Thank you for purchasing SoftBank 004SH.

Notes
- Most operation descriptions are based on default settings* 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.
- "(Japanese)" appears next to functions or applications which require Japanese ability to use as intended.
- In this guide and on handset, "abroad" means "outside Japan" with regard to handset/service usage.
- Accessible SoftBank Mobile services may vary by service area, subscription, etc.
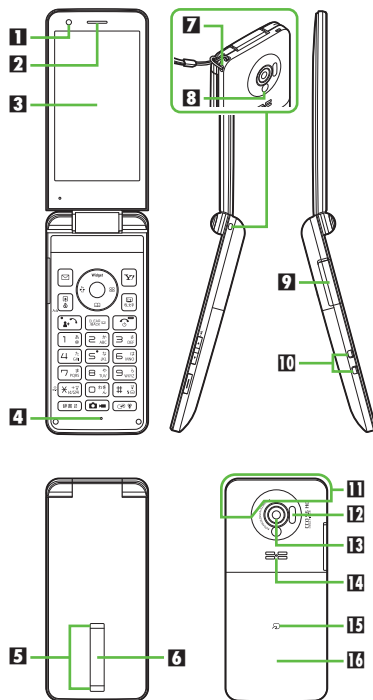
*With the exception that Handset Code and Administrator Code are set.

Table of Contents

Parts & Functions

1 **Light Sensor**
2 **Earpiece**
3 **Display**
4 **Microphone**
5 **Illumination Lights**
6 **Sub Display**
7 **Strap Eyelet**
8 **Mobile Light**
9 **External Connector Port (with Port Cover)**
10 **Charging Terminals**
11 **Internal Antenna Location**
12 **Infrared Port**
13 **Camera (lens cover)**
14 **Speaker**
15 🔊 **Logo**
16 **Battery Cover**

- Do not cover or place stickers, etc. over Light Sensor or Internal Antenna area.
- Replace Port Cover after Port use.
- Avoid metallic straps; Antenna sensitivity may be affected.

Handset Positions

Handset Closed

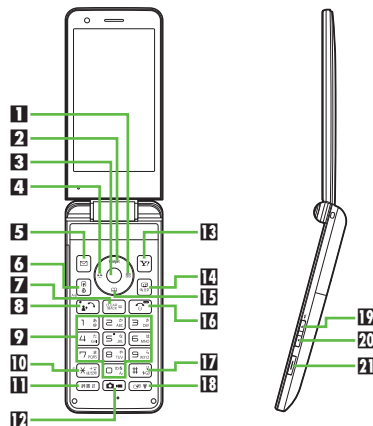Keep handset closed when not in use.

Handset Open

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

Handset Keys

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

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 activate/cancel Bluetooth®*.

5 Mail Key ⊠
Open Messaging menu. Long Press to open S! Mail Composition window*.

6 Shortcuts & Spinguru Menu Key ⊡
Open Shortcuts menu. Long Press to open Spinguru Menu.

7 Clear/Back Key ⊠
Play Answer Phone messages. Long Press to activate/cancel Answer Phone.

8 Start & Rakutomo Link Key ⊡
Open Rakutomo Link window. Long Press to open Double Number Mode menu.

9 Keypad ⊙ - ⊙
Enter numbers to place calls or access functions (Quick Operations). Long Press to open Phone Book.

10 ✕ Key ⊠
Enter *, +, P, ? and -. Long Press to activate/cancel Wi-Fi.

11 Dictionary Key ⊠
Open Dictionary. Long Press to activate/cancel VeilView.

12 Camera Key ⊠
Activate mobile camera.

13 Yahoo! Keitai Key ⊠
Open Yahoo! Keitai portal. Long Press to open Bookmarks list*.

14 TV & Text Key ⊠
Activate TV. Long Press to open Change Menu window.

15 Multi Selector (down) ⊙
Open Phone Book. Long Press to open Exchange Profile menu*.

16 Power On/Off & End Key ⊙
Long Press to power off.

17 # Key ⊠
Enter #. Long Press to activate/cancel Manner mode.

18 Multi Job & Manner Key ⊠
Select handset mode. Long Press to activate/cancel Manner mode.

Side Keys

19 Volume Up Key ◀
Closed: Long Press to illuminate Mobile Light.

20 Volume Down Key ▶
Open: Show/hide Softkeys.

21 Shutter Key ▬
Closed: Toggle Clock view.
Open: Long Press to activate video camera.

Multi Selector & Side Keys

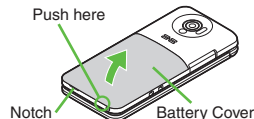- In this guide, Multi Selector and Side Key operations are indicated as follows:

Press ⊙ or ⊙	⊙
Press ⊙ or ⊙	⊙
Press ⊙, ⊙, ⊙ or ⊙	⊙
Press ◀ or ▶	◀▶

1-2

Battery & USIM Card Installation

- Do not apply excessive force to insert/remove USIM Card.
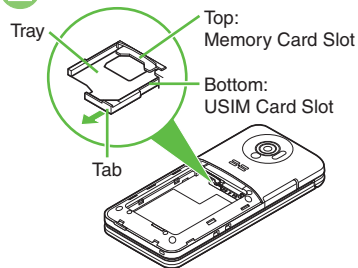- USIM Card must be inserted to use this handset.

Inserting

1 Remove Battery Cover

Push here

Notch   Battery Cover

- Use Notch to open Cover. Push Cover up as shown, then lift to remove it.

2 Pull out Tray

Tray   Top: Memory Card Slot

Bottom: USIM Card Slot

Tab

- Use Tab to pull Tray straight out.
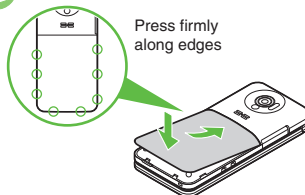
3 Slide in USIM Card with IC chip down

USIM Card

Notch

4 Push in Tray fully
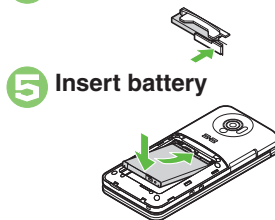
5 Insert battery

- With logo side up, align battery terminals with contact pins.

6 Close Battery Cover

Press firmly along edges

- Fit cover top into slot, then press down firmly.
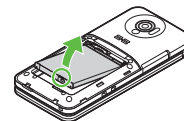
Precaution

- USIM Card Slot is directly below Memory Card Slot. Do not insert Memory Card into USIM Card Slot.

Removing

Power off first.

1 Remove Battery Cover

2 Remove battery

- Lift battery as shown.
- Do not short-circuit removed battery.

3 Pull out Tray

4 Lift and slide out USIM Card as shown

- Replace Tray, reinstall battery and close Battery Cover.
- Take care not to lose removed USIM Card.

After Repairs, USIM Card Replacement or Handset Upgrade/Replacement

- Some downloaded files may be inaccessible. In addition, S! Applications and BookSurfing® may be disabled after USIM Card replacement.

About Battery

- Charge battery at least once every six months; an uncharged battery may become unusable 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 device charging terminals with a dry cotton swab.
- Do not apply excessive force to Battery Cover; damage may result.
- Close Battery Cover firmly. Debris trapped between Cover and base may expose handset to liquid/dust.
- To maintain water/dust resistance, close Battery Cover properly.
- Battery is not waterproofed or dustproofed.

Lithium-ion Battery
- This product requires a lithium-ion battery. Lithium-ion batteries are a recyclable resource.

  Li-ion00
  - To recycle a used lithium-ion battery, take it to any shop displaying the symbol shown above.
  - To avoid fire or electric shock, do not short-circuit or disassemble battery.

About USIM Card

USIM Card is an IC card containing customer and authentication information, including the handset number. Save Phone Book entries on USIM Card Phone Book to use them on other SoftBank handsets. Depending on the 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 is not liable for resulting damages.
- Keep the USIM Card IC chip clean; malfunction may result. Clean with soft dry cloth.
- Do not attach labels to USIM Card. Malfunction may result.

Important
- USIM Card is the property of SoftBank Mobile.
- USIM Card will be reissued for a fee if lost or damaged.
- Return USIM Card to SoftBank Mobile upon subscription termination.
- Returned USIM Cards are recycled.
- USIM Card specifications may change without prior notice.
- Back up USIM Card files. SoftBank Mobile is not liable for lost files.
- If your USIM Card or handset (with USIM Card inserted) is lost or stolen, suspend your service immediately. For details, contact SoftBank Mobile Customer Center, General Information (**P.9-1**).

USIM PIN

Four- to eight-digit code (**9999** by default); activate PIN Entry (in Locks) to restrict handset use.

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

Canceling PIN Lock
- Contact SoftBank Mobile Customer Center, General Information (**P.9-1**) for your Personal Unblocking Key (PUK Code) and follow these steps:

  Enter PUK Code ➜ ⊙ ➜ Enter new PIN ➜ ⊙ ➜ Re-enter new PIN ➜ ⊙
  - Write down PUK code.

