tabs

#### Switching Tabs

**1** (Long Press) ➔

Select tab ➔

- Alternatively, Tap a tab to open it.
- In pointer navigation, point to a tab and Press to open it.

#### Closing Tabs

(Long Press) ➔ Select tab ➔

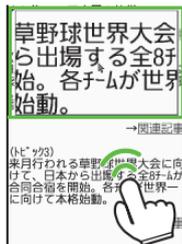
➔ ➔ Tab Menu ➔ ➔ Close

Tab or Close All Other Tabs ➔

## Selecting Items in Enlarged View

Enlarge area to select items with finger.

### 1 In a page, Touch & Hold area



Enlarged View

### 2 Drag to highlight item in enlarged view ➔ Release

Enlarging Areas in Pointer Navigation  
[Internet Page] Point to area ➔

7.3 (Long Press)

- Use to move pointer in enlarged view; highlight item and Press to execute it.
- To close enlarged view, Press a key other than .

## Selecting Text

Activate Drag Mode in pointer navigation to enable text selection. Select text to copy or look up words in dictionaries.

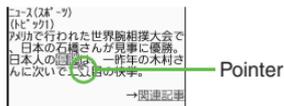
To use a dictionary:

(Text may not be selectable or linked page may open depending on site or page.)

### 1 In a page, point to first character ➔ (Long Press)

- Drag Mode activates.

### 2 Highlight text range



Pointer

### 3

### 4 ➔ *Copy & Search Dict.* ➔

### 5 Select dictionary ➔

- Dictionary opens with text inserted.

### 6 Search ➔ ➔ Select word, etc. ➔

Starting Over

After 3, point to first character ➔

➔ From 2

## Additional Page Operations

Enter text or select/execute items.



## Text Entry

**1** In a page, select Text entry field ➡

**2** Enter text ➡   
 • Internet page returns.

## Using Entered Text (Input Memory)

[Internet Page] Select Text entry field

➡ ➡ ➡ Insert/Font Size ➡

➡ Input Memory ➡ ➡ Select text

➡

## Pull-down Menu Item Selection

**1** In a page, select Menu list field ➡

**2** Select item ➡

## When Multiple Items are Selectable

• Select items as needed and Press .

## Page Item Indicators

## Selection Items

Buttons or boxes appear.

**1** In a page, select button or box ➡



• / changes to / .

## Execution Items

Execute the assigned command.

**1** In a page, select command ➡

## Infrared

Connect handset to Infrared devices for wireless connectivity.

Handset supports IrSimple™ high-speed wireless communications protocol; exchange large image files instantly with compatible mobile phones, printers, etc.

### Transferable Files

Phone Book	Received Msg.
Calendar	Sent Messages
Tasks	Drafts
Notepad	Templates (Messaging)
Bookmarks	Data Folder

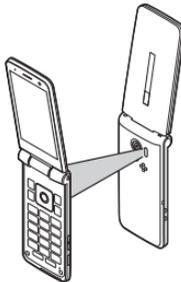
- Copy/forward-protected files are not transferable.
- Transfer may be unavailable depending on file content. Some settings may be lost, or transferred files may not be saved properly.

### Getting Started

#### Infrared Precautions

Align Infrared Ports of both devices.

- Handset cannot receive connection requests during Software Updates.



- Do not place objects between devices.
- Keep Infrared Ports aligned during transfer.
- Do not look into Infrared Port during Infrared transmissions. Eyesight may be affected.
- Handset complies with IrMC 1.1. Transfer may fail depending on file type even if target device also complies with IrMC 1.1.

### Transfer Options

One File Transfer	Transfer files one by one.
All File Transfer	Transfer all files by function.
IrSS Transfer	Exchange single JPEG image files with compatible devices at high speed.

- Some transfer options may be unavailable depending on file type.
- For Memory Card files, One File Transfer and IrSS Transfer are available.

#### Authorization Code

- Four-digit code required for All File Transfers. Transfers are possible when codes match. (Authorization Code is changeable for each transfer.)

## Using Infrared Transmission

### Receiving Files

1  ➔ **Tools** ➔  ➔  ➔  ➔ **Connectivity** ➔ **Infrared** ➔

2 **Switch On/Off** ➔  ➔  ➔ **On(3 min)** ➔



- Infrared is enabled.
- Handset receives files if sent within three minutes.
- Handset must be in Standby to accept connection requests.

3 **Connection request arrives**



Request Window

4 **Perform subsequent operations**

- To cancel transfer, Press .

### Subsequent Operations

#### ■ One File Transfer

**Yes** ➔

- If storage media confirmation appears, select media and Press .

#### ■ All File Transfer (Adding Files)

**Yes** ➔  ➔ **Enter Authorization**

**Code** ➔  ➔ **As New Items** ➔

#### ■ All File Transfer (Overwriting Existing Files)

**Yes** ➔  ➔ **Enter Authorization**

**Code** ➔  ➔ **Delete All & Save** ➔

➔ **Yes** ➔

- For Phone Book, My Details except handset number is overwritten as well.

#### ■ IrSS Transfer

**Yes** ➔

- Files are saved to Data Folder (Pictures).

## Sending Files

## One File Transfer

Example: Phone Book

- 1  ➔ **Select contact** ➔  ➔ **Send Entry** ➔ 
- 2 **Via Infrared** ➔  ➔ **Transfer starts**

- When complete, contact search window returns.

## All File Transfer

- 1  ➔ **Tools** ➔  ➔  ➔ **Connectivity** ➔ **Infrared** ➔ 
- 2 **Send All** ➔ 
- 3 **Yes** ➔  ➔ **Enter Handset Code** ➔ 
- 4 **Select item** ➔  (  /  ) ➔ **Complete selection** ➔ 
- 5 **Enter Authorization Code** ➔  ➔ **Transfer starts** ➔ 

## Sending Phone Book

- In  , Picture transfer confirmation appears; choose **Yes** or **No** and Press .

## Sending JPEG Images at High Speed

- 1  ➔ **Data Folder** ➔ 
- 2 **Pictures or DCIM** ➔   
For **DCIM**, select a folder and Press .
- 3 **Select image** ➔  (Long Press)
- 4 **Yes or No** ➔  ➔ **Transfer starts**
  - Images may be reduced automatically before transfer depending on size.
  - When complete, file list returns.
  - Transfers are one-way; end even if files are not received.

## Exchanging Contact Information

Exchange name, phone numbers, mail addresses, and other contact info with other compatible handsets using Infrared. Read **P.6-1** "Infrared Precautions" beforehand.

### Receiving Profiles

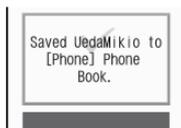
#### 1 (Long Press)



Exchange Profile Menu

#### 2 **Receive**

#### 3 **Profile received**



- Received profile is saved to Phone Book.

### Sending Profiles

#### 1 **In Exchange Profile menu, Send** **Transfer starts**

#### Changing Profile Items to Send

[Exchange Profile Menu] **Send**

**Settings**    **Select item**  

(/)  **Complete selection**  

#### Opening My Details

[Exchange Profile Menu] **My Details**

## Bluetooth®

Connect handset to other Bluetooth® devices for wireless connectivity.

- For transferable files, see **P.6-1**.
- Handset supports simultaneous connection with two devices. (May be unavailable depending on device type.)
- Bluetooth® connection may not be possible with some Bluetooth® devices.
  - Handset shall be connected to certified Bluetooth® devices that meet the specification standards developed by the Bluetooth SIG.
  - Data transfers may fail depending on characteristics or specifications of the certified Bluetooth® devices.
  - Noise may interfere with wireless or handsfree conversations.
- TV audio is supported only on SCMS-T DRM scheme compliant Bluetooth® devices.

### Getting Started

#### Bluetooth® Precautions

Check transmission range of your Bluetooth® device to use with handset properly. Maximum transmission range for transfers between SoftBank 301SH handsets is ten meters. (Bluetooth® connection/transfer rate may vary depending on conditions.)

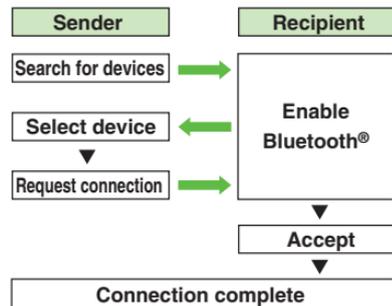
#### Important Handsfree Device Usage Note

- Handle call operations on the device in use.

#### Bluetooth® Watches

- Compatible Bluetooth® watches support these functions:
  - Clock syncing
  - Alarm notices
  - News notices
  - Mail notices
  - Remote Shutter
  - Mode Settings
  - Quick Silent
  - Caller ID notices
  - Holding calls
  - Show Operator Name
- For details about functions/operations, see the Bluetooth® watch guide.

### Bluetooth® Connection



#### Authorization Code

- 4 to 16-digit code required for Bluetooth® connections with devices not compliant with Bluetooth® specification Ver. 2.1.
  - For handsfree devices, enter specified Authorization Code.

# Using Bluetooth®

## Enabling Bluetooth®

### 1 (Long Press)



- Bluetooth® is enabled.
- Handset must be in Standby to accept connection requests from unpaired handsfree devices, etc.
- To cancel Bluetooth®, Long Press .

## Connecting Bluetooth® Devices

### Device Search & Pairing

Enable Bluetooth® on target devices first.

- 1  ➔ **Tools** ➔  ➔   
**Connectivity** ➔ **Bluetooth**  
 ➔ 



Bluetooth Menu

- 2 **Add Device** ➔ 



- To hide message, Press  before .

### 3

- Found Bluetooth® devices are listed after search.
- To cancel search, Press .

### 4 **Select device** ➔

If confirmation appears, choose **Yes** and Press .

### 5 **Yes** ➔ ➔ **Pairing complete**

- If target device is a keyboard, follow onscreen instructions.

### Connecting Devices Not Compliant with Bluetooth® Specification Ver. 2.1

In , enter the same **Authorization Code** for handset and target device  
 ➔  ➔ **Pairing complete**

- On target device, complete code entry within 30 seconds.
- Code entry is omitted for paired devices.

## Connecting Paired Handsfree Devices, Etc.

### 1 In Bluetooth menu, *Paired Devices* ➔



Paired Device List

### 2 Select device ➔

If handset is already connected to another device, disconnection confirmation may appear; choose **Yes** and Press .

- Selected device is connected and  (preferred) appears.

## Accepting Connection Requests

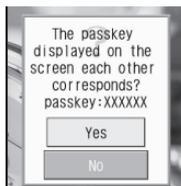
To accept connection requests from unpaired devices:

### 1 Connection request arrives



Request Window

### 2 Yes ➔



### 3 Yes ➔

- If target device is a keyboard, follow onscreen instructions.

## Connecting Devices Not Compliant with Bluetooth® Specification Ver. 2.1

In , enter the same Authorization

Code as sender's ➔

- Complete code entry within 30 seconds.

## Transferring Files

Exchange files with paired devices as follows:

- For transferable files, see P.6-1.
- When requested, enter Authorization Code.

### Receiving Files

#### 1 Connection request arrives



Request Window

#### 2 Perform subsequent operations

- To cancel transfer, Press .

### Subsequent Operations

#### One File Transfer

Yes →   → Yes → 

- If storage media confirmation appears, select media and Press .

#### All File Transfer (Adding Files)

Yes →   → As New Items → 

#### All File Transfer (Overwriting Existing Files)

Yes →   → Delete All & Save →

 → Yes → 

- For Phone Book, My Details except handset number is overwritten as well.

### Sending Files

#### One File Transfer

Example: Phone Book

1  → Select contact →  → Send Entry → 

2 Via Bluetooth → 

3 Select device →  → Transfer starts

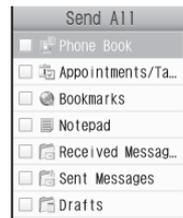
- When complete, contact search window returns.

### All File Transfer

1 In Bluetooth menu, Send All → 

2 Select device →  → Yes → 

3 Enter Handset Code → 



4 Select item →  (/) → Complete selection →  → Transfer starts → 

#### Sending Phone Book

- In 4, Picture transfer confirmation appears; choose Yes or No and Press .

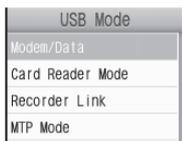
## Connecting PC

### Accessing Memory Card

Connect handset to a PC with USB Cable to access Memory Card from the PC without removing it from handset.

USB Cable may be purchased separately.

#### 1 Connect handset to a PC with USB Cable



#### 2 Card Reader Mode ➔

- Use PC to access Memory Card.

#### 3 ➔ Yes ➔ ➔

#### Connection ends

- Disconnect USB Cable.

#### If Menu in 1 Does Not Appear

 ➔ *Tools* ➔  ➔ *Connectivity*  
➔ *USB Mode* ➔  ➔ From 2

- Operations on the PC may be required; if prompted, follow onscreen instructions.

### Utility Software (Japanese)

For more PC-related operations, download Utility Software (including USB Cable driver) from the following URL.

#### Utility Software

[http://k-tai.sharp.co.jp/support/s/301sh/download.html#soft\\_utility](http://k-tai.sharp.co.jp/support/s/301sh/download.html#soft_utility)

#### Mobile Data Communication Fees

- Accessing the Internet from handset via a PC/PDA (using USB Cable or Bluetooth®) may incur high charges as large-volume packet transmissions tend to occur in a short period of time.

## Basics

Back up information to Memory Card, and restore to handset as needed.

Specify frequency for Auto Backup.

Auto Backup requires a subscription to S! Addressbook Back-up.

### Supported Items

Select items, or back up all items together at once.

In Manual Backup, open Options menu for **Check Selection** to select multiple items for simultaneous backup.

Phone Book*	Sent Messages*
Calendar*	Drafts*
Tasks*	Templates (Messaging)
Bookmarks*	Contents Keys
Notepad*	Data Folder
Mail Groups*	User Dictionary
Received Msg.*	

\*Selectable for simultaneous backup.

### Backup All Items

- In addition to supported items, **Backup All Items** saves the following items:
  - Settings
  - Album
  - Manage Model Type Data

### Auto Backup Compatibility

- These items are not backed up:
  - Mail Groups
  - Templates (Messaging)
  - Data Folder
  - User Dictionary

### Precautions

- Not available if Battery is low.
- Backup may fail if Memory Card memory is low.
- Backup may be unavailable depending on file content. Some settings may be lost, or backed up files may not be saved/restored properly.

### Auto Backup File Deletion

- Auto Backup saves up to three backup files for each item; when full, handset automatically deletes oldest files to save new ones.

### Contents Keys

- Manual Backup overwrites Contents Keys in Memory Card. Perform Restore beforehand to keep previous Keys.
- In Auto Backup, Contents Keys are added to Memory Card.

### Restoring Backed Up Content

- Corresponding handset content is overwritten depending on Restore option.

# Backup & Restore

## Manual Backup

To back up selected items together at once:

- 1 → **Settings** → → → **Phone/Restore** → **Backup/Restore** →



Backup/Restore Menu

- 2 **Backup Selected Items** → → **Enter Handset Code** →
- 3 **Yes** →
- 4 **Select item** → (/✓) → **Complete selection**

- 5 → **Yes** →
  - To cancel, Press .

- 6 **Backup complete** → → 

**Selecting Multiple Items Together at Once**  
In 4, → **Select option** → →   
**From**

**Selecting/Canceling All Items**  
In 4, → **Check All or Uncheck All** →

## Auto Backup

Back up information to Memory Card at a specified frequency automatically.

To enable Auto Backup, set Auto Sync Settings (S! Addressbook Back-up) to **On**; Auto Backup will be performed at 2:00 AM on the same day of the week by default.

### Precautions

- Auto Backup does not start when:
  - Memory Card is not inserted
  - Battery is low/dead and not being charged
  - Another function is active (end it and return to Standby to start backup)

### At Auto Backup Time

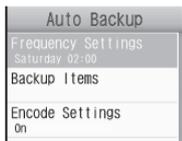
Backup starts; Information window opens upon completion.

Select **Complete Auto Save** and Press to open backup result.

## Changing Settings

To back up once a week automatically:

- 1 In Backup/Restore menu, **Settings** →
- 2 **Auto Backup** →  → Enter Handset Code →



Auto Backup Menu

- 3 **Frequency Settings** →
- 4 **Once Every Week** →  → Select day →  → Enter time →
- 5 **Backup Items** →  → Select item (/) → Complete selection →

## Backing Up Once a Month

In 4, **Once Every Month** →  → Enter date →  → Enter time →  →

## Disabling Auto Backup

In 4, **Don't Auto Backup** →

## Disabling Encoding

[Auto Backup Menu] **Encode Settings** →  → **Off** →

## Memory Card to Handset

To restore selected items:

- 1 In Backup/Restore menu, **Restore Selected Items** →  → **Yes** →
- 2 Select item →  (/) → Complete selection
- 3 
  - If no file list appears, skip ahead to 6.
- 4 **Select file** → 
  - Repeat 4 to complete selection.

5

6 **Yes** →

- To cancel, Press .

7 **Restore complete** →  →

## Selecting Multiple Items Together at Once

In 2,  → Select option →  → From

## Selecting/Canceling All Items

In 2,  → **Check All or Uncheck All** →

## Changing Restoration Method

After 2, select item →  → **Change to Add Mode or Chg. to Overwrite Mode** →  → From

## Getting Started

Shoot photos or videos.

### Detect Personal & Pet

Locks focus on the face of a person or pet. Register people's faces; related information appears in Viewfinder upon face detection.

### Continuous AF

Focus continuously adjusts as the framed subject's position changes.

### Select Camera

Handset is loaded with preset Camera modes tailored for various purposes/occasions; select a Camera mode to suit subject/shooting conditions.

### Album

Sort saved images into up to 500 albums; create original albums as needed.

### Important Mobile Camera Usage Notes

- Clean dust/smudges from Lens Cover with a soft dry cloth before use.
- Camera is a precision instrument; however, some pixels may remain on/off.
- Shooting/saving images while handset is hot may affect image quality.
- Exposing Lens to direct sunlight may damage Color Filter and affect image color.

### Automatic Shutdown

- Camera shuts down after a period of inactivity and handset returns to Standby.

### Shutter Click

- Shutter click and Self-timer tone sound at fixed volume regardless of handset settings.

## Photo Camera & Video Camera Overview

Focus modes and sizes shown below are defaults; those with ` are fixed.

		Description	Focus Mode	Size
Standard Shooting	Easy Auto Camera	Capture nearby subjects easily (settings partially changeable).	Normal(Face)`	12M
	Pro Auto Camera	Capture nearby subjects easily (settings mostly changeable).	Normal(Face)	12M
	Quick Camera	Capture distant scenery quickly.	Manual Focus`	3M
Subject & Conditions	Scene Cameras	Select one according to subject/shooting conditions.	Normal(Face)`	12M
	Monochrome Camera	Capture black and white photos.	Normal(Face)`	12M
	Sepia Camera	Capture sepia photos.	Normal(Face)`	12M
	Shot Memo Camera	Improve text readability in captured memos, tables, etc.	Center Auto Focus`	5M
Specific Objectives	Wallpaper Camera	Show mock Clock/Calendar in Viewfinder to capture photo and set it as Wallpaper.	Normal(Face)	Wallpaper`
	Auction Camera	Use guide to capture multiple photos for posting on auction sites.	Center Auto Focus	VGA
	Messaging Camera	Capture and send photos using mail easily.	Normal(Face)`	VGA
	Blog Camera	Capture and post photos to blogs easily.	Normal(Face)	VGA

		Description	Focus Mode	Size
Auto Shutter Release	Look Back Camera	Play sound and release shutter automatically when subject turns face to Camera.	—	12M
	Smile Camera	Release shutter automatically when subject smiles.	Normal(Face)*	12M
	Self Timer Camera	Release shutter automatically after selected time elapses.	Normal(Face)*	12M
Consecutive Shooting	Rapid Shooting Camera	Capture up to 30 photos rapidly.	Normal(Face)	VGA
	Three-Shot Camera	Capture three consecutive photos of up to 12M size automatically.	Normal(Face)	12M
	Best Select Photo	Select best photo from a series of rapid shot photos including moments immediately before shutter releases.	Normal(Face)	VGA
Fun Cameras	Fish-eye Camera	Capture photos with enhanced barrel distortion as if shot with full-frame horizontal fisheye lens.	Center Auto Focus*	3M
	Miniaturize Camera	Capture photos of scenery, etc. that resemble miniature models as if shot with a tilt-shift lens.	Center Auto Focus*	5M
	Drawable Camera	Drag on captured photo to scribble or sketch.	Normal(Face)*	Wallpaper

Additional  
Cameras

Pretty Arrange Camera

Touch up faces in captured photos.

Normal(Face)\*

5M

Self Portrait Camera

Use guide to capture self portraits.

Normal(Face)\*

5M

Face Register Camera

Register name and note for faces.

Normal(Face)\*

VGA\*

HD Video Camera

Record long high quality videos.

Normal(Portrait)

HD\*

## Video Camera

Pro Auto Video Camera

Record videos with more customizable options.

Normal(Portrait)

HD

Video Camera for Mail

Record small videos easily to send using mail.

Normal(Portrait)

QCIF

## Capturing Photos

Capture photos in portrait or landscape. Unless noted otherwise, photo capture descriptions are for portrait orientation.

### Using Photo Camera

To capture someone's photo with **Easy Auto Camera**:

- 1  ➔ **Frame subject on Display**



Photo Viewfinder  
(face detected)

- Focus automatically locks on detected face. (Face auto focus)

- 2 



Captured Photo Window

- Shutter clicks; captured photo is saved.

- 3 

- Viewfinder returns.
- Open saved photos from Album, Review or Data Folder.

- 4  ➔ **Camera shuts down**

### One Touch Shutter

- Tap subject in Photo Viewfinder; focus locks and shutter releases automatically.

### Mobile Light

- Mobile Light may illuminate automatically depending on ambient light or Camera mode. To turn Mobile Light off:

[Photo Viewfinder]  ➔ **Mobile Light** ➔  ➔ **Off** ➔ 

### Face Auto Focus

- Focus automatically locks on face of detected person or pet for Easy Auto Camera, Pro Auto Camera, etc.
  - Detection may fail depending on angle, distance from subject or environment.

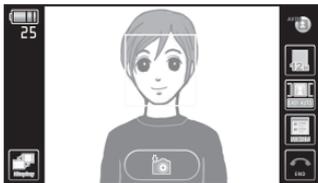
### Detect Personal

- To use Detect Personal, first register a face with a name, etc. If Camera detects registered face, saved name, etc. appears in Viewfinder; handset automatically sorts saved photos to designated folder (Portrait & Pet).
  - Camera cannot detect registered faces and pets at the same time.

## Landscape Orientation

Hold handset horizontally for landscape photo capture; changes Viewfinder too.

### 1 In Photo Viewfinder, rotate handset 90 degrees



## Main Viewfinder Operations

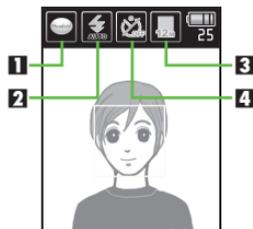
### Handset Keys

Zoom In/Out or Adjust Focus	
Adjust Brightness	
Toggle Mobile Light Mode	
Change Viewfinder	
Open Help	

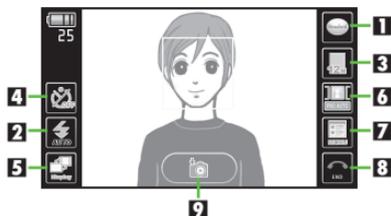
- Press to open Options menu for more functions/settings.
- Multi Selector functions change with Viewfinder orientation.

## Touchscreen

Menu icons or Camera indicators appear on Display; Tap target item for assigned setting/function. Icons/indicators vary by Camera mode and Viewfinder orientation.