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

Charging Battery

Battery must be inserted in handset to charge it.

Charging Battery Outside Japan
● SoftBank Mobile is not liable for problems resulting from charging battery abroad.
Important AC Charger Usage Note
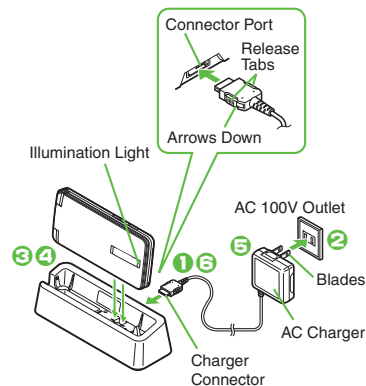● Fold back blades after charging. Do not pull, bend or twist the cord.
When Illumination Light Flashes
● Battery is unchargeable; may be defective or simply at the end of its life; replace it.

Desktop Holder

Use specified AC Charger **ZTDAA1** (sold separately) together with Desktop Holder.
● In this guide, ZTDAA1 is referred to as "AC Charger."
● **AC Charger and Desktop Holder are not waterproofed or dustproofed. Do not charge battery while handset is wet.**
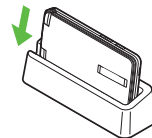● Handset and AC Charger may warm while charging.

Connector Port
Release Tabs
Arrows Down
Illumination Light
AC 100V Outlet
Blades
AC Charger
Charger Connector

1 **Insert Charger Connector into Desktop Holder**
● Insert connector in the correct orientation until it clicks.

2 **Extend blades and plug AC Charger into AC outlet**
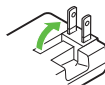
3 **Place handset onto Desktop Holder**

● Push handset as shown until it clicks into place.
● Illumination Light glows red while charging.
● Illumination Light goes out when battery is full.

4 **Disconnect handset from Desktop Holder**

5 **Unplug AC Charger**

6 **Disconnect Charger Connector from Desktop Holder**
● Squeeze Charger Connector release tabs and pull straight out to remove.

Important Desktop Holder Usage Notes
● Do not subject to force/pressure.
● Do not attempt to open handset.

Handset Power On/Off

Power On

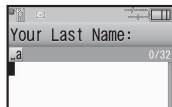Follow these steps when powering on 004SH for the first time:

1 ☎ **(Long)**
● Waterproofing/dustproofing guidance appears following Power On Graphic; follow the steps below.
☎ ➡ ☎ ➡ ● ➡ ⓞ ➡ ● ➡ *設定* ➡ ● ➡ *Language* ➡ ● ➡ *English* ➡ ● ➡ ☎ (Long) ➡ ☎ (Long) ➡ Change Menu window opens

2 **Select option** ➡ ●
Guide descriptions are Standard Menu based.

Your Last Name:
_a   0/32

● After Change Menu guidance, My Details setup starts.

3 **Enter last name** ➡ ● ➡ **Enter first name** ➡ ●
● Change Menu display option confirmation appears.

4 *Yes* **or** *No* ➡ ●

twinavi twitter
【S!速報ニュースとは?】
【S!速報ニュースとは?】
--/--/--(---)   --:--
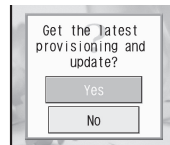✉   ⊞MENU   Y?

Standby

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

When USIM Card is Not Installed
● *Insert USIM Card* appears; insert the card to use handset.

Retrieving Network Information

Handset initiates Network Information retrieval when ●, ⓞ, ✉ or ⓨ is pressed for the first time.

Get the latest provisioning and update?
Yes
No

Follow these steps to retrieve Network Information to use Network-related services and TV; retrieval automatically sets Clock:

1 *Yes* ➡ ● ➡ **Retrieval starts**

2 ●
● When subscribed to Keitai Wi-Fi, Wi-Fi Spot setup menu opens; follow onscreen instructions. To skip setup, press 🗝.
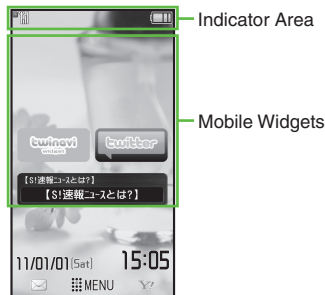
Power Off

1 ☎ **(Long)**
● After Power Off Graphic, handset shuts down.

1-6

Display

Standby

— Indicator Area

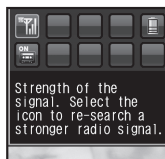— Mobile Widgets

11/01/01[Sat] 15:05

Hereafter, most screenshots omit Mobile Widgets and other icons.

Indicator Descriptions

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

1 Tap indicator

Strength of the signal. Select the icon to re-search a stronger radio signal.

- Active indicators are enlarged; description for selected indicator appears.
- After ❶, Long Touch other indicators to view their descriptions.
- After ❶, tap indicator to open menu/window (e.g., Battery Meter window from battery strength indicator). May be unavailable for some indicators.

Information

Information window opens at the bottom for Missed Calls, new mail, etc.

Information
✉ 1 Message

Clear   Exit
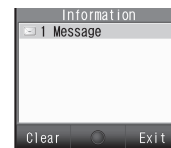
Information Window

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

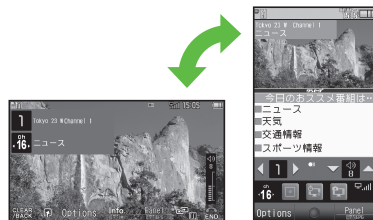**Opening Information List Manually**
● ➜ *Phone* ➜ ● ➜ *Information* ➜ ●
Clearing Information List
● ➜ *Phone* ➜ ● ➜ *Information* ➜
● ➜ 🖂 ➜ *Yes* ➜ ●

1-7

Display Rotation

Sensor detects handset orientation, and automatically rotates Display image with handset orientation changes in functions like Camera, Digital TV, and Internet, etc.
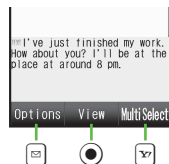

Landscape   Portrait
Orientation   Orientation

Softkeys

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

■ **Portrait Orientation**

I've just finished my work.
How about you? I'll be at the
place at around 8 pm.

Options   View   Multi Select

■ **Landscape Orientation**
Some key assignments may vary with window content.

CLEAR Options Info. Panel END
/BACK

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

When using Double Number in Dual Mode, line type appears bottom right of some indicators.

■ Basic Status

1	3G	Within 3G range
	GSM	Within GSM range
	🏠	International roaming in progress
2	▓	Signal strength[1]
3	▢	Battery strength[2]

[1]The more bars the better.

[2]Flashes while charging; battery strength % (appears when Display activates, etc.) is an approximation.

■ Function Status

1	🎮	Active S! Application[*]
	🎮	Paused S! Application[*]
	♪	Music playback in progress
	📹	TV recording in progress (handset)
	📹	TV recording in progress (Memory Card)
2	💾	Memory Card inserted
	💾	Accessing Memory Card
	💾	Reading Memory Card
	💾	Formatting Memory Card
	💾	TV Timer/TV Recording Timer set
3	ⓘ	Compass Indicator
4	🎧	Music playback in progress (via Bluetooth®)
5	🗂	Multiple functions (Multi Job) active

[*]Appears gold for some S! Applications.

■ Notifications

1	✉	Unread mail
	📧	Unread Delivery Report
2	📠	Answer Phone active & message recorded
	📠	Answer Phone canceled & message recorded
3	1416	New Voicemail
4	➡	Missed Call or new mail on idle line
5	📱	S! Appli Notification
6	🔑	Contents Key received
7	📰	Unread S! Information Channel info
	📋	Software Update result
	📰	Unread S! Quick News info
8	📇	Unread S! Friend's Status notification

■ Warnings

1	✉	Mail memory low
2	📧	Message delivery failure
3	💾	Memory Card unusable/misinserted

1-9

■ **Transmissions**

1	SSL	SSL browsing in progress[1]
	🌐	Packet transmission protocol ready
2	✉	Receiving mail
	✉	Sending mail
3	😊	S! Friend's Status online
	🛰	Positioning in progress[2]
4	📲	Software Update in progress
5	↕	Wi-Fi transmission in progress
	📶	Keitai Wi-Fi available
6	📶	RSS-compatible site
7	☀	Weather Indicator
8	📶 Wi-Fi	Connected to Wi-Fi network[3]

	🔌	USB Cable connected
	🔌	USB transmission in progress
	↕	Infrared transmission in progress
	📄	Infrared file transfer in progress
	🅱	Bluetooth® transmission ready
9	🅱	Bluetooth® transmission in progress (🅱 appears for multiple connections)
	🎧	Bluetooth® talk in progress
	📳	IC Transmission in progress
	🔄	S! Addressbook Back-up transmission in progress
	💻	PC Site Browser in use
	💻	Direct Browser in use
10	↕	Infrared transmission ready

[1]Hidden while Mobile Widget is in use.
[2]Flashes while positioning.
[3]The more blue bars the stronger the connection.