Example: Pro Auto Camera



Example: Pro Auto Camera

1 Scene	6 Switch Cameras
2 Mobile Light	7 MENU
3 Shooting Size	8 Exit
4 Self-timer	9 Release Shutter
5 Change Viewfinder	

## Changing Photo Viewfinder

[Photo Viewfinder] Tap /Disp

- Switch from menu icons to Camera indicators to all off.
- In all off, Press for menu icons.

## Additional Operations

Zoom In/Out or Adjust Focus	Drag up/down.
Adjust Brightness	Drag left/right.

- Tap **MENU** for more functions/settings.

## Opening Help

[Photo Viewfinder] Tap **MENU** ➔ Tap **Help**

## Focus Lock

Lock focus on subject; Camera continuously focuses on moving subjects.

- Chase Focus tracks subject's movement, and Continuous AF adjusts focus as distance to the subject changes.
- May be unavailable depending on Camera mode.

### 1 In Photo Viewfinder, frame subject in center of Display



- Focus Mark (e.g., ) appears and Focus Lock is set.



- Captured photo appears.
- Press  to return to Viewfinder.

### Canceling Focus Lock



#### Chase Focus

- Camera uses color to track subjects; may not correctly track faintly colored subjects or ones similar to background color.

## Shooting Size & Usage

12M	A3 prints
QFHD	16:9 aspect ratio prints
5M	B5 prints
3M	L to 2L prints
Full HD	Full HD display wallpaper
Wallpaper	Handset Wallpaper
VGA	Blog posts, etc.

# Selecting Camera

## Switching Cameras

### 1 In Photo Viewfinder,



### 2 Select Camera

- Selected Camera activates.
- For subsequent operations, see "Using Selected Camera" on the right.

#### Selecting Camera by Purpose

After 1,   From 2

#### Selecting Camera by Subject

After 1,     From 2

## Using Selected Camera

### ■ Rapid Shooting Camera

1   **Continuous Type** 

2 Select mode 

3 Frame subject on Display 

- After photo capture, thumbnails appear.

4   **Check All** 

- Alternatively, Tap **Check All** in thumbnail list.

5 

- Save process may take some time depending on the number of captured photos.
- If confirmation appears, follow onscreen prompts.
- Saved photos appear in Data Folder (Pictures > Shot Pics).

## Shooting Manually

After  Press  for each frame   
From 4

## Saving Selected Photos

After  select photo   

## Using Photo Recommender

- Save a photo from recommended photos (automatically selected in terms of Face, Move, Sharpness and Macro, one for each).  
After   **Photo Recommender**   
  **Select photo**   
- Alternatively, Tap **Recommend** then proceed.

## Creating Strobe Photo (Composite Image)

- When **Compose Strobe Photo** appears in thumbnail list:  
After       **to start composing**   **to save**  
Alternatively, Tap **Compose Strobe Photo**.

### Look Back Camera

- 1** Frame subject on Display ➔  
 (whistle),  (rattle) or  
 (dog bark)

- Sound plays.
- Alternatively, Tap ,  or .

- 2** Face detection activates and shutter releases; photo appears



- Viewfinder returns.

### Smile Camera

- 1** Frame subject on Display

- 2** Smile detection activates and shutter releases; photo appears



- Viewfinder returns.

### Self Timer Camera

- 1** Frame subject on Display  
 ➔   
 • Countdown starts.

- 2** Shutter releases after approximately ten seconds; photo appears



- Viewfinder returns.

### Wallpaper Camera

- 1** Frame subject on Display



- Wallpaper preview appears.



- Photo is set as Wallpaper. (Viewfinder returns.)

### Auction Camera

- 1** Frame subject on Display



- First photo appears.



- Photo is saved.
- Repeat **1** - **2** to capture two more photos following onscreen instructions.

- 3** Yes ➔ 

### Messaging Camera

- 1** Frame subject on Display  
 ➔ 



- Mail Composition window opens. Complete and send message.

### Shot Memo Camera

- 1** Frame subject on Display



- Corrected photo appears.
- Alternatively, Tap *Shot Memo*.



- Select preview image



- Photo is saved. (Viewfinder returns.)

## ■ Pretty Arrange Camera

- 1 **Frame subject on Display**  
 ➔
- 2
  - Face is touched up.
  - Alternatively, Tap **Pretty**.
- 3 ➔
  - Photo is saved. (Viewfinder returns.)

### Canceling Effects

After ,

### Adjusting Each Effect Separately

After , (Small Face), (Cute Eyes) or (Fair Skin) ➔

- Alternatively, Tap corresponding indicator then proceed.

### When Multiple Faces are Detected

- After , Press to touch up all faces.  
To touch up selected faces:

After , (select face) ➔ ()  
 ➔ ➔

## ■ Self Portrait Camera

- 1 Turn handset around
- 2 Frame your face on Display and look into Lens
- 3 Face detection activates, tones sound, and shutter releases; photo appears
- 4
  - Viewfinder returns.

## ■ Additional Cameras

Three-Shot Camera	Frame subject on Display ➔  ➔ Select photo ➔
Best Select Photo	<ul style="list-style-type: none"> <li>• To save all photos or use Photo Recommender, see P.7-8 "Rapid Shooting Camera."</li> </ul>
Scene Cameras	
Monochrome Camera	
Sepia Camera	Frame subject on Display ➔
Miniaturize Camera	
Fish-eye Camera	
Blog Camera	Frame subject on Display ➔  ➔  ➔ Proceed with blogging <ul style="list-style-type: none"> <li>• Complete Blog Tool settings beforehand.</li> </ul>
Drawable Camera	Frame subject on Display ➔  ➔  ➔ Drag on photo ➔  ➔ <b>Save as New</b> or <b>Overwrite</b> ➔

## Changing & Saving Camera Settings

Change settings by purpose/shooting conditions; save frequently used settings as **My Camera** for future use. Some settings may be unavailable depending on Camera mode (no corresponding indicators appear).

### Main Items

		Description
Focus	Focus Mode	Select <b>Normal(Face)</b> , <b>Center Auto Focus</b> , <b>Macro</b> or <b>Manual Focus</b> .
	Continuous AF	Adjust focus as focus-locked subject's position changes; choose <b>On</b> or <b>Off</b> .
	Chase Focus	Track focus-locked subject as it moves within Viewfinder; choose <b>On</b> or <b>Off</b> .
	Focus Mark	Select focus frame design from <b>Pattern 1</b> to <b>Pattern 6</b> .
Shutter	One Touch Shutter	Release shutter upon Tapping Viewfinder; choose <b>On</b> or <b>Off</b> .
	Self-timer	Select <b>10 sec</b> , <b>5 sec</b> , <b>2 sec</b> or <b>Off</b> .
	Shutter Mode	Select <b>Normal</b> (manual), <b>Egao</b> (smile detection) or <b>Furimuki</b> (face detection).
	Shutter Sound	Select shutter click sound from <b>Pattern 1</b> to <b>Pattern 3</b> .
Size & Quality	Picture Size	Select shooting size from <b>12M(3000x4000)</b> to <b>VGA(480x640)</b> .
	Picture Quality	Select photo quality from <b>High Quality</b> , <b>Fine</b> and <b>Normal</b> .

		Description
Conditions	ISO Sensitivity	Select light sensitivity from <b>Auto</b> (~200), <b>Auto</b> (~1600) and <b>100</b> to <b>3200</b> .
	White Balance	Select <b>Auto</b> , <b>Daylight</b> , <b>Cloud/Shade</b> , <b>Tungsten</b> or <b>Fluorescent</b> for best color balance.
	Exposure	Select amount of light received by Camera from <b>-2</b> to <b>+2</b> .
	Mobile Light	Select Mobile Light mode from <b>On</b> , <b>Automatic</b> , <b>Low Light</b> and <b>Off</b> .
Save Settings	Save Pictures to	Select <b>Memory Card Priority</b> , <b>Memory Card Fixed</b> , <b>Phone Memory</b> , <b>DCIM</b> or <b>Ask Each Time</b> .
	Auto Save	Select <b>On(Preview Off)</b> , <b>On(Preview 2 sec)</b> , <b>On(Preview Manual)</b> or <b>Off</b> .
	Background Save	Enable quick transition to Viewfinder after saving photos; choose <b>On</b> or <b>Off</b> .
Other	Shake Reducing	Select shake reduction option ( <b>Auto</b> or <b>Off</b> ).
	Display Setting	Select Viewfinder view from <b>Normal</b> , <b>Guidance</b> and <b>Icon Off</b> .
	Set Send Key	Select send option assigned to  .

## Changing Settings

Example: Picture Quality

### 1 In Photo Viewfinder,



### 2 Settings

### 3 Picture Quality



### 4 Select quality

- Viewfinder returns.
- For some settings, current status appears in their indicators.

## Saving Changed Settings

After photo capture, save changed settings with a name and captured photo; load saved settings in the same manner as switching Cameras.

May be unavailable depending on Camera mode.

### Saving as My Camera

### 1 In captured photo window,

### 2 Save as My Camera

- Messages appear.

### 3 Specify area



- Specified area is used as Camera's icon.

### 4

### 5 My Camera Name:

### 6 Enter name

### 7

- My Camera is created.

### Entering Information

After 5, Note:   Enter text 

### Using My Cameras

### 1 In Photo Viewfinder,

### 2 Select My Camera

## Registering Faces (Detect Personal)

Register people's faces; related information appears in Viewfinder upon face detection, and saved photos are sorted into albums (Portrait & Pet).

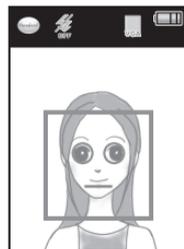
- Register name, note and priority for up to ten faces.
- When multiple registered faces are detected, focus locks on one with highest priority.



Viewfinder Information

### Saving Entries

- 1 In Photo Viewfinder,
- 2 *Detect Personal/Pet*
- 3 *Register Face*
- 4 Use guide to find best position



- Guide turns red when face is detected.

5



- Window shown above opens when face is recognized correctly; if not, repeat 4 - 5.

6 *Empty*

7 *Name:*

8 *Enter name*

9

- Entry is saved.
- Lower entry numbers indicate higher priority.

### Entering Information

After 5, *Note:* Enter text

### Setting Text Color

After 5, *Font Color:* Select color

- Upon face detection, Viewfinder information appears in selected color.

## Recording Videos

Record videos in portrait or landscape. Unless noted otherwise, video recording descriptions are for portrait orientation.

### Using Video Camera

Record high definition videos with **HD Video Camera**, up to approximately 4 seconds per shot, on handset. Insert a Memory Card to record longer shots.

#### 1 (Long Press)



Video Viewfinder  
(HD Video Camera)

#### 2 Frame subject on Display



- Tone sounds and recording starts.

#### 3

- Tone sounds and recording stops.
- Video is saved and plays; Viewfinder returns.
- Play saved videos from Album, Review, Data Folder or Media Player.

#### Incoming Calls while Recording

- Recorded clip remains even if the call is answered. After the call, video is saved and plays automatically; Viewfinder returns.

#### If Battery Runs Low

- Recording stops. (Recorded clip is saved.)

#### Switching Video Cameras

[Video Viewfinder]   **Simple Setting**    **Select Video Camera**  

### Landscape Orientation

Hold handset horizontally for landscape recording; changes Viewfinder too.

#### 1 In Video Viewfinder, rotate handset 90 degrees counterclockwise



## Sending Recorded Video Using Mail

- 1  (Long Press)
- 2  → **Simple Setting** → 
- 3 **Video Cam For Mail** → 



Video Viewfinder  
(Video Camera for Mail)

- 4 **Frame subject on Display**  
→ 
  - Tone sounds and recording starts.
- 5 
  - Tone sounds and recording stops.
  - Video is saved and plays.