■ **Settings**

1	📴	Offline Mode active
2	📞	Answer Phone active
3	📞	Call Forwarding or Voicemail active (forwarding condition: *Always*)*

4	📅	Schedule/Task (Alarm set)
	📅	Schedule/Task (Alarm unset)
5	⏰	Alarm set
6	🔔	Hour Minder active
7	📳	Manner mode active
	🚗	Drive mode active
	🔲	Original mode active
	🔲	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

*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 Backlight

1 ▭

- Press ▭ to toggle view.

Indicators

▪ Basic Status

1 ▬ Ⴈ╻╻
2 ▬ ▭▭▭

1	Signal strength[1]
2	Battery strength[2]

[1]The more bars the better.
[2]Flashes while charging.

▪ Notifications

📲	Missed Calls
📲	Answer Phone message recorded
📲	Missed Call Notification
📲	New Voicemail
✉	Unread mail
目	Unread Delivery Report
♦🔑	Contents Key received
(ᴬ)	Unread S! Information Channel info
🔅	Weather Indicator update
⊕	Location Info request
⏲	Pedometer target achieved
🎵!	Videos/Music menu update
🔅	S! Appli Notification
😊	Unread S! Friend's Status notification
🔒	Auto Backup complete
🔒!	Auto Backup canceled

▪ Warnings

⟦✉⟧	Message delivery failure
⒜ᵡ	S! Information Channel info reception failure
🔅	IP Service connection failure
🔅	Weather Indicator update failure
🔅	Public wireless LAN auto authentication failure
🔅	Wi-Fi disabled
🔒ˣ	Auto Backup failure

▪ Handset Status

🔔	Alarm
🗓	Schedule Alarm
🗓	Task Alarm
📺	TV Alarm (watch)
📺	TV Alarm (record)

1-11

Using Touch Panel

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

Basic Operations

Tap

Tap item to open corresponding function; execute Softkey functions/operations.

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

Long Touch

Touch item for 1+ seconds to execute corresponding function/operation.

Drag

Touch and drag to move item or scribble/sketch; release when complete.

Swipe

Swipe Display to scroll.

Spread & Pinch
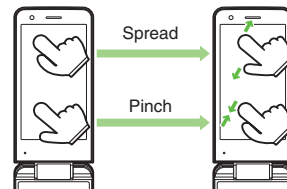
Spread

Pinch

Spread or pinch fingers across Display to enlarge or reduce images, etc.

Operational Examples

Selection & Execution

Tap item to open or execute corresponding function/operation.
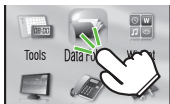
Tap *Data Folder*

The result is the same as selecting an item with ◯ and pressing ◉.

■ **Two Taps**

When corresponding Options menu is available, etc., tapping item may only select (highlight) it; tap the item again to execute function/operation.

Tap *Music* twice

Music folder opens

Screen Scroll

To see items outside Display area, drag or swipe in opposite direction.

Swipe right

Left portion appears

Enlarge & Reduce

Spread or pinch to enlarge or reduce images, etc.

Enlarged

● Double-tapping images, etc. may also enlarge/reduce them.
● On Internet page or before saving captured image, Long Touch area/portion to enlarge it.

Open Menus

Long Touch Display to open menu.

As Message
Slide Show
IrSS
Details

Important Touch Panel Usage Notes
● Touch Panel 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 Touch Panel (**P.1-14**) to improve response.

Calibrating Touch Panel

Calibrate Touch Panel to improve response.
Hold handset normally during calibration.

1 ● ➜ *Settings* ➜ ● ➜ ⊙
   Phone/☒

2 *Touch Panel* ➜ ●

3 *Correct Touch Panel* ➜ ●

> Start calibration
> of touch points?
> Calibration is
> initialized if the
> sequence canceled.
>
> Yes
> No
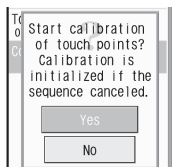
4 *Yes* ➜ ●
   ● Follow onscreen instructions.

Undo Calibration
● If calibration does not improve response,
  follow these steps to restore default setting:
  After ④, ▥

Main Menu

Opening Main Menu
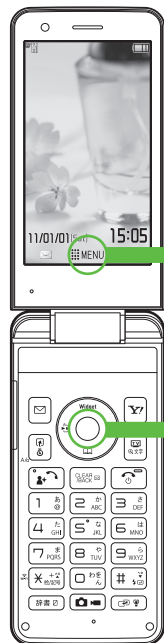
Window Description

Main Menu Items

Messaging	Open/create messages, etc.
Yahoo!	Browse the Internet
S! Appli	Use S! Applications including games
Entertainment	Receive news, play/download media files, etc.
Camera	Capture images or record video
Videos/Music	Access various media services
Tools	Manage schedules, set Alarm, scan QR Codes, etc.
Data Folder	Open files saved on handset/Memory Card
Widget	Use Mobile Widgets
TV	Watch/record TV programs
Phone	Search contacts, add entries, etc.
Settings	Customize handset interface, sounds, etc.

■Touch Panel

■Handset Key

Menu Navigation Follow these steps to open *World Clock* via handset keys or Touch Panel:

	Open Main Menu	Select Item	Open Tab	Select Item	
		Use ⊕ to select *Tools* and press ⊙	Use ⊙ to select *Clock/Gauge* tab	Use ⊙ to select *World Clock* and press ⊙	

Handset Keys

Press ⊙

Touch Panel

Tap *MENU*

Tap *Tools*

Tap *Clock/Gauge* tab
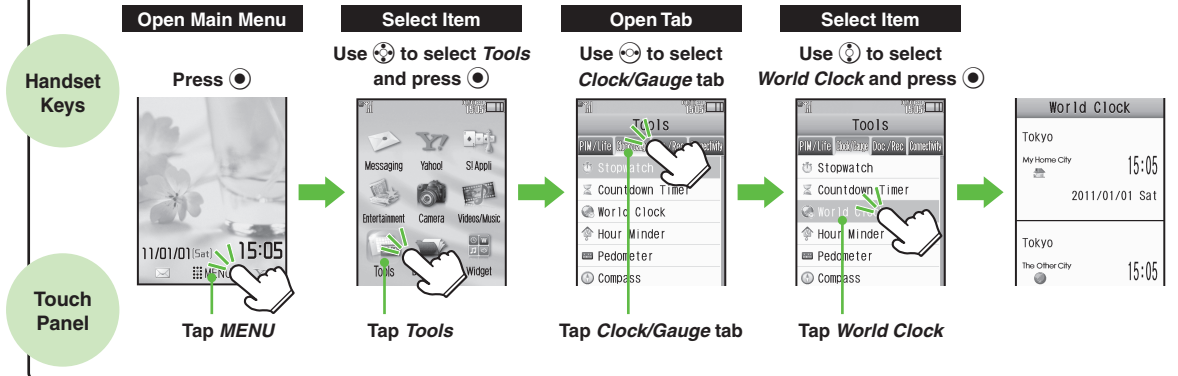
Tap *World Clock*

Escape/Return Example: After opening *World Clock*

Navigate Back	Return to Standby	
Press [CLEAR/BACK]	Press [⌃]	**Using Touch Panel** ● If available, tap corresponding Softkey (*CLEAR/BACK*, *END*, etc.) to escape function or return to previous window.
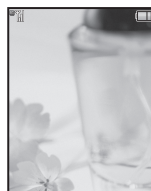
Menu List

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
Direct Browser
Browser Settings

S! Appli

S! Appli Library
Osaifu-Keitai
Settings
Information

Entertainment

S! Information Channel/Weather
S! Quick News
Free Contents
S! Contents Store
Media Player
S! Friend's Status
S! Circle Talk
Blog Tool
Digital Media Viewer
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

Golf Swing Video Camera
Album
Scan Receipt
Barcode Reader
Scan Card
Kanji/English Grabber
Review
Set Camera Key

Videos/Music

Videos/Music

Tools

■ PIM/Life

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

■ Clock/Gauge

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

■ Doc./Rec.

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

■ Connectivity

Wi-Fi
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
Status Templates
Flash®
Other Documents
Memory Status

Widget

Widget Store
Widget Contents
Settings

TV

Digital TV
TV Player
TV-Image Folder
TV Link
TV Listing
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
Double Number
Videos/Music Menu Updates
Memory Card
Backup/Restore
Locks
Software Update
Master Reset

■ Call

Call Time/Data Counter
Answer Phone
Voicemail/Call Forwarding
Video Call
Caller ID
out 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
Wi-Fi
External Device

Security Codes

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

- Guide descriptions are based on the assumption that Handset Code and Administrator Code are set.
- Write down Security Codes.
- Do not reveal Security Codes. SoftBank Mobile is not liable for misuse or damages.