- 6 **During playback,** 
- 7 **S! Mail** → 
  - Mail Composition window opens.
- 8 **Complete message** → 

## Main Viewfinder Operations

## Handset Keys

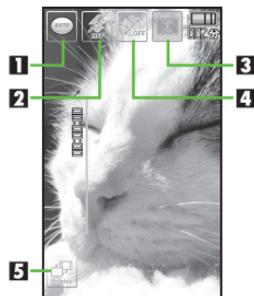
Zoom In/Out	
Adjust Brightness	
Mobile Light On/Off	
Change Quality	
Pause/Resume Recording	While Recording, 
Capture Photo	While Recording, 
Cancel Recording (Start Over)	
Open Help	

\*May be unavailable depending on Camera mode and shooting size.

- Press  to open Options menu for more functions/settings.
- Multi Selector functions change with Viewfinder orientation.

## Touchscreen

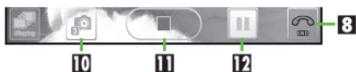
Menu icons or Camera indicators appear on Display; Tap target item for assigned setting/function. Icons/indicators vary by Camera mode and Viewfinder orientation.



Example: HD Video Camera



Example: HD Video Camera



Example: HD Video Camera (Recording)

<b>1</b>	Scene	<b>7</b>	MENU
<b>2</b>	Mobile Light	<b>8</b>	Exit
<b>3</b>	Shooting Size	<b>9</b>	Start Recording
<b>4</b>	Self-timer	<b>10</b>	Capture Photo
<b>5</b>	Change Viewfinder	<b>11</b>	Stop Recording
<b>6</b>	Switch Cameras	<b>12</b>	Pause/Resume Recording

### Changing Scene Setting by Subject

[Video Viewfinder] Tap ➔ Tap scene

### Changing Video Viewfinder

[Video Viewfinder] Tap /Disp

- Switch from menu icons to Camera indicators to all off.

### Switching Cameras

[Video Viewfinder] Tap Camera selection indicator (, , etc.)  
➔ Tap Camera

## Additional Operations

<b>Zoom In/Out</b>	Drag up/down.
<b>Adjust Brightness</b>	Drag left/right.
<b>Focus Lock</b>	Tap image.

Tap **MENU** for more functions/settings.

### Opening Help

[Video Viewfinder] Tap **MENU** ➔ Tap **Help**

## Changing & Saving Video Camera Settings

Change settings by purpose/shooting conditions; save frequently used settings as **My Video Camera** for future use. Some settings may be unavailable depending on Camera mode (no corresponding indicators appear).

### Main Items

		Description
 <b>Focus</b>	Focus Mode	Select <b>Normal(Portrait)</b> , <b>Manual Focus</b> or <b>Macro</b> .
	Chase Focus	Track focus-locked subject as it moves within Viewfinder; choose <b>On</b> or <b>Off</b> .
 <b>Size &amp; Quality</b>	Picture Size	Select shooting size from <b>HD(1280x720)</b> to <b>QCIF(176x144)</b> .
	Video Quality	Select <b>High Quality</b> , <b>Fine</b> or <b>Normal</b> .
 <b>Mic</b>	Microphone	Record videos with sound; choose <b>On</b> or <b>Off</b> .

		Description
Conditions	Exposure	Select amount of light received by Camera from <b>-2</b> to <b>+2</b> .
	Mobile Light	Activate Mobile Light; choose <b>On</b> or <b>Off</b> .
Save Settings	Save Videos to	Select <b>Memory Card Priority</b> , <b>Memory Card Fixed</b> , <b>Phone Memory</b> or <b>Ask Each Time</b> .
	Auto Save	Select <b>On(Preview Off)</b> , <b>On(Preview On)</b> or <b>Off</b> .
Other	Display Setting	Select Viewfinder view from <b>Normal</b> , <b>Guidance</b> and <b>Icon Off</b> .
	Self-timer	Select <b>10 sec</b> , <b>5 sec</b> , <b>2 sec</b> or <b>Off</b> .
	Video/Audio Encode	Select <b>H.264/AAC</b> or <b>MPEG4/AMR</b> .

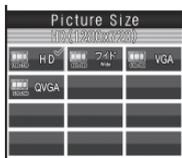
## Changing Settings

Example: Picture Size (shooting size)

### 1 In Video Viewfinder, ➔



### 2 *Picture Size* ➔



### 3 *Select size* ➔

- Viewfinder returns.
- For some settings, current status appears in their indicators.

## Saving Changed Settings

Save changed settings as My Video Camera and load them as needed.  
Change settings beforehand.

### Saving as My Video Camera

### 1 In Video Viewfinder, ➔ *Simple Setting* ➔

### 2 *My Video1 Regist* or *My Video2 Regist* ➔

- Settings are saved as My Video Camera.

### Overwriting Saved My Video Camera After 2, Yes ➔

## Using My Video Cameras

### 1 In Video Viewfinder, ➔ *Simple Setting* ➔

### 2 *Select My Video Camera* ➔

## Opening Saved Images from Album

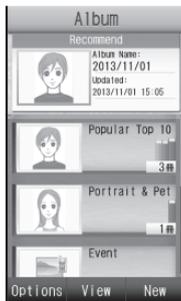
### Basics

Handset sorts saved images (photos and videos) into up to 500 albums of the following preloaded categories automatically; create original albums as needed.

<b>Portrait &amp; Pet</b>	Stores portraits (sorted into albums by registered face) and images containing detected pets.
<b>Event</b>	Stores images sorted into albums by period scheduled in Calendar.
<b>By Camera</b>	Stores images sorted into albums by Camera mode.
<b>By Date</b>	Stores images sorted into albums by captured date.

### Album Images & Source Files

- Album stores only file locations. (Source files are saved in Data Folder.) Images disappear from Album if source files are deleted.



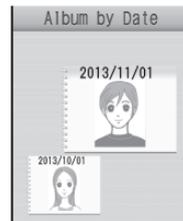
A single image may be sorted into multiple categories (e.g., a portrait captured with a specific Camera is stored in **By Camera** and **Portrait & Pet**). In addition, a single image with multiple registered faces will be stored in each subject's album in **Portrait & Pet**.

### Opening Albums



Album Window

- **Recommend** shows a recently updated album.
- **Popular Top 10** stores ten most frequently opened albums.



Album List

- Albums within appear.

### 3 Select album →



Image List

### 4 Select image

### 5

- Image appears.
- For Rapid Shooting Camera and Three-Shot Camera albums, images appear sequentially (Continuous Slide); Press  to stop.

#### Opening Latest Album

After  

#### Slideshow (Photos)

After , select album →  → *Slide Show* → 

## Creating Original Albums

Create new albums by selecting sort keys (from Portrait & Pet, Event and By Camera) and specifying date and time. To create an album by selecting sort keys from Portrait & Pet and By Camera:

### 1 In Album window, → *Create Original Album* →



### 2 *Choose Portrait & Pet* →

### 3 *Select entry* →

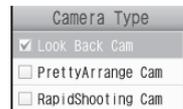


- Repeat  to complete selection.

### 4

### 5 *Select Camera type* →

### 6 *Select Camera* →



- Repeat  to complete selection.

### 7

### 8 *Create Album* →

### 9 *Enter name* →

### 10 *Yes* →

#### Previewing Created Album

After , *Album Preview* → 

- To return, Press .

#### Editing Sort Keys

[Album List] *Select album* →  → 

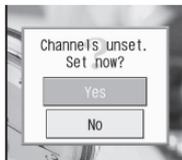
*Edit Auto Sort Keys* →  → *Select item* →  → *Edit* → 

- For items other than *Select Date/Time*, Press  again.

## Area Setup

When activating TV for the first time, set up channels by area. (TV is exclusively for use in Japan.)

1 



• Setup confirmation appears.

2 Yes



3 Select region

4 Select prefecture  →  →  
Select locality



• After setup, channel list appears.

5



• To watch TV, select **TV** and Press .

### Watching TV without Completing Area Setup

In , No Preference  →

#### Adding Reception Areas

 →  → Set Channels  →

Change Area  → Select Area

 → Set Area Info  →  From 

### TV Antenna

TV Antenna is located behind Display. Check signal strength indicator and move handset to find best reception. (More bars indicate stronger signal.)

Signal Strength Indicator

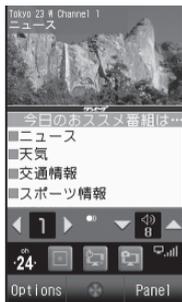


Antenna Area

## Watching TV

Complete Area setup (P.8-1) first.

1 



TV Window

2 **Use Dialpad to select channel**

- Use  to surf channels in list order; Long Press to find channel with stable signal automatically.

3  ➔ **Yes** ➔  ➔ **TV ends**

### Incoming Calls

- Press  to answer calls.

### When Answering Voice Calls with Memory Card Inserted

- Current program is temporarily recorded; start playback after the call. (Time Shift)

### Incoming Messages

- Tone sounds and notice appears. Long Press  to access messages.

### Important TV Usage Notes

- Do not use TV while driving or cycling. Accidents may result. Phone use while driving is prohibited by the Road Traffic Law (revised November 1, 2004). When walking, always pay attention to your surroundings, especially near road/rail crossings, etc.
- When using TV while charging Battery, separate AC Charger cord and TV Antenna to avoid interference.
- Call transmissions, incoming messages or mobile phone use in the immediate vicinity may affect audiovisual quality.
- Programs may not be viewable or record properly when:
  - Too far from or too close to broadcasting stations
  - In mountainous areas or near tall buildings
  - Aboard trains or in moving vehicles
  - Near high-voltage lines, neon lights or wireless base stations
  - Near railroad tracks or highways
  - Anywhere interfering signals are broadcast/reception is unstable

### Widescreen

While watching TV or playing recorded programs, rotate handset 90 degrees; TV orientation changes accordingly.

### Multi Selector

Multi Selector functions change with TV orientation.

Rotate 90 degrees counterclockwise



 (up/down)

 (left/right)



Rotate 90 degrees clockwise

## Main TV Window Operations

### Handset Keys

Toggle Panel On/Off	
Change Area	
Volume Control	
Toggle Display Size (portrait)	

### Touchscreen

Switch Channel	Drag left/right across TV image ➔ Tap channel
Volume Control	Drag up/down across TV image.
Toggle View	Tap TV image.
Change Display Size	Pinch/Spread across TV image <sup>1</sup> .
Change Data Broadcast View	Pinch/Spread across Data Broadcast area <sup>1</sup> .
Change Area	Tap Area name ➔ Tap Area <sup>2</sup>

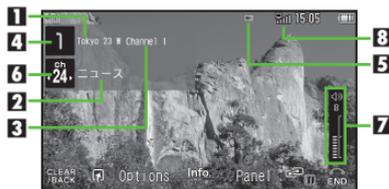
<sup>1</sup> Available in portrait view.

<sup>2</sup> Available in landscape view.

### Using Options Menu with Touchscreen

- Tap **Options**, then Tap menu items to proceed.

## Panel Layout

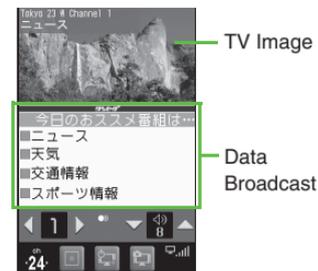


1 Area Name	5 Sound Channel
2 Program Name	6 Channel
3 Station Name	7 Volume
4 Channel Key	8 Signal Strength

Indicator position varies with Display content, etc.

## Data Broadcast (Japanese)

In portrait view, Data Broadcast appears below TV image. Use to select an item and Press to access program-related information and interactive services.



Data Broadcast Window

### Data Broadcast Fees

- Data Broadcast information viewing is free; however, using data links/related services incurs Internet connection fees.
- Confirmation appears the first time a fee-based Network connection is established from a channel; if accepted, further Network connections are established without confirmation until the channel is changed.

## Recording Programs

Recorded content is saved to handset (or Memory Card, if inserted).