Handset Code[*]	Use or change some functions
Administrator Code[*]	Required for Reset Settings, Reset All, Direct Browser Lock, Proxy Setting, etc.
Center Access Code (Network Password)	Four-digit code selected at contract; change service options, access Optional Services via landlines, or set call restrictions

[*]Set/change on handset.

If Security Code is Unset
- Code setup message/window appears whenever Security Code is required.

Incorrect Code Entry
- Message appears for incorrect code entries; retry.
- Incoming/outgoing call restriction settings will be locked if incorrect code is entered three times consecutively during the setting. To resolve, Center Access Code (Network Password) must be changed.
  - If you have previously changed Network Password on a SoftBank handset, enter the latest code.

Saving Handset Code

Enter four to eight digits.

1. ● ➡ *Settings* ➡ ● ➡ ◌ *Phone/🖂*

2. *Locks* ➡ ●

   Locks
   PIN Entry
   Off
   Function Lock
   Off
   IP Service Setting
   Off
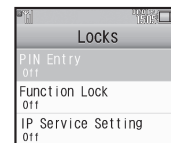
   Locks Menu

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*; Handset Code is now 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. Use these basic tips as a guide. Inappropriate handset use can be both dangerous and bothersome. Please take care not to disturb others when using your handset. Adjust handset use according to your surroundings.

- Power it off in theaters, museums and other places where silence is the norm.
- Refrain from using it 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)**

Manner mode selected.

- Manner mode is set.

When Manner Mode is Active
- Ringtones and other sounds are muted.
- 004SH vibrates for transmissions/alerts.
- Shutter click still sounds at fixed volume.
- To unmute Speaker temporarily while playing music, etc., follow these steps:
  During playback, ⓑ ➡ ● ➡ *Yes* or *No* ➡ ● ➡ **Adjust volume**

Canceling Manner Mode
   ＃ **(Long)**

Offline Mode

Temporarily suspends all transmissions.

1 ● ➡ *Settings* ➡ ● ➡ ⊙ *Network*

2 *Offline Mode* ➡ ●

3 *On* ➡ ●

Offline Mode

● On
○ Off

Offline Mode enabled.
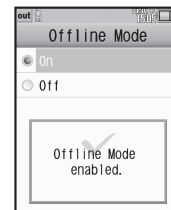
- Offline Mode is set.

Canceling Offline Mode
   In **3**, *Off* ➡ ●

1-21

My Details & Basic Settings

Handset Number & Address

1 ● ➜ ⌧

> Yamada
> Takako
>
> Tel/Email | Details | Settings
> 090392XXXX5
> Unsaved
> ➡ <Add New Entry>
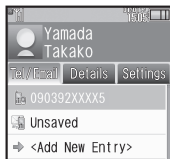
● Handset phone number, mail address (unsaved by default) and the name entered at initial setup appear.

Editing My Details
After ❶, ◉ (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 a 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* ➜ ●

Opening World Clock

Auto World Clock

Powering on outside Japan automatically sets World Clock; the local time for your current location appears in Standby. Upon returning to Japan, original World Clock setting and Clock view will return.

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* ➡ ●

```
World Clock
Tokyo ─────────────────── Local Time
My Home City                Zone
              15:05
         2011/01/01 Sat

Tokyo ─────────────────── World Time
The Other City              Zone
              15:05
         2011/01/01 Sat
```

2 ●
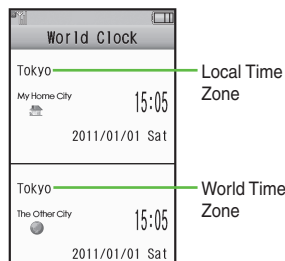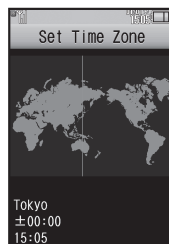
```
Set Time Zone




Tokyo
±00:00
15:05
```
Set Time Zone Window

3 ⊙ Select area ➡ ●

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 ➡ ●

Opening 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

1-23

Memory Card Installation

Use microSD/microSDHC Memory Card (hereafter "Memory Card") to save and organize files for use on 004SH.
If inserted, captured images, downloads and other files save to Memory Card. (My Pictograms and Graphic Mail templates save to handset.)

Important Memory Card Usage Notes
- Do not force Memory Card into or out of handset.
- Keep Memory Cards out of infant's reach; may cause suffocation if swallowed.
- Do not touch terminals or expose them to metal objects.
- SoftBank Mobile is not liable for any damages resulting from accidental loss/alteration of information. Keep a copy of Phone Book entries, 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.

Inserting & Removing

Power off first.

1 **Remove battery (P.1-3)**

2 **Insert card**

Top:
Memory Card Slot

Bottom:
USIM Card Slot
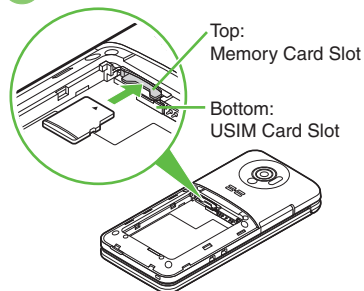
- With terminal side down, insert card until it clicks.
- Do not insert other objects into Memory Card Slot.

3 **Insert battery, then close Battery Cover (P.1-3)**

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

If ✉ Appears after Power On
- Memory Card may not be inserted properly; reinsert the card.

Removing Memory Card
- Gently push in card and release it; card pops out. Pull card straight out gently.
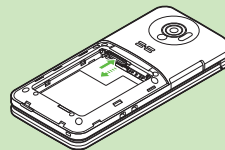
Formatting Memory Card

When using a new Memory Card for the first time, format it on the handset before trying to save files, etc. Format Card deletes all Memory Card files, even those created on other devices.

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

2 *Format Card* ➔ ● ➔ *Yes* ➔ ●
  ● Offline Mode is set. Handset transmissions are suspended until format is complete.

3 *Yes* ➔ ●
  ● To cancel, choose *No* and press ●.

Precaution
● Never power off or remove battery while formatting; may cause damage.

Text Entry

Use handset keys to enter text. Unless noted otherwise, text entry descriptions are for text entry windows.
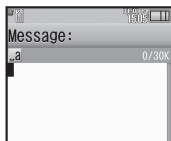
Text Entry Window (Message Text)

Opening Help
⊠ ➡ *Help* ➡ ⦿
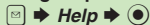
Note
● Pressing 🕿 repeatedly may not close text entry windows.

Switching Entry Modes

1 🖳
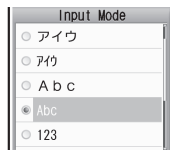
● Available entry modes appear.
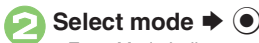
2 Select mode ➡ ⦿
● Entry Mode Indicators:

亜*	Kanji (Hiragana)
�𝒻/_𝒻	Double/Single-byte Katakana
A/a	Double-byte Alphanumerics (upper/lower case)
_A/_a	Single-byte Alphanumerics (upper/lower case)
1	Single-byte Number
⊠	Character Code

* 予 appears when Predictive is active.

Character Entry Basics

Use Keypad 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 1 **three times.**

● Press 🔄 to toggle options in reverse.
To type characters assigned to the same key, press ⊙ first.
Example: In Single-byte Alphanumerics mode, enter *no***.**

● Long Press a key to enter the current character and advance cursor.

2-1

Entering Characters

Hiragana

Follow these steps to enter **すずき** in Kanji (Hiragana) mode:

1. 3 3 3 3 **(す)** ➜ ⊙ ➜
   3 3 3 3 **(す)** ➜ ✳ **(ず)** ➜
   2 2 **(き)**

   ```
   Message:
   あ
   すずき                    0/30K
   ```
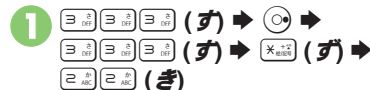
2. ● **(Confirm)**

Kanji

Convert **すずき** to **鈴木**.

1. **Type すずき**

   ```
   Message:
   あ
   すずき                    0/30K
   ```

   - In Kanji (Hiragana) mode, word suggestions change as hiragana are typed. (Predictive)
   - Long Press 🗊 to toggle suggestion mode between Standard, Literary, Spoken and Automatic. (Personal Mode)

2. ⓠ

   ```
   Message:
   あ
   鈴木                      0/30K
   ```

3. **鈴木**
   - To exit suggestion list, press 🔙.