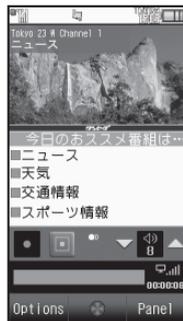
### Precautions

- Saved files cannot be forwarded or attached to messages.
- Handset encryption technology prevents unauthorized copying or playback of Memory Card files. Files copied from Memory Card to other cards on PC are unplayable.
- Copyright laws limit duplicated material to private use only, and prohibit unauthorized reproduction/other use.
- SoftBank Mobile Corp. is not liable for any damages resulting from accidental loss or alteration of recorded content.

### Dubbing 10

- Handset supports Dubbing 10 copy protection scheme that allows recordings to be copied from handset to Memory Card. Open file properties for remaining copy count.

### 1 In TV window, (Long Press) ➔ Recording starts



Recording Window

- Changing Volume, etc. does not affect recordings.
- When Notification Lamp flashes, reception is poor; change location to where Notification Lamp illuminates green (moderate) or blue (strong).

### 2 (Long Press) ➔ Recording ends

### Using Touchscreen

- Tap  to start recording. To stop, Tap .
  - In landscape view, Touch & Hold **Hold** . (To stop, Touch & Hold **Hold** .)

### Chase Play (Playing while Recording)

- Watch a program from the beginning while recording it on Memory Card.
  - [Recording Window]  ➔ **Rec./TimeShift**  ➔ **Time Shift Play**  ➔ **Playback starts**  (Long Press) ➔ **Playback stops**
    - To start playback using Touchscreen, Tap **Options** ➔ **Rec./**  ➔ **Play**. To stop, Touch & Hold **Hold** .

### Memory/Battery Runs Low or Video Call is Accepted

- Recording stops. (Recorded content is saved.)

### Saving Files from the Internet while Recording

- While recording programs to handset, confirm memory status before saving files.

## Playing Recorded Programs

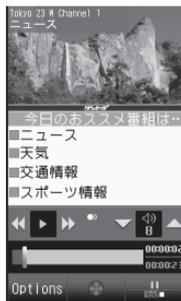
- 1 In TV window,   **TV Player** 



Video List

- Files with  are unplayable.

- 2 Select file 



Playback Window

- Playback starts. (The last played file plays from where it stopped.)

- 3  (Long Press)  **Playback stops**

### Switching Video Lists

After 1,   **Change to Phone or Change to MemoryCard** 

### Main Playback Operations

Adjust Volume or change Display size following the same operations used while watching TV.

### Handset Keys

Rewind/Fast Forward	 1, 2 /  1
Skip (Forward/Backward)	 / 
Pause <sup>3</sup>	 (  in portrait view)
Set Marker	 <sup>4</sup>
Toggle Panel On/Off	

<sup>1</sup> Each Press increases speed. To resume normal playback, Press  ( in landscape view).

<sup>2</sup> Long Press to replay. (Available when no Marker is saved.)

<sup>3</sup> In pause, use  to reverse/advance frame.

<sup>4</sup> Not available during Time Shift playback. Long Press to split file.

### Touchscreen

Rewind	Drag left across TV image <sup>1</sup> .
Fast Forward	Drag right across TV image <sup>1</sup> .
Pause	Tap <b>Pause</b>  <sup>2</sup> .
Stop Playback	Touch & Hold <b>Hold</b>  .
Skip to Any Point	Drag slider.
Toggle View	Tap TV image.
Change Display Size	Pinch/Spread across TV image <sup>3</sup> .
Change Data Broadcast View	Pinch/Spread across Data Broadcast area <sup>3</sup> .

<sup>1</sup> Release to resume normal playback.

<sup>2</sup> In pause, Drag left/right across TV image to reverse/advance frame.

<sup>3</sup> Available in portrait view.

## TV Timer & TV Recording Timer

- 1 In TV window,  ➔ *Rec./TimeShift* ➔ 
- 2 *Reservation List* ➔ 
- 3  ➔ *New Entry* ➔ 
- 4 *Watching or Recording* ➔ 
- 5 Enter start date/time ➔   
➔ Enter end date/time ➔ 
- 6 *Channel:* ➔  ➔ *Select channel* ➔  ➔ 
  - If a message appears, read and then Press .

### Recording Timer Precautions

Confirm target channel reception; keep handset open.

- End all active functions/applications.
- Confirm Battery charge and memory status.

### At Timer Time (TV Alarm Time)

TV and Alarm activate.



Signal reception starts slightly before the Timer start time and program recording/viewing ends a few seconds after the Timer end time.

### While Using Another Function

- TV activates (Multi Job) and target program recording/viewing starts. If Multi Job cannot activate in the current state, TV may remain off, or the current function may end automatically (unsaved images, messages, contacts, etc. may be deleted). End all active functions/applications before Timer time.

## Media Player Basics

Use Media Player to play music/videos on handset.

- Download media files from the Internet, or transfer files from PCs or AQUOS Blu-ray Disc recorders.
- Transfer PC music files and save them on Memory Card.

### Music File Support

#### My Music

(Handset/Memory Card)  
Downloads/Transferred Files

#### SD AUDIO

(Memory Card)  
Transferred SD-Audio Files

#### WMA\*

(Memory Card)  
Transferred WMA Files

\*Copy-protected WMA files are not supported.

### Video File Support

#### My Videos

(Handset/Memory Card)  
Downloads/Recorded Files

#### Recorder Contents/ SD VIDEO

(Memory Card)  
Transferred SD-Video Files

### Playback Precautions

- Media Player may not support some recording/playback formats. Files may not play depending on Memory Card status.
- Playback stops for incoming calls.
- If Battery is low, Media Player does not play. Playback stops if Battery runs low during playback.
- Turn down Volume if distortion is noticeable in Speaker sound.
- Handset plays media while it downloads (progressive download). Packet transmission fees apply even while playback is paused.

### Compatibility

- Files transferred from PCs cannot be used as ringtones or System Sounds.

## Saving Music Files from PCs

- Use software to convert music file format.
- For software usage and specifications, see the provider's website, etc.
- SoftBank Mobile Corp. does not guarantee compatibility with any software.
- USB Cable may be purchased separately.
- Install USB Cable driver beforehand. See **P.6-9** "Utility Software (Japanese)."

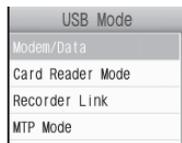
### Handling Transferred Files

- Copyright laws limit duplicated material to private use only.
- Files created with PC software, etc. may not play.
- Comply with copyright and other intellectual property laws when using obtained files.

## Saving WMA Files

Save WMA files using compatible software.

### 1 Connect handset to a PC with USB Cable



### 2 MTP Mode →

- Copy music from PC. Refer to the software's help menu for operational instructions.

### 3 → Yes → →

#### Connection ends

- Disconnect USB Cable.

#### If Menu in 1 Does Not Appear

→ **Tools** →  →  **Connectivity**  
 → **USB Mode** →  → **From 2**

- Operations on the PC may be required; if prompted, follow onscreen instructions.

## Playing Music

1 → **Media** →

2 **Music** →

3 **My Music** → → **Select**  
tab (folder)



Music Playlists Window

4 **All Music** →

5 **Select file** →



Music Playback Window

- Album art appears for compatible Chaku-Uta Full® files. (WMA album art is not supported.)

### Using Other Functions while Playing Music

After , or

- To stop playback in Standby:

→ **Yes** →

### Playing SD AUDIO or WMA Files

In , **SD AUDIO** or **WMA** →

From

### Searching for Music Files

After , → **Search** → → Enter  
search text →

### Lyric Display-Compatible Files

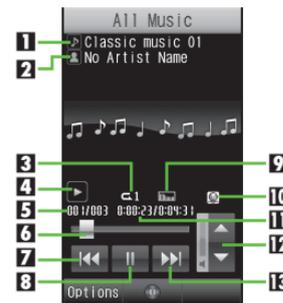
- Press to view lyrics.

### Main Music Playback Operations

<b>Replay</b>	 (Long Press: Rewind*, Double Press: Skip Backward)
<b>Skip Forward</b>	 (Long Press: Fast Forward*)
<b>Volume Up or Cancel Mute</b>	
<b>Volume Down</b>	 (Long Press: Mute)
<b>Pause</b>	
<b>Stop</b>	In Pause,
<b>Open Help</b>	

Release for playback.

### Music Playback Window Layout



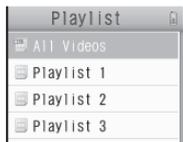
<b>1</b> Title	<b>8</b> Pause
<b>2</b> Artist Name	<b>9</b> Sound Effects
<b>3</b> Playback Mode	<b>10</b> Information Link
<b>4</b> Status	<b>11</b> Elapsed Time
<b>5</b> Track Number	<b>12</b> Volume Control
<b>6</b> Playback Slider	<b>13</b> Skip Forward
<b>7</b> Replay	

## Playing Videos

1 → **Media** →

2 **Videos** →

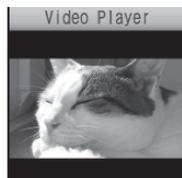
3 **My Videos** → → **Memory Card or Phone Memory** →



Video Playlists Window

4 **All Videos** →

5 **Select file** →



Video Playback Window

6 → **Playback stops**

### Playing SD VIDEO Files

In , **SD VIDEO** → →

### Searching for Video Files

After , → **Search** → → Enter search text →

### At Alarm Time

- Playback pauses.

### Videos Recorded on Other Devices

- Videos may appear rotated.

### Main Video Playback Operations

For Volume up/down, pause or help, see P.8-9 "Main Music Playback Operations."

<b>Fast Forward/Rewind</b>	
<b>Slow Motion Playback</b>	In Pause,
<b>Advance/Reverse Frame</b>	In Pause,
<b>Replay</b>	(Long Press)
<b>Skip Forward/Backward</b>	
<b>Toggle View</b>	(Interface On/Off) (Display Size) (Aspect)

\*Each Press increases speed.

### Video Playback Window Layout



<b>1</b>	Title	<b>6</b>	Elapsed Time
<b>2</b>	Author Name	<b>7</b>	Volume
<b>3</b>	Clip Number	<b>8</b>	Information Link
<b>4</b>	Status	<b>9</b>	Sound Effects
<b>5</b>	Playback Mode	<b>10</b>	Pause

## Using Playlists

Playlists store music/videos in a playback order. Add favorite media files to Playlists, or organize files by artist/genre.

- Playlists store only file locations. Source files remain in All Music or All Videos.
- Music or Ring Songs-Tones subfolders containing music files appear in Playlists window; select a folder to play the files within it.

### Adding to Playlist

To add a music file to **プレイリスト1**:

- 1  ➔ **Media** ➔
- 2 **Music** ➔
- 3 **My Music** ➔



Playlists Window

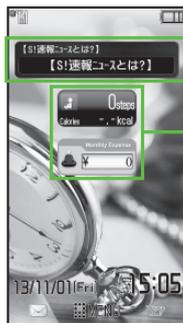
- 4 **All Music** ➔  ➔ **Select file** ➔
- 5 **Add to Playlist** ➔  ➔ **プレイリスト1** ➔

### Renaming Playlists

- 1 In Playlists window, select **Playlist** ➔
- 2 **Edit List Title** ➔  ➔ **Enter name** ➔

## Customizing Standby Display (Japanese)

Paste various widgets (applications) to Standby to access/activate information/ functions immediately from Standby.



S! Quick News

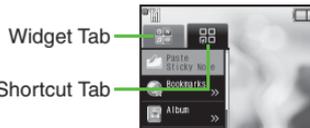
Widgets

Widgets pasted

### Saving Widgets to Standby

Save up to three widgets (excluding *S!速報ニュース*, *歩数計* and *家計簿*).

1 → → → **Paste Icon** →



2

3 **Select widget** →

• Corresponding icon appears.

4 **Specify target location**

→

### Using Widgets

1 → **Select widget** →



• Widget activates; follow onscreen instructions.

### Unlocking Widgets Temporarily

→ → → **Enter Handset**  
Code →

## Removing Widgets from Standby

- 1  ➔  **Select widget** ➔ 



- 2 **Remove** ➔ 

## Activating Widgets

- 1  ➔ **Widget** ➔ 



- 2 **Widget Contents** ➔ 

- 3 **Select widget** ➔ 

- 4 

### Installing Widgets

- Some widgets may need to be installed manually as follows:

[Mobile Widget Menu] **Widget Contents** ➔  ➔ **Select widget** ➔

 ➔ **Install** ➔  ➔ **Yes** ➔  ➔ 

## Deleting Widgets

- 1 In Mobile Widget menu, **Widget Contents** ➔ 

- 2 **Select widget** ➔ 
  - S/速報ニュース*, *歩数計* and *家計簿* cannot be deleted.

- 3 **Delete** ➔  ➔ **Yes** ➔ 

### Deleting All Widgets

In 2,  ➔ **Delete All** ➔  ➔ **Yes** ➔ 

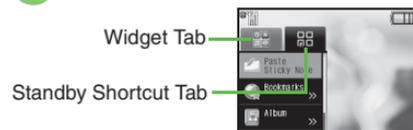
- If there is a widget saved in Standby, confirmation appears; follow onscreen prompt.

## Standby Shortcuts

Paste shortcuts to functions, files, folders, etc. to Standby for easy access.

### Saving Shortcuts to Standby

1  →  → **Paste Icon** → 



2 In Standby Shortcut tab, select item → 

- Corresponding shortcut appears.
- >> appears when more items are available.

3  Specify target location → 

### Saving Shortcuts from Menu/Window

Open Options menu → **Set as StbyShortcut** →  → **Standby Screen** → 

- **Set as StbyShortcut** may not appear for some items.

### Using Shortcuts

1  →  **Select shortcut** → 

- Menu/window opens or command is executed.

### Unlocking Shortcuts Temporarily

 →  →  → **Enter Handset Code** → 

### Removing Shortcuts from Standby

1  →  **Select shortcut** → 

2 **Remove** → 

## Icon View

Save icons of functions, files, folders, widgets, etc. to Icon View for easy access.

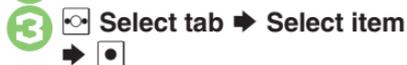
### Saving Shortcuts to Icon View

- If selected page is full, remove icons first.
- Icons of installed widgets are saved automatically.



Icon View Page

- Press or to open next or previous page. (Press in **Page 1** to return to Standby.)



- Corresponding icon appears.
- >> appears when more items are available.



**Saving Icons from Menu/Window**  
Open Options menu → **Set as StbyShortcut** → → **Select page or New Page** → → **Specify target location**

- **Set as StbyShortcut** may not appear for some items.

#### When Five or More Pages Exist

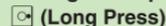
- Confirmation appears after 1. Choose **Yes** or **No** and Press .
- To disable confirmation thereafter, Press .

### Using Shortcuts



- Press or on Icon View page to open next or previous page. (Press in **Page 1** to return to Standby.)

#### Accessing Last Opened Page



#### Showing Hidden Icons Temporarily



### Removing Shortcuts



## Customer Service

For SoftBank handset or service information, call General Information. For repairs, call Customer Assistance.

### ■ SoftBank Customer Support

#### General Information

From a SoftBank handset, dial toll free at **157**  
 From a landline/IP phone, dial toll free at **0800-919-0157**

#### Customer Assistance (Repairs/Lost Handsets)

From a SoftBank handset, dial toll free at **113**  
 From a landline/IP phone, dial toll free at **0800-919-0113**

If you cannot reach a toll free number, use the number (charges apply) below for your service area:

Hokkaido Area Tohoku Area Hokuriku Area Kanto & Koshinetsu Area	022-380-4380	Tokai Area	052-388-2002
Kansai Area	06-7669-0180	Chugoku Area Shikoku Area Kyushu & Okinawa Area	092-687-0010

### ■ SoftBank Mobile Global Call Center

From outside Japan, dial **+81-92-687-0025** (toll free from SoftBank handsets)  
 If handset is lost/stolen, call this number immediately (international charges apply)

### ■ SoftBank Mobile Website

<http://www.softbank.jp/en/mobile/>

## Software Updates

Check for firmware updates and download as required.

### Precautions

- Handset is disabled until update is complete. Update may take up to approximately 30 minutes.
- Confirm signal strength and Battery charge beforehand. Update failure may disable handset.
- Update does not start if another function is in use. Before updating software (or before scheduled update time), end all active functions/applications.
- Disconnect USB Cable beforehand to reduce failure risk.
- Back up important information before updating software. SoftBank Mobile Corp. is not liable for loss or associated damages.

### Software Updates

Packet transmission fees do not apply to updates (including checking, downloading and overwriting).

1  ➔ **Settings** ➔  ➔   
**Phone** ➔ **Software Update** ➔ 

2 **Software Update** ➔ 

**Software Update**  
 Update software in a place where signal conditions are strong/stable. All incoming and outgoing signals will be disabled for the duration of this update.  
 Continue?

3    
 • Follow onscreen instructions.

### Update Result

In 2, **Update Result** ➔ 

### Scheduled Update (Japanese)

SoftBank Mobile Corp. sends update notice to handset; read and change preset update schedule as needed. Confirmation appears at scheduled update time. Press  or wait a while for update to start.

### When Updated

Update success notification appears and handset reboots.

After reboot, completion message appears and Information window opens.

### Update Result

**While Information window is open,**  
**Update Result** ➔ 

### Reboot Failure

- If handset does not reboot after update, reinsert Battery and try powering on. If it still does not power on, contact SoftBank Customer Support, Customer Assistance (P.9-1).

## Safety Precautions

Read Safety Precautions before using handset.

- Observe precautions to avoid injury to self or others, or damage to property.
- SoftBank Mobile Corp. is not liable for any damages resulting from use of this product.

**These labels show degree of risk from improper use; learn them before reading on:**

 <b>DANGER</b>	<b>Great risk of death or serious injury</b>
 <b>WARNING</b>	<b>Risk of death or serious injury</b>
 <b>CAUTION</b>	<b>Risk of minor injury or damage to property</b>

**These symbols signify prohibited/compulsory actions; learn them before reading on:**

 Prohibited	<b>Prohibited actions</b>
 Do Not Disassemble	<b>Disassembly prohibited</b>
 Avoid Liquids Or Moisture	<b>Exposure to liquids prohibited</b>
 Do Not Use Wet Hands	<b>Use with wet hands prohibited</b>
 Compulsory	<b>Compulsory actions</b>
 Disconnect Power Source	<b>Unplug from outlet</b>

### Handset, Battery, USIM Card, Desktop Holder, Charger (Optional Accessory) & Memory Card (Optional Accessory)

## DANGER

#### Use specified Battery, Desktop Holder and Charger only.

Non-specified equipment use may cause Battery to leak, overheat, burst or ignite, and may cause Charger to overheat, ignite, malfunction, etc.



Compulsory

#### Do not disassemble, modify or solder handset or related hardware.

May cause fire, injury, electric shock or malfunction. Battery may leak, overheat, burst, ignite, etc.

Modifying handsets is prohibited by the Radio Law and subject to penalty.



Do Not Disassemble

#### Do not expose internal handset parts, Battery, Desktop Holder or Charger to liquids.

Do not let exposed internal parts remain wet; do not charge wet Battery. May cause overheating, electric shock, fire, injury or malfunction. Use only as directed.



Avoid Liquids Or Moisture

Do not charge, use, or leave handset or related hardware in extreme heat (fire, heat sources, direct sunlight, inside vehicles, etc.). Do not charge, leave, use, or be carrying handset or related hardware in a warm place or where heat collects, such as under a kotatsu (blanketed warming table) or electric blanket, next to a kairo (worn warming patch), etc. May cause warping/malfunction; Battery may leak, overheat, ignite or burst. Handset or related hardware may become hot to the touch, leading to burns or other problems.



Prohibited

#### Do not force Battery/Charger into handset. Check terminal/connector orientation; retry.

Battery may leak, overheat, burst, ignite, etc.



Prohibited

## WARNING

#### Do not place handset, Battery, Desktop Holder or Charger in/on ovens, microwave ovens, pressure cookers, induction stoves or other cooking appliances.

Battery may leak, overheat, burst or ignite. Handset, Desktop Holder or Charger may overheat, emit smoke, ignite, malfunction, etc.



Prohibited

#### Keep handset off and Charger disconnected near gas stations or places with fire/explosion risk.

Handset use near petrochemicals or other flammables may cause fire/explosion; power off before using Osaifu-Keita<sup>®</sup> at gas stations (cancel IC Card Lock beforehand).



Compulsory

#### Do not drop/throw or subject to strong impact.

Battery may leak, overheat, burst or ignite, resulting in fire, electric shock, malfunction, etc.



Prohibited

#### For unusual sound/odor, smoke or other abnormality:

Continued use may cause fire, electric shock, etc.; grasp plug to disconnect Charger, power off, then remove Battery, being careful not to burn or injure yourself.



Compulsory

#### Keep liquid (water, pet urine, etc.) or conductive material (pencil lead, metal strip/jewelry, etc.) away from charging terminals and External Device Port.

May cause short-circuiting, resulting in fire, malfunction, etc.



Prohibited

## Safety Precautions

**Never charge Battery while handset is wet.**

May cause fire, malfunction, burns, etc. due to electric shock or short-circuiting.



Prohibited

**Do not expose handset or related hardware to hot air from dryers or other sources to dry them or for other purposes. Avoid saunas or hot water.**

Battery may leak, overheat, burst or ignite. Handset, Desktop Holder or Charger may overheat, emit smoke, ignite, malfunction, etc.



Prohibited

## CAUTION

**Do not place handset or related hardware on unstable surfaces.**

Handset or related hardware may fall, resulting in injury, malfunction, etc.; take added care when Vibration is set or while charging.



Prohibited

**Keep handset and related hardware away from infants and pets.**

Infants and pets may choke from swallowing handset or related hardware or be injured, etc.



Compulsory

**For use of handset/related hardware by child, explain instructions and supervise use.**

Misuse may cause injury or other problems.



Compulsory

## Battery

### DANGER

**Read Battery label to confirm battery type; use/dispose of Battery accordingly.**

Symbol on Label	Battery Type
Li-ion00	Lithium-ion

**Do not dispose of Battery in fire.**

Battery may leak, burst, ignite, etc.



Prohibited

**Do not damage (nail, hammer, stomp, etc.) Battery or subject it to strong impact.**

Battery may leak, overheat, burst, ignite, etc.



Prohibited

**Keep wire or other metal objects away from Battery terminals. Do not carry/store Battery with conductive material (pencil lead, metal strip/jewelry, etc.).**

Battery may leak, overheat, burst, ignite, etc.



Prohibited

**If battery fluid gets in eyes, do not rub; rinse with clean water and consult a doctor immediately.**

Eyes may be severely damaged.



Compulsory

## WARNING

**If battery fluid contacts skin or clothes, discontinue handset use and rinse with clean water immediately.** May cause skin damage.



Compulsory

**If charging continues even after specified Charging Time, stop it.** Battery may leak, overheat, burst, ignite, etc.



Compulsory

**For abnormal odor, excessive heat, discoloration or distortion, remove Battery, being careful not to burn or injure yourself. Avoid sources of flame.**

Continued use may cause Battery to leak, overheat, burst, ignite, etc.



Compulsory

**Do not let your pet bite Battery; if this occurs, do not use that Battery.** Pet bites may cause Battery to leak, overheat, burst or ignite. May cause handset/related hardware to malfunction, or fire may result.



Compulsory



## CAUTION

### Do not dispose of an exhausted Battery with ordinary refuse.

Tape over Battery terminals before disposal. Take Battery to a SoftBank Shop, or follow the local disposal regulations.



Prohibited

### Handset



## WARNING

### Do not use handset while driving or cycling.

Accidents may result. Phone use while driving or cycling is prohibited by law and subject to penalty; park legally beforehand.



Prohibited

### Power off near electronic devices that employ high precision control systems or weak signals.

May cause electronic malfunctions or other problems. Take added care near these devices:  
Hearing aids, implanted pacemakers/defibrillators and other electronic medical equipment; fire alarms, automatic doors and other automatic control devices.