4. ●

   ```
   Message:
   鈴木                      4/30K
   ```

   ```
   PrevUsage
   の  は  に  、  。
   ?  が  を  です  と
   で  !  も  !  って
   か  っての  だ  ね
   よ  から  だけど
   ```
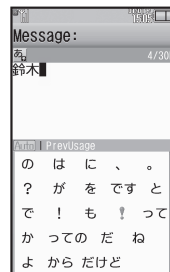
   - Words likely to follow the entry appear based on previous entries. (Previous Usage)

   When Target Word is Not Listed
   - Press 🗊 or 🔽 to segment hiragana to convert separately.
     ■ Press 🔽 to toggle Predictive and Non-Predictive suggestions.
   Deleting Words/Phrases from Entry Log
   Type hiragana ➜ ⓠ ➜ Select word/
   phrase ➜ 🗊 (Long) ➜ *Yes* ➜ ●

2-2

Entering from Dictionaries (Search Word)

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

1 **Type hiragana ➡ Before completing entry,** 🖥

```
明鏡モバイル国語  ▣ Switch Dict.
けいたい [形態]
けいたい [敬体]
けいたい [携帯]
けいたいでんわ [携帯電話]
 Prev.  Preview  Next
```
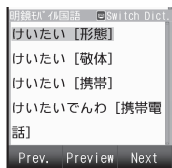
- Press 🖥 to toggle dictionaries.

2 **Select word, etc. ➡** ●

- Definition/translation appears.

3 ●

One-Hiragana Conversion

Type the first hiragana for a suggestion list from previously selected words.
Example: **すずき** was previously converted to **鈴木**.

1 ⬚⬚⬚ **(す) ➡** ⬇

2 **Select word/phrase ➡** ●

Correction Conversion

After mistyping hiragana assigned to the same key (e.g., **い** instead of **う**), follow these steps to enter intended word/phrase from suggestion list without retyping:
(Available when three or more hiragana are typed.)

1 **Type hiragana ➡ Before selecting word/phrase,** ⬇

- Corrected word suggestions appear.

2 **Select word/phrase ➡** ●

Katakana

Follow these steps to switch to Double-byte Katakana mode and enter **ジュン**:

1 🖥 **➡ アイウ ➡** ●

2 ⬚⬚ ⬚⬚ **(シ) ➡** ⬚ **(ジ) ➡** ⬚⬚ ⬚⬚ **(ユ) ➡** ⬚ **(ュ) ➡** ⬚⬚ ⬚⬚ ⬚⬚ **(ン) ➡** ●

```
             📶❚❚❚
Message:
ア          6/30K
ジュン▋
```

Pictograms & Symbols

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

1 ✳

- Pictogram or Symbol List appears. (Log appears if Pictogram/Symbol has been used.)

2 🖥 **(toggle tabs) ➡** ✉ **or** ⛄ **(toggle Lists)**

```
Common   My Pict   Symbols  ▣▸
 📠A11
 👓 😊 🎷 🎅 ➡ 🐍
 😴 ❄ ☀ ☂ ☁ ♨
 🌙 ⚡ 🌀 🎀 🏔 ❀
 🌹 ★ 🎆 🐶 🐱 🌂
 🌿 🍂 🐟 💎 🎁 💈
 Pict 1      ●      Pict 3
```

- 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**

2-3

Emoticons

⓵ 🖂 ➡ *Emoticons* ➡ ⦿

⓶ **Select emoticon** ➡ ⦿

Alternative Emoticon Entry Method
● In Kanji (Hiragana) mode, type かお or a descriptive word such as わーい or うーん, then convert the entry.

Mail & Web Extensions

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

⓵ 🖂 ➡ *Quick Addr. List* ➡ ⦿

⓶ **Select extension** ➡ ⦿
● Extensions are single-byte even in double-byte entry modes.

Hiragana to Katakana/Alphanumeric Conversion

Enter katakana and alphanumerics in Kanji (Hiragana) mode.
Example: To enter *PM*
Use key inscriptions.

⓵ �7⃞⓺⃞ ➡ 🆈
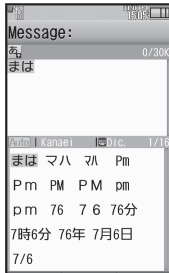
⓶ **Select word/phrase (*PM*)** ➡ ⦿

Using Wildcard Characters

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

⓵ **Type hiragana** ➡ ⊙ ➡ ⊙
● ＊ appears; to type another, press ⊙ again.

⓶ ⓠ ➡ **Select word/phrase** ➡ ⦿

2-4

Editing Characters

Deleting & Editing

Follow these steps to correct **また．お願いします** to **また明日お願いします**:

1 Select character

> Message:
> あ
> 18/30K
> また．お願いします

2 [CLEAR/BACK]

> Message:
> あ
> 16/30K
> また■願いします

● The highlighted character is deleted.

3 Select target location ➡ Enter characters

> Message:
> あ
> 20/30K
> また明日お願いします

Recovering Deleted Characters
● Press [↶] to recover characters deleted with [CLEAR].
Deleting All Text
● Long Press [CLEAR] at the end of text. To delete characters on and after cursor, select the first character of text and Long Press [CLEAR].
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 ➡ ●
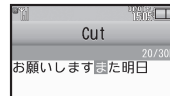
> Cut
> お願いします■た明日
> Cut

● To cancel and start over, press [Y].

2 Highlight text range ➡ ●

3 Select target location ➡ [*] (Long)

> Message:
> あ
> 20/30K
> また明日お願いします
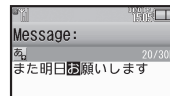
● Text is entered.

Pasting Previously Cut/Copied Text
Select target location ➡ [⊠] ➡ *Paste* ➡ ● ➡ Select text ➡ ●
■ Available when Paste List appears.

Customizing Fonts

Enlarging All Fonts

Follow these steps to enlarge fonts for menus, text entry, etc.:

1. 🔡 **(Long)**

   ```
   Change Menu
   ○ Simple Menu
   ● Standard Menu
   ○ Large Font Menu
   ```
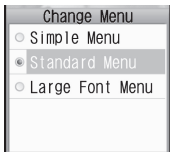
2. *Large Font Menu* ➜ ●

Canceling Large Font Menu
🔡 **(Long)** ➜ *Standard Menu* ➜ ●

Resizing Specific Fonts

1. ● ➜ *Settings* ➜ ●

   ```
   Settings
   Sound/Display Phone/→ Call Network
   📱 Mode Settings
   📺 Display
   🎨 Customized Screen
   🎵 Sounds & Alerts
   🕐 Date & Time
   ```
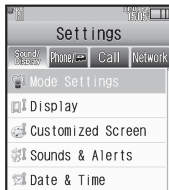
2. In Sound/Display menu, *Display* ➜ ●

3. *Font Settings* ➜ ●
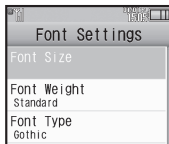
   ```
   Font Settings
   Font Size
   Font Weight
   Standard
   Font Type
   Gothic
   ```
   Font Settings Menu

4. *Font Size* ➜ ● ➜ Select item ➜ ●

5. Select size ➜ ●

Changing Font Weight

1. In Font Settings menu, *Font Weight* ➜ ●

   ```
   Font Weight
   ● Standard
   ○ Semi Bold
   ○ Bold
   ```
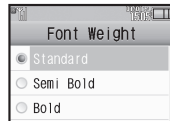
2. Select weight ➜ ●

Using Mincho Font

1. In Font Settings menu, *Font Type* ➜ ●

2. *Ming-cho* ➜ ●

Wallpaper

1 ● ➡ *Settings* ➡ ● ➡ In Sound/Display menu, *Display* ➡ ●

2 *Wallpaper* ➡ ●

Wallpaper
Preset Pictures
Pictures
DCIM
Flash®
Chara Time
Slide W paper
Other Documents
Customized Screen
Download Pictures

Wallpaper Menu

3 Select folder ➡ ●

4 Select file ➡ ●
- Some files may not be usable.
- Omit the next step when *Preset Pictures* 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 via Yahoo! Keitai
In **3**, *Download Pictures* ➡ ●
- Read terms of service and then follow onscreen instructions.

Selecting Images with Limited Usage Period
- A confirmation appears. Follow these steps:
  Yes ➡ ● ➡ ●

If Double Number Mode Menu Opens
Select mode ➡ ●

Selecting Chara Time Files
In **3**, *Chara Time* ➡ ● ➡ Select file ➡ ● ➡ ● ➡ ●

Slide Show Wallpaper

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

1 In Wallpaper menu, *Slide W paper* ➡ ●

2 *Folder Setting* ➡ ●

3 *Pictures* or *DCIM* ➡ ●

4 Select sub folder ➡ ● ➡ *Set this folder* ➡ ●
- Omit steps for sub folder if none is applicable.

If There is No Image in Set Folder
- Preset images appear.
Using Preset Images
    In **3**, *Preset Pictures* ➡ ●
Changing Pattern
    In **2**, *Pattern Setting* ➡ ● ➡ Select pattern ➡ ●
- To check patterns, select one and press ✉.

Customizing Handset Responses

Ringtone

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

1. ● ➡ *Settings* ➡ ● ➡ In Sound/Display menu, *Sounds & Alerts* ➡ ●
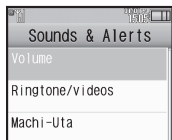
Sounds & Alerts Menu

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.

Setting Ring Time for Incoming Mail, etc.
After ❸, *Duration* ➡ ● ➡ Enter time ➡ ●
Playing Video for Incoming Transmissions
In ❹, *Videos* ➡ ● ➡ ❺
If Portion of File Content is Specifiable
● After ❺, start point selection window opens. Follow these steps:
   Select start point ➡ ●
Selecting Files with Limited Usage Period
● A confirmation appears. Choose *Yes* and press ● 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 ⊠.

5. Select pattern ➡ ●

Setting Ringtones to Control Vibration
In ❸, *Link to Sound* ➡ ●
Important Vibration Usage Note
● Cancel Vibration when charging battery to help avoid accidents.

Emergency Calls

Your location is automatically reported to the corresponding agency (police, etc.) when you place emergency calls (110, 119 or 118) with SoftBank 3G handsets. (Emergency Location Report) 004SH reports Location Information based on positioning signals from radio stations.

● Registration/transmission fees do not apply.
● Positioning accuracy is affected by location/signal conditions. Always provide your location and purpose on the phone.
● Location Information is not reported when emergency calls are placed without Caller ID (such as when the number is prefixed with *184*). However, the corresponding agency may obtain your Location Information in a life threatening situation.
● Location Information is not reported during international roaming.

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 a Voice Call

Incoming Call window opens for a call.

Voice Calling

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 to/from Unsaved Numbers
● Save to Phone Book confirmation appears.
   Select *New Entry* or *New Detail* and press ●
   to save number; Phone Book entry window
   or entry search window opens, respectively.

Placing a Voice Call

1 **Enter phone 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.

Call Time 0:01
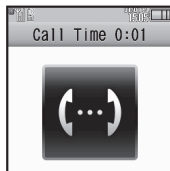
3 ☎ ➡ **Call ends**

**Specifying Line when Using Double
Number in Dual Mode**
   After ❶, ● ➡ *Select Line(Voice)* ➡
   ● ➡ Select line ➡ ●

Placing an International Call

1 **Enter phone number with area code** ➡ ✉

2 *Int'l Call* ➡ ●

3 **Select country** ➡ ● ➡ 📞
● Handset dials the number.

4 ☎ ➡ **Call ends**

Calling Unlisted Countries
   In ❸, *Enter Code* ➡ ● ➡ Enter
   country code ➡ ● ➡ 📞

Placing Calls 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/
Access roaming area/rate information or print
it out to carry with you while traveling abroad.

1 **Enter phone 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 **2**, always select *日本(JPN)*.

Calling Landlines & Mobiles within the Same Country

　　Enter phone 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.

3-3

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.

Window Description

- Other Party's Number/Name
- Incoming Image
- Outgoing Image
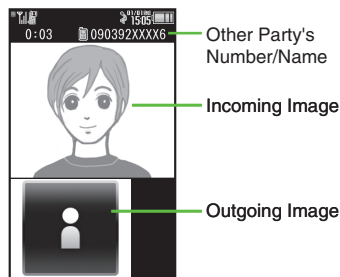
Important Video Call Usage Notes
- If both parties are using handset models without internal cameras, Video Call cannot be used as intended.
- If both parties are not using the same Video Call system, call may be interrupted. (Video Call charges apply.)
- Video Calls cannot be placed while TV is active.

Answering a Video Call

Incoming Call window opens for a call.
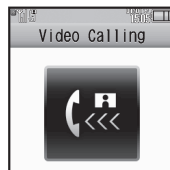
Video Calling

Incoming Video Call Window

1. s **to accept the call**
   ● Alternative Image is sent. (Video Call charges apply to the caller.)

2. y ➡ **Call ends**

Answering with Camera Image
   [Incoming Video Call Window] % ➡ *No* ➡ %

■ Engaged Video Call Operations

Toggle View	B
Toggle Outgoing Image	%
Open Help	A ➡ *Help* ➡ %

Placing a Video Call

1. **Enter phone number** ➡ %

2. *Video Call* ➡ %

   0:03 090392XXXX6
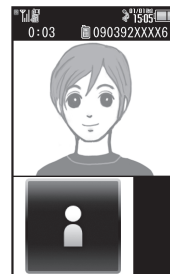
   ● Image appears when call is accepted.

3. y ➡ **Call ends**

Specifying Line when Using Double Number in Dual Mode
   After 1, *Select Line(Video)* ➡ % ➡ Select line ➡ %

Optional Services

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

Call Forwarding	Automatically divert all or all unanswered incoming calls to another preset phone number
Voicemail	Redirect all or unanswered calls to Voicemail Center; access messages from handset/touch tone phones
Call Waiting*	Answer incoming calls or open another line during a call
Group Calling*	Switch between open lines or connect multiple lines at once for teleconferencing
Caller ID	Show or hide your own number when placing calls
Call Barring	Restrict incoming/outgoing calls depending on conditions

*A separate contract is required.

Initiating Call Forwarding

Follow these steps to divert calls to a phone 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
   Voicemail
   Diverts
   Cancel All
   Status
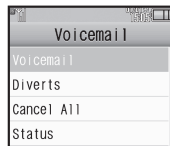
   Voicemail/Call Forwarding Menu

3. *Diverts* ➡ ●
4. Select call type ➡ ●
5. *No Answer* ➡ ●
6. *Phone Book* ➡ ● ➡ Select entry ➡ ●
7. Select phone number ➡ ●
   ● Omit ❷ if only one number is saved.
8. ●
9. Select ring time ➡ ●

Diverting Calls without Handset Response
   In ❺, *Always* ➡ ● ➡ ❻ - ❽
Entering Forwarding Number Directly
   In ❻, *Enter Number* ➡ ● ➡ Enter phone number ➡ ● ➡ Select ring time ➡ ●

Initiating Voicemail

Follow these steps to divert calls to Voicemail Center after selected ring time (*No Answer* set):

1 In Voicemail/Call Forwarding menu, *Voicemail* ➜ ● ➜ *Activate* ➜ ●

2 *No Answer* ➜ ● ➜ Select ring time ➜ ●

Diverting Calls without Handset Response
In 2, *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 out *Missed Calls* ➜ ● ➜ ●
● Follow the voice guidance for further operations.

Playing Messages

1 In Voicemail/Call Forwarding menu, *Voicemail* ➜ ●

2 *Play Voicemail* ➜ ●
● Follow the voice guidance for further operations.

Deleting New Voicemail Message Indicator
In 2, *Clear Indicator* ➜ ● ➜ *Yes* ➜ ●

Canceling Call Forwarding/Voicemail

1 In Voicemail/Call Forwarding menu, *Cancel All* ➜ ●

2 *Yes* ➜ ●

3-6

Creating Phone Book Entries

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

1 ● ➡ *Phone* ➡ ● ➡ *Add New Entry* ➡ ●

```
              15:05
    New Entry        
Last Name:
First Name:
Reading-Last Name:
Reading-FirstName:
```

2 *Last Name:* ➡ ● ➡ Enter last name ➡ ● ➡ *First Name:* ➡ ● ➡ Enter first name ➡ ●

```
              15:05
    New Entry        
Last Name:
Ueda
First Name:
Mikio
Reading-Last Name:
Ueda
Reading-FirstName:
Mikio
```

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

3 *Add Phone Number:* ➡ ● ➡ Enter phone number ➡ ● ➡ Select type ➡ ●

```
Reading-Last Name:
Ueda
Reading-FirstName:
Mikio
Tel 1:
  090392XXXX1
Add Phone Number:
Add Email Address:
```

● To save additional phone numbers, repeat **3**.

4 *Add Email Address:* ➡ ● ➡ Enter mail address ➡ ● ➡ Select type ➡ ●

```
Tel 1:
  090392XXXX1
Add Phone Number:
Email 1:
  aabb@xxx.yyy
Add Email Address:
Category:
  No Category
```

● To save additional mail addresses, repeat **4**.

5 *Category:* ➡ ● ➡ Select Category ➡ ●

```
              15:05
    New Entry        
Tel 1:
  090392XXXX1
Add Phone Number:
Email 1:
  aabb@xxx.yyy
Add Email Address:
Category:
  Friends
Address:
Office:
                Save
```

Phone Book Entry Window

6 [Y]

● Entry is saved to Phone Book.

Incoming Calls while Creating Entry
● Contents are temporarily saved. End the call to return.
Selecting Mode when Using Double Number in Dual Mode
  [Phone Book Entry Window] *Mode:* ➡ ● ➡ Select mode ➡ ● ➡ **6**

Personal Ringtone

Set tone for calls from saved numbers.