Compulsory

### Power off before boarding aircraft to avoid possible radio wave interference with aircraft operations.

If mobile phone use is allowed on board, follow airline instructions regarding handset use.



Compulsory

### Users with a heart condition should adjust ringtone Vibration and Volume as needed.

May cause heart damage.



Compulsory

### If thunder is audible while outdoors, power off; find cover.

There is a risk of lightning strike or electric shock.



Compulsory

### Do not look into Infrared Port during Infrared transmissions.

Eyesight may be affected.



Prohibited

### Do not shine Mobile Light in eyes.

May temporarily affect eyesight or startle, leading to accidents.



Prohibited



## CAUTION

### Do not use handset when it may affect a vehicle's electronic equipment.

Handset use inside vehicles may cause electronic equipment to malfunction, resulting in accidents.



Prohibited

### For any skin irritation associated with use, discontinue use and consult a doctor.

Metal and other materials may cause skin irritation, rashes, or itchiness depending on your physical condition.



Compulsory

### Keep handset away from magnetic items (e.g., magnetic cards).

Data on bank cards, credit cards, telephone cards, floppy disks, etc. may be lost.



Prohibited

### Check there is ample space for Motion Control use; hold handset firmly and shake it gently.

Handset may slip, resulting in injury or breakage.



Prohibited

### Do not swing handset by Strap.

May harm self or others; Strap may break, resulting in injury or handset malfunction/breakage.



Prohibited

## Safety Precautions

**Handset may become hot while in use, especially in high temperatures.** Prolonged contact with skin may cause burns.



Compulsory

**Always maintain some distance from Speaker while ringtones, music or other handset sounds play.** Excessive volume may damage ears or hearing.



Prohibited

**Keep fingers, Straps, etc. outside when opening/closing handset.** May cause injury, breakage, etc.



Compulsory

**Watch TV from a distance in good light.**

Watching in poor light or too close may affect eyesight.



Compulsory

**Moderate handset Volume when using Headphones.**

Excessive volume may damage ears or hearing.



Compulsory

## Desktop Holder & Charger (Optional Accessory)



## WARNING

**Do not cover/wrap Charger while charging.**

Charger may overheat, resulting in fire, malfunction, etc.



Prohibited

**Use only the specified voltage.**

Non-specified voltages may cause fire, malfunction, etc.



Prohibited

- AC Charger: AC 100 V - 240 V Input
- In-Car Charger (use in negative earth vehicles only): DC 12 V/24 V Input

Do not use power adapters.

Transformer use may cause fire, electric shock or malfunction.

**Unplug Charger for periods of disuse; grasp plug to disconnect.**

May cause electric shock, fire or malfunction.



Disconnect Power Source

**Use only the specified fuse for In-Car Charger.**

Non-specified fuse may cause fire or malfunction. See In-Car Charger manual for details.



Compulsory

**If liquid (water, pet urine, etc.) gets inside, grasp plug to disconnect it immediately.**

May cause electric shock, smoke or fire.



Disconnect Power Source

**To remove debris, grasp plug to disconnect Charger, then clean with a dry cloth.**

Fire may result.



Compulsory

**Do not use In-Car Charger in positive earth vehicles.**

May cause fire or other problems. Use in negative earth vehicles only.



Prohibited

**Plug Charger firmly into the outlet, keeping the plug, Charger terminals and Desktop Holder terminals away from conductive material (pencil lead, metal strip/jewelry, etc.).**

May cause electric shock, short-circuiting, fire, etc.



Compulsory

**Do not touch plug with wet hands.**

May cause electric shock, malfunction, etc.



Do Not Use Wet Hands

**Do not touch Charger if thunder is audible.**

May cause electric shock or other problems.



Prohibited

**Do not use Desktop Holder inside vehicles.**

Extreme temperature or vibration may cause fire or malfunction.



Prohibited

**Do not use Desktop Holder or Charger in high humidity or near water (in bathrooms, shower rooms, etc.).**

May cause fire, electric shock or malfunction.



Prohibited

## CAUTION

**Grasp plug to disconnect Charger before cleaning.**

May cause electric shock or other problems.



Disconnect  
Power Source

**Always grasp plug (not cord) to disconnect Charger.**

Pulling plug by cord may damage cord and cause electric shock, fire, etc.



Compulsory

**Do not subject Charger to strong impact while it is plugged in.**

May cause malfunction or injury.



Prohibited

**Do not touch charging terminals of Desktop Holder while it is connected to the outlet.**

May cause burns.



Prohibited

## Handset Use & Electronic Medical Equipment

This section is based on "Guidelines on the Use of Radio Communications Equipment such as Cellular Telephones and Safeguards for Electronic Medical Equipment" (Electromagnetic Compatibility Conference, April 1997) and "Guidelines to safeguard implanted medical devices against radio emissions from the use of radio equipment" (Ministry of Internal Affairs and Communications, January 2013).

## WARNING

**Persons with implanted pacemaker/defibrillator should keep handset more than 15 cm away.**

Radio waves may interfere with implanted pacemakers or defibrillators.



Compulsory

**Before using electronic medical equipment other than implanted pacemaker/defibrillator outside medical facilities, consult the vendor on radio wave effects.**

Radio waves may interfere with electronic medical equipment.



Compulsory

**Observe these rules inside medical facilities to avoid effects of radio waves on electronic medical equipment:**

- Do not enter an operating room or an Intensive or Coronary Care Unit while carrying a handset.
- Keep handset off in hospitals.
- Even in lobbies or other places where mobile phone use is permitted, keep handset off near electronic medical equipment.
- Obey medical facility rules on mobile phone use.



Compulsory

**If it may not be possible to keep handset 15 cm away from other persons (e.g., in a crowded situation where you cannot move freely), suspend signal-transmitting functions (e.g., by activating Offline Mode) or power off beforehand. Persons with implanted pacemaker/defibrillator may be near.**

Radio waves may interfere with implanted pacemakers or defibrillators causing such devices to malfunction.



Compulsory

## General Notes

### General Use

- SoftBank Mobile Corp. is not liable for any damages resulting from accidental loss/alteration of handset/Memory Card files or settings. Keep a separate copy of contacts and other important information.
- Handset transmissions/TV reception may be disrupted inside buildings, tunnels or underground, or when moving into/out of such places; may affect calls or TV images.
- Use handset without disturbing others.
- Handsets are radios as stipulated by the Radio Law. Under the Radio Law, handsets must be submitted for inspection upon request.
- Handset use near landlines, TVs or radios may cause interference.
- For proper usage of Memory Card, read the manual beforehand.
- **Beware of eavesdropping.**  
Because this service is completely digital, the possibility of signal interception is greatly reduced. However, some transmissions may be overheard.
- **Eavesdropping**  
Deliberate/accidental interception of communications constitutes eavesdropping.
- Beware of harmful/malicious websites. Take added care when posting personal information.

- An export license may be required to carry handset into other countries if it is to be used by or transferred to another person. However, no such license is required when taking handset abroad for personal use on a vacation or business trip and then bringing it back. Export control regulations in the United States provide that an export license granted by the US government is required to carry handset into Cuba, Iran, North Korea, Sudan or Syria.

### Handset & Hardware Care

- If handset is left with no Battery inserted or an exhausted one, data may be altered/lost. SoftBank Mobile Corp. is not liable for any resulting damages.
- Use handset within 5°C - 35°C (up to 40°C for brief periods in bathrooms, shower rooms, etc.) and 35% - 90% humidity.
- Avoid extreme temperature or direct sunlight.
- Handset/Battery may become warm during operation or while charging. This is normal.
- Warranty does not cover malfunctions resulting from misuse.
- Exposing Camera area to direct sunlight may damage Color Filter and affect image color.
- Battery may not charge properly if Port/terminals are obstructed by dust, debris, etc. Clean with a dry cloth, cotton swab, etc.
- When cleaning charging terminals of Desktop Holder, take care not to damage them or touch them with your fingers.
- Clean handset with a soft dry cloth. Alcohol/solvent use may fade color/print.
- Avoid scratching Display.
- Avoid heavy objects or excessive pressure. May cause malfunction or injury.
  - Do not sit on handset in back pants pocket.
  - Do not place heavy objects on handset inside handbags, packs, etc.
- Connect only specified products to External Device Port. Other devices may malfunction or cause damage.
- Always power off before removing Battery. If Battery is removed while saving data or sending mail, data may be lost, changed or destroyed.
- Do not power off while using Memory Card; may result in data loss or malfunction.
- When walking outside, moderate handset Volume to avoid accidents.
- Avoid covering Speaker while using handset.

## Bluetooth® Function

SoftBank Mobile Corp. is not liable for any damages resulting from data/information leakage due to use of handset Bluetooth® function.

### ■ Precautions

The frequency band utilized by handset Bluetooth® function is shared with industrial, scientific or medical equipment, including household microwave ovens, and used by radio stations, amateur radio stations, etc. (hereafter "other radio stations").

- 1 Before using Bluetooth®, visually check that no other radio stations sharing the same frequency band are in use nearby.
- 2 Should interference occur between handset and other radio stations, move it to a different location or cancel Bluetooth® function immediately.
- 3 For additional information and support, contact **SoftBank Customer Support, General Information**: From a SoftBank handset, call toll free at 157. To call toll free from a landline/IP phone, see **P.9-1** "Customer Service".

### Frequency Band

This radio station utilizes 2.4 GHz band with FHSS modulation. Maximum transmission radius is 10 meters. It is not possible for the radio station to avoid using the frequency band of a mobile unit identification apparatus.



## Function Usage Requirement

USIM Card must be inserted to use handset.

### Camera

- Mind etiquette when using Camera.
- Test Camera before shooting special moments.
- Do not use Camera in places where shooting is prohibited.
- Shot images may not be used/transferred without copyright holder (photographer) permission, except for personal use.

### In-Call/Transmission Cautions

- During calls/transmissions, calling/transmission charges/fees apply even if other functions or operations are simultaneously in use.
- Transmissions involving JavaScript or Flash® may incur high charges.

### Portrait Rights

Portrait rights protect individuals' right to refuse to be photographed or to refuse unauthorized publication/use of their photographs. Portrait rights consist of the right to privacy, which is applicable to all persons, and the right to publicity, which protects the interests of celebrities. Therefore, photographing others including celebrities and publicizing/distributing their photographs without permission is illegal; use Camera responsibly.

## Copyrights

Copyright laws protect sounds, images, computer programs, databases, other materials and copyright holders. Duplicated material is limited to private use only. Use of materials beyond this limit or without copyright holder permission may constitute copyright infringement, and be subject to criminal punishment. Comply with copyright laws when using images shot with Camera.

The software contained in handset is copyrighted material; copyright, moral right and other related rights are protected by copyright laws. Do not copy, modify, alter, disassemble, decompile or reverse-engineer the software; do not separate it from hardware in whole or part.

### Electromagnetic Safety in Europe

For body-worn operation, this mobile phone has been tested and meets RF exposure guidelines when used with an accessory containing no metal and positioning the handset a minimum 15 mm from the body. Use of other accessories may not ensure compliance with RF exposure guidelines.

### CE Declaration of Conformity

**CE 0168**

Hereby, Sharp Telecommunications of Europe Ltd, declares that 301SH is in compliance with the essential requirements and other relevant provisions of Directive 1999/5/EC. A copy of the original declaration of conformity for each model can be found at the following Internet address: <http://www.sharp.co.jp/k-tai/>

### Battery Cautions

#### Use specified Battery or Charger only.

Non-specified equipment use may cause malfunctions, electric shock or fire due to battery leakage, overheating or bursting.

Do not dispose of an exhausted Battery with ordinary refuse; always tape over Battery terminals before disposal. Take Battery to a SoftBank Shop, or follow the local disposal regulations.

Charge Battery in ambient temperature 5°C - 35°C; Battery may leak/overheat and performance may deteriorate outside this range.