1. **In Phone Book entry window, select item, e.g., *Tone-Voice Call:* ➡ ⚫**

2. *Assign Tone* ➡ ⚫ ➡ Select folder ➡ ⚫

3. Select tone/file ➡ ⚫ ➡ ᵧ

Saving Secret Entries

Hide Phone Book entries to require Handset Code for access.

1. **In Phone Book entry window, *Secret:* ➡ ⚫**

2. *On* ➡ ⚫ ➡ ᵧ

Accessing Secret Entries
● ➡ ⌨ ➡ *Unlock Temporarily* ➡ ⚫ ➡ Enter Handset Code ➡ ⚫

Customizing Response by Category

1. ⚫ ➡ *Phone* ➡ ⚫ ➡ *Set Category* ➡ ⚫

2. Select Category ➡ ⌨ ➡ Select item ➡ ⚫

3. Select item ➡ ⚫ ➡ Select item, e.g., *Assign Tone* ➡ ⚫ ➡ Customize responses
   - Customize responses in the same way as Phone Book entries.
   - Not available for USIM Card.

Responses Set by Phone Book Entry
- Settings for each entry take priority.

Saving Numbers After Calls

After a call, save number to Phone Book.
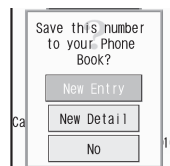
1. **When confirmation appears, *New Entry* ➡ ⚫ ➡ Complete other fields ➡ ᵧ**

Saving to an Existing Entry
In ❶, *New Detail* ➡ ⚫ ➡ Select entry ➡ ⚫ ➡ Complete other fields ➡ ᵧ

3-8

Using Phone Book Entries

Dialing via Phone Book

1 ⊙ ➔ ⊙ **Select katakana row**

Entry Search Window (By あかさたな)

● When using Double Number in Dual Mode, line indicators appear.

2 **Select entry** ➔ ⊙

3 **Select phone number**

4 ⌂

Placing Video Calls
After ⊙, ⊙ ➔ *Video Call* ➔ ⊙

Changing Search Method

Phone Book Search Methods:

By あかさたな	Shows entries with Readings that start with katakana in the specified row
By Category	Opens entries in the specified Category
By Reading	Shows all entries in Reading order (katakana, alphabetical then numerical)

1 **In entry search window,** ⊠ ➔ *Ph.Book Settings* ➔ ⊙

2 *Sort Entries* ➔ ⊙

3 **Select method** ➔ ⊙

Changing Search Method Temporarily
[Entry Search Window] ⊠ **(press to toggle search methods)**

Opening from Other Functions

Example: Enter a recipient via Phone Book when sending a message.
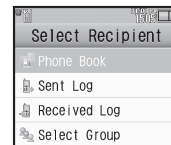
Select Recipient Window

1 *Phone Book* ➔ ⊙
● Entry search window opens.

2 **Select entry** ➔ ⊙

3 **Select phone 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, see
https://www.email.softbank.ne.jp/help/e/address.html.

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 sends new address
confirmation via S! Mail.

```
        Information
□ 1 Message




Clear        ●        Exit
```
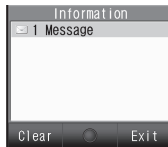
To save new address to My Details, follow
these steps. (New address is effective
even if not saved.)

1 *Message* ➡ ●

```
        Received Msg.
Mail              2/   2
■ Information        01/01 15:0
  Eメールアドレス案内
● Kimura Tetsu... 01/01 12:20
```

2 *Information* ➡ ●

3 *Yes* ➡ ●

```
       Edit My Details
Last Name:
Yamada
First Name:
Takako
Reading-Last Name:
Yamada
Reading-FirstName:
Takako
Tel 1 My :
📖 090392XXXX5
Add Phone Number:

Email 1 My :
📧 ccc@xxx.yyy
```

4 ⌨

4-1
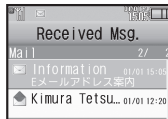
Sending S! Mail

Follow these steps to 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          0B
  Add Recipient
  Enter Subject
  Attach File    Auto Art
```
S! Mail Composition Window

2 Select recipient field ➜ ⦿

3 *Phone Book* ➜ ⦿

4 Select entry ➜ ⦿

5 Select number or mail address ➜ ⦿
- Omit **5** 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 ➜ ⦿
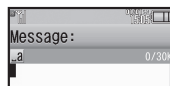
```
Message:
_a            0/30K
```
Text Entry Window

8 Enter message ➜ ⦿