### European RF Exposure Information

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

The guidelines use a unit of measurement known as the Specific Absorption Rate, or SAR. The SAR limit for mobile devices is 2.0 W/kg and the highest SAR value for this device when tested at the ear was 0.409 W/kg\*. As mobile devices offer a range of functions, they can be used in other positions, such as on the body as described in this User Guide\*\*. In this case, the highest tested SAR value is 0.537 W/kg\*\*\*. As SAR is measured utilizing the device's highest transmitting power the actual SAR of this device while operating is typically below that indicated above. This is due to automatic changes to the power level of the device to ensure it only uses the minimum level required to reach the network.

The World Health Organization has stated that present scientific information does not indicate the need for any special precautions for the use of mobile devices. They note that if you want to reduce your exposure then you can do so by limiting the length of calls or using a handsfree device to keep the mobile phone away from the head and body.

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

\*\*Please see "Electromagnetic Safety in Europe" (left) for important notes regarding body-worn operation.

\*\*\*A method of measuring SAR when a mobile phone is used at positions other than at the ear was established in March 2010 through an international standard (IEC62209-2). MIC technical regulation was reported in October 2011 by the Information and Communications Council.

World Health Organization  
<http://www.who.int/emf>

List of Specific Absorption Rates (SAR) for radio waves by 3G model  
<http://www.softbank.jp/mobile/support/sar/>  
(Japanese)

### Headphone Signal Level

The maximum output voltage for Music Player function, measured in accordance with EN 50332-2, is 25.0 mV.

### FCC Notice

- This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions:
  - (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.
- Changes or modifications not expressly approved by the manufacturer responsible for compliance could void the user's authority to operate the equipment.

## FCC 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 antenna.
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.

## 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 organization 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 1.6 W/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 as reported to the FCC when tested for use at the ear is 0.40 W/kg, and when worn on the body in a holder or carry case, is 0.43 W/kg.

Body-worn Operation; This device was tested for typical body-worn operations with the back of the handset kept 1.5 cm from the body. To maintain compliance with FCC RF exposure requirements, use accessories that maintain a 1.5 cm 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 Authorization 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/ea/> after searching on FCC ID APYHRO00177.

Additional information on Specific Absorption Rates (SAR) can be found on the FCC website at <http://transition.fcc.gov/oet/rfsafety/>.

## RF Exposure Information/Specific Absorption Rate\* (SAR) Information

### This mobile phone SoftBank 301SH meets the MIC's\*\*\*\* technical regulation for exposure to radio waves.

The technical regulation<sup>1</sup> established permitted levels of radio frequency energy, based on standards developed by independent scientific organizations through periodic and thorough evaluation of scientific studies.

The regulation employs a unit of measurement known as the Specific Absorption Rate, or SAR. The SAR limit is 2 watts/kilogram (W/kg)<sup>2</sup> averaged over ten grams of tissue.

The limit includes a substantial safety margin designed to assure the safety of all persons, regardless of age and health.

The value of the limit is equal to the international guidelines recommended by ICNIRP<sup>3</sup>.

The highest SAR value for this mobile phone is 0.557 W/kg when tested for use at the ear.

While there may be differences between the SAR levels of various phones and at various positions, all phones meet MIC's technical regulation.

Although the SAR is determined at the highest certified power level, the actual SAR of the phone during operation can be well below the maximum value.

### Use at positions other than at the ear

This mobile phone may be used at positions other than at the ear. By using an accessory such as a belt clip holster that maintains a 1.5 cm separation with no metal (parts) between the body and the mobile phone, this mobile phone will comply with international guidelines for radio wave protection<sup>4</sup> (").

The World Health Organization has announced that "A large number of studies have been performed over the last two decades to assess whether mobile phones pose a potential health risk. To date, no adverse health effects have been established as being caused by mobile phone use."

For more information about SAR, see the following websites:

- Ministry of Internal Affairs and Communications (MIC)  
<http://www.tele.soumu.go.jp/e/sys/ele/body/index.htm>
- Association of Radio Industries and Businesses (ARIB)  
<http://www.arib-emf.org/index02.html> (Japanese)

<sup>1</sup>The technical regulation is provided in Article 14-2 of the Ministry Ordinance Regulating Radio Equipment.

<sup>2</sup>Provided for in "Radio-radiation protection guidelines," reported in 1997 by the Telecommunications Technology Council, Ministry of Posts and Telecommunications.

<sup>3</sup>A method of measuring SAR when a mobile phone is used at positions other than at the ear was established in March 2010 through an international standard (IEC62209-2). MIC technical regulation was reported in October 2011 by the Information and Communications Council.

<sup>4</sup>Ministry of Internal Affairs and Communications

<sup>5</sup>International Commission on Non-Ionizing Radiation Protection

Standards of the Federal Communications Commission (FCC) of the U.S. Government and information from the E.U. are given as information relating to RF exposure. For details, see **P.10-10** "FCC RF Exposure Information" and **P.10-9** "European RF Exposure Information."

## Water & Dust Resistance

### Handset Water/Dust Resistance

Handset complies with IPX5 (former JIS protection level 5)<sup>1</sup> and IPX7 (former JIS protection level 7)<sup>2</sup> water protection standards as well as IP5X (JIS protection level 5)<sup>3</sup> dust protection standard, with External Device Port Cover (hereafter "Port Cover") and Battery Cover closed firmly.

<sup>1</sup>IPX5 compliant means that a handset continues to function as a phone after being subjected to a water jet (approximately 12.5 liters/min.) discharged from a nozzle (inner diameter: 6.3 mm), from all directions (approximately 3 m from handset) for at least 3 minutes.

<sup>2</sup>IPX7 compliant means that a handset continues to function as a phone after being gently submerged to the depth of 1 m in still tap water at room temperature, left there for approximately 30 minutes, then removed from it.

<sup>3</sup>IP5X compliant means that a handset continues to function as a phone and its safety is maintained after being agitated in a device containing dust of 75 µm or smaller in diameter for 8 hours, then removed from the device.

- Water/dust resistance may be affected under some circumstances. Warranty does not cover malfunctions resulting from misuse.
- Handset is compliant with IPX5, IPX7 and IP5X water/dust protection standards. However, ingress of dirt, sand, mud, metal powder, food, beverage, etc. may cause malfunction.

### Handset Care

- Close Battery Cover and Port Cover firmly. Debris (hair, sand, fibers, etc.) trapped between gasket and base may allow ingress of liquid/dust.
- If handset is exposed to liquids with Port Cover or Battery Cover open, they may enter handset and cause electric shock or malfunction. Discontinue use, power off, then remove Battery.
- If handset is wet, wipe it with a dry cloth.
- Do not open/close Battery Cover or Port Cover with wet hands or while handset is wet.
- Handset is only water resistant against fresh/tap water between 5°C - 35°C.

### Precautions

- Do not subject handset to soap, detergent, bath powder/oil, sea/pool/spa water, hot water, etc.
- Rinse off sea/pool water, beverage, dirt, sand, mud, etc. immediately; residue may cause malfunction if allowed to dry.
- Rinse off sand, dirt, etc. completely before use; any residue may damage handset causing malfunction.
- Do not soak handset in bath or pool; never use it in water (including opening/closing of handset and key operation).
- Handset is not resistant to water pressure. Avoid high-pressure water/shower (over 6 liters/min.) or water immersion.
- Do not expose handset to high humidity for long periods; avoid prolonged use in bath/shower rooms.
- Do not use in saunas. Avoid hot air from dryers or other sources.
- Use handset within 5°C - 35°C (up to 40°C for brief periods in bathrooms, shower rooms, etc.) and 35% - 90% humidity.
- Avoid extreme temperature (near stoves, inside refrigerators, etc.).
- Volume may be low when Mic, Earpiece or Speaker is wet; dry handset before use.

- Battery, Charger, Desktop Holder and optional accessories are not water or dust proof. Do not use in high humidity or near water (outdoors, in bathrooms, shower rooms, etc.); may cause fire, electric shock or malfunction. Do not bring into bathrooms, shower rooms, etc. even if you have no intention of using them.
- Do not subject handset to strong impact; do not poke Mic, Earpiece, Speaker, etc. with a sharp object; water/dust resistance may be affected.
- Avoid placing handset directly on sand. Sand may penetrate Earpiece, Speaker, etc., resulting in low volume.
- Sand, debris, etc. trapped in hinge may cause excessive friction or noise when opening/closing handset.
- Touchscreen may not respond properly if wet or touched with wet fingers.
- Do not move handset directly from a cold place to a warm humid place; condensation may occur. Should this happen, dry handset naturally at room temperature.
- Handset does not float on water.
- Keep handset out of heavy rain.
- Do not let liquid-exposed handset remain wet; exposure to cold may freeze liquid causing malfunction.
- Damaged Battery Cover or Port Cover affects water/dust resistance; contact a SoftBank Shop.

## Charging Cautions

- Never charge Battery while handset is wet; may cause fire, malfunction or burns due to electric shock or short circuiting. Be sure to dry handset before use.
- Close Port Cover firmly after charging from External Device Port. Use Desktop Holder to prevent ingress of water and dust from External Device Port.
- Do not touch Desktop Holder or Charger with wet hands. Electric shock may occur.
- Do not use Desktop Holder or Charger in rooms where water is regularly in use (kitchens, bathrooms, shower rooms, etc.); may cause fire or electric shock.

## Care & Maintenance

- Proper care of Port Cover gasket and Battery Cover gasket (for battery housing area) is crucial for continued handset water/dust resistance. Observe the following:
  - Do not remove or damage gasket. Keep it clean.
  - Do not insert a sharp object into Port Cover/Battery Cover gap; may damage gasket and allow ingress of water/dust.
  - If Port Cover gasket or Battery Cover gasket (for battery housing area) is damaged or deformed, contact a SoftBank Shop for gasket replacement.
- To maintain water/dust resistance, it is recommended to replace related parts every 2 years regardless of their condition. Customer-requested parts replacement incurs fees and requires handset submission. For details, contact a SoftBank Shop or SoftBank Customer Support, General Information (P.9-1).

# Cleaning Handset

## Washing Handset

Wipe off dirt, sand, beverage, etc., gently with a cloth. Then with Battery Cover closed, hold handset approximately 10 cm below faucet or shower head and wash with low-pressure tap water (6 liters/min. or lower) at room temperature (5°C - 35°C). Wash with your hands, taking care not to open Battery Cover and Port Cover; do not use a brush or sponge. Dry handset before use; after drying it well, power on.

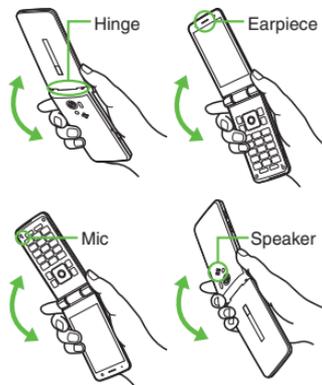
- Before washing handset, make sure that Battery Cover and Port Cover are closed firmly.
- Do not use a washing machine or ultrasonic cleaner.
- Do not place handset in a microwave oven to dry it. Battery/handset may leak, burst, overheat or ignite; may cause malfunction, accident or injury.
- Do not dry handset using extreme heat (hot air from dryers, etc.); may cause warping, discoloration or damage.

## Drying Handset

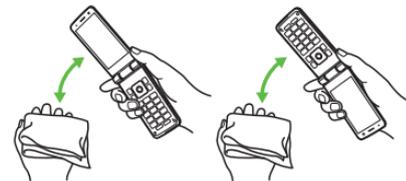
Dry these parts when exposed to water:

Hinge	Earpiece
Mic	Speaker

- 1 Wipe handset surface with dry cloth
- 2 Holding hinge firmly by its sides, shake handset about 20 times



- 3 Pat against dry cloth to remove moisture from grooves



- 4 Leave handset on dry cloth for approximately 2 - 3 hours at room temperature

### Do Not Use Wet Handset

- Voice quality may be affected, or moisture may transfer to clothes, bag, etc.
- Moisture may short-circuit External Device Port.
- Exposure to cold may freeze moisture; may cause malfunction.