```
S! Mail          526B
  Ueda Mikio
  Wedding
  Attach File    Auto Art
Please bring a camera a
nd a tripod to Mr. Yama
moto and Miss Kawahashi
's wedding next Sunday.
I will bring a camcord
er.
```
S! Mail Composition Window

9 ⊻ ➜ **Transmission starts**
- To cancel, press ⊻ during transmission.

Incoming Calls while Creating Message
- Content is saved temporarily. End the call to return.

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

Previewing Outgoing Message
After **8**, ⊠ ➜ *Preview Message* ➜ ⦿

Pictogram Entry
- In Pictogram List, press ☆ to toggle Cross-Carrier Pictograms and all Pictograms.
- Pictogram appearance may differ by carrier.

Specifying Line when Using Double Number in Dual Mode
[S! Mail Composition Window] ⊠ ➜ *Switch Line* ➜ ⦿ ➜ Select line ➜ ⦿

Converting to Graphic Mail
After **8**, *Auto Art* ➜ ⦿ ➜ Select decoration type ➜ ⦿ ➜ ⊻ (Next) or ⊠ (Prev.) ➜ ⦿ ➜ **9**
- To cancel conversion, follow these steps before **9**:
⊠ ➜ *Cancel Arrangement* ➜ ⦿ ➜ *Yes* ➜ ⦿

Attaching Files

Send attachments to compatible handsets.
Follow these steps to attach images to S! Mail:

1. **In S! Mail Composition window after composing message, select attachment field** ➡ ●

2. *Picture* ➡ ● ➡ **Select folder** ➡ ●

3. **Select file** ➡ ●

S! Mail	62KB
Ueda Mikio	
Wedding	
Attach (1)	Auto Art

Please bring a camera a
nd a tripod to Mr. Yama
moto and Miss Kawahashi
's wedding next Sunday.
I will bring a camcord
er.

File attached

4. ⒴ ➡ **Transmission starts**

Attaching Non-Image Files
- In ❷, select a folder other than *Picture* and press ●, then select a file.

Attaching Multiple Files
After ❸, *Attach (1)* ➡ ● ➡ *Attach File* ➡ ● ➡ *Picture* ➡ ● ➡ **Select folder** ➡ ● ➡ **Select file** ➡ ● ➡ ⒴ ➡ ❹

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

Auto Image Resize

Large images may be automatically reduced to approximately 400 - 500 KB by default.
Change resize setting via Picture Auto Resize in Create/Send Settings.

If Recipient Cannot Receive Large Messages (Up to 2 MB)
- Message may be truncated or attachments may be lost.

Sending SMS

Follow these steps to send SMS to a number saved in Phone Book:

1 ☑ ➡ *Create New SMS* ➡ ●
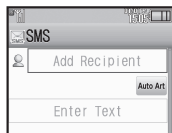
SMS Composition Window

2 Select recipient field ➡ ●

3 *Phone Book* ➡ ●

4 Select entry ➡ ●

5 Select number ➡ ●
● Omit **5** if only one number is saved.

6 Select message text field ➡ ●
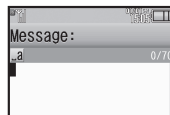
Text Entry Window

7 Enter message ➡ ●
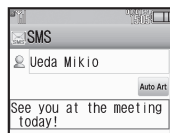
SMS Composition Window

8 ☑ ➡ **Transmission starts**

Incoming Calls while Creating Message
● Content is saved temporarily. End the call to return.

Personal Mode
● When recipient is entered via Phone Book, text entry window word suggestions change by recipient type.

When Message Text Exceeds Limit
● A confirmation appears. To convert SMS to S! Mail, choose *Yes* and press ●.

Specifying Line when Using Double Number in Dual Mode
[SMS Composition Window] ☑ ➡ *Switch Line* ➡ ● ➡ Select line ➡ ●

Entering Pictograms Automatically
After **7**, *Auto Art* ➡ ● ➡ ☑ (Next) or ☑ (Prev.) ➡ ● ➡ **8**

4-4

Customizing S! Mail Retrieval

Set complete S! Mail retrieval to manual (Server sends only initial portion of message text without attachments) or set handset to retrieve complete messages automatically by specifying sender type, mail address, etc.

Retrieving Messages Manually

1 ⊠ ➡ *Settings* ➡ ●

2 *Receive Settings* ➡ ●

3 *Message Download* ➡ ●

Message Download
DL Size Limit
Free(2MB)
Auto Settings
On(Up to 1MB)
Condition(Auto)
All Msg.(Not Include Spam …
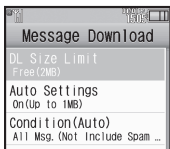
Message Download Menu

4 *Auto Settings* ➡ ●

5 *Off* ➡ ●

Retrieving Complete S! Mail Automatically when Approximate Size is 300 KB or Less
In 5, *On(Up to 300KB)* ➡ ●

Restricting Automatic Retrieval

By Sender Type

1 In Message Download menu, *Condition(Auto)* ➡ ●

2 *Selected Mail* ➡ ⊠

Selected Mail
■ Phone Number
□ Saved Address
□ My Folders
□ Individual Address
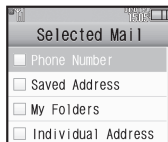
Selected Mail Menu

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 ● (✓) ➡ ⊠

Restricting by Domain (Direct Entry)
[Selected Mail Menu] *Receive by the Domain* ➡ ⊠ ➡ Select blank entry ➡ ● ➡ *Direct Entry* ➡ ● ➡ Enter domain ➡ ● ➡ ⊠ ➡ 5

4-5

Managing & Using Messages

Messaging Folders

Messages are organized in folders by type.

- Received Messages
- Incomplete/ Unsent Messages
- Sent Messages
- Failed or Send Reservation Messages
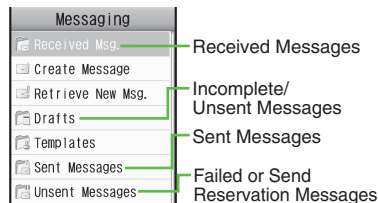
Auto Delete
- Oldest received/sent messages are deleted automatically to save new ones when memory is full. Protect important messages to avoid unintentional deletion.

Opening Help
- Follow these steps in folder list, message list or message window:
  ⊠ ➜ *Help* ➜ ●
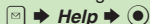
When Failed Message is Saved
- A reminder message appears upon opening Messaging menu.

Checking 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 sub folders. To open full message list, hide sub folders and press ●.

2 Select folder ➜ ●

Message List

3 Select message ➜ ●
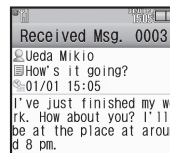
Message Window

Protecting Messages

1 **In message list, select message** ➜ ⊠ ➜ *Manage Msg.* ➜ ●

2 *Lock* ➜ ●

Canceling Protection
In 2, *Unlock* ➜ ●

Window Description

Message List
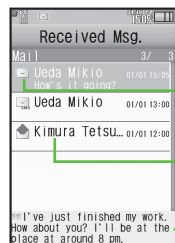
Message Type/Status (see below)

Sender or Recipient

Message Text

■ 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
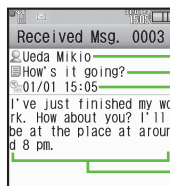
Sender or Recipient

Subject (except for SMS)

Received or Sent Date & Time

Message Text

Press [✶] or [#] to open other messages (higher or lower in message list).

Changing Font Size
[Message Window] [3] **(Long) to enlarge or** [1] **(Long) to reduce**

PC Mail

Receive or reply to PC mail account messages.

Save PC mail account information to handset:

- User Name
- Incoming Mail Server
- Password
- Outgoing Mail Server
- Mail Address

Retrieve mail delivered to ISP or Yahoo! accounts.

- Alternatively, use automatic message retrieval option.

SH ⬌ **SBM Server** ⬌ **Local ISP** ⬌ 💻📱

SBM Server ⬌ **Yahoo! Japan** ⬌ 💻📱

Messages are saved in unique folders; reply to/send messages via PC mail account addresses.

PC Mail Folder

Received Msg.
- Mail
- Folder 1
- Folder 2
- Folder 3
- Spam Folder
- Work
- Folder 1
- Folder 2

Received Msg.
Ueda MIKIO
Ito Jun 01/01 13:00
Tomorrow's meeting

How are you?
Thank you for helping me at the meeting today.

Important PC Mail Usage Notes

- 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; remember this, especially 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 handset 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 via e-mail software beforehand.

Mandatory Items for Retrieval

User Name	Required to connect to incoming mail server
Password	Required to connect to incoming mail server
ReceivingServer	Incoming mail server address

Mandatory Items for Transmission

Mail Address	Address to use PC Mail
Sender Server	Outgoing mail server address

Setting Other Items
- Edit information as needed; for description, select an item and press ⊡.

1. ⊡ ➡ *Settings* ➡ ◉ ➡ *PC Mail Settings* ➡ ◉

PC Mail Settings
PC Mail Account
PC Mail DL
Beginning Only
Auto Check
Off
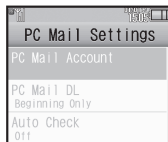
2. *PC Mail Account* ➡ ◉

3. *<Empty>* ➡ ◉

4. *Account Name* ➡ ◉ ➡ Enter name ➡ ◉

5. *Set Receiving* ➡ ◉ ➡ Select item ➡ ◉ ➡ Select/enter item ➡ ◉ ➡ ⁿ
- User Name, Password and ReceivingServer are mandatory.

6. *Set Sending* ➡ ◉ ➡ Select item ➡ ◉ ➡ Select/enter item ➡ ◉
- Mail Address and Sender Server are mandatory.

7. ⁿ ➡ ⁿ ➡ ◉
- If a confirmation appears, follow onscreen prompts.

Using Yahoo! Mail Addresses
In ❸, *Set Quick Yahoo! Mail* ➡ ◉ ➡ *Yes* or *No* ➡ ◉
- Follow onscreen instructions.
- Choose *No* to create a new account.

Editing Accounts
In ❸, select account ➡ ◉ ➡ From ❹

Deleting Accounts
In ❸, 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 ❸, *Set Sending* ➡ ◉ ➡ *Sender Auth.* ➡ ◉ ➡ *SMTP Auth.* ➡ ⊡ ➡ *User Name* ➡ ◉ ➡ Enter name ➡ ◉ ➡ *Password* ➡ ◉ ➡ Enter password ➡ ◉ ➡ ⁿ ➡ ⌨ ➡ ❼

4-9

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 ➜ ●

<to be continued> 1KB
Options   More
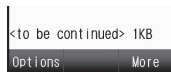
Message Window

- 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 ❶, select account ➜ ● ➜ ❸
■ Omit ❸ if only one message is retrieved.

Sending PC Mail

Follow these steps to create and send PC Mail:

1 ⌨ ➜ *Create Message* ➜ ●

2 Select PC Mail Account ➜ ●

3 Complete message ➜ ☒ ➜
Transmission starts

Converting to S! Mail
After ❷, ⌨ ➜ *Convert to S! Mail* ➜
● ➜ *Yes* ➜ ●
Note
- Single-byte katakana and Pictograms are not supported.

Service Basics

Access the Mobile Internet via Yahoo! Keitai, or view PC Internet sites via PC Site Browser or Direct 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**).
- Outside Japan, Yahoo! Keitai and PC Site Browser cannot be used over Wi-Fi.

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., via Browser Settings for Yahoo! Keitai).

Security
Electronic certificates are saved on handset to support SSL (encryption protocol for Internet transmissions of important/sensitive information).

Opening Secure Pages
- A confirmation appears. Choose *Yes* and press ● to proceed.
- When a security notice appears, subscribers must decide for themselves whether or not to open the page. Opening secure pages constitutes agreement to the terms of usage. SoftBank, VeriSign Japan, Cybertrust, Entrust Japan, GMO GlobalSign, RSA Security, SECOM Trust Systems and Comodo Japan cannot be held liable for any damages associated with the use of SSL.

Using Yahoo! Keitai

Access Yahoo! Keitai sites via 3G Network or Wi-Fi.

- To use Wi-Fi, subscribe to Keitai Wi-Fi and complete related settings.
- Within registered access point range, handset connects to the Internet via Wi-Fi automatically whenever possible; switch between 3G and Wi-Fi manually.
- Network does not switch to Wi-Fi automatically if Wi-Fi signal reception is poor or after switching it to 3G manually.
- Internet pages may not open depending on connection/Server status, etc.

Using Yahoo! Keitai Main Menu

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

1 Y ➡ **Connection starts**

Cursor

YAHOO! メニューリスト タウンメニュー ちイニュー MyYahoo!
検索
News!
天気 株価 スポーツ 野球 テレビ
路線 地図 占い 映画 動画
音楽 ゲーム SNSゲーム ショッピング ヤフオク
●● メール デコメメール 知恵袋 圖ほか
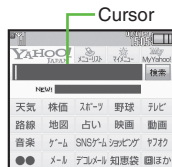
Internet Page

- Yahoo! Keitai Main Menu opens.
- To disconnect, press Y.

2 **Highlight menu item ➡ ●**
- Corresponding page opens.
- Repeat **2** to open additional links.

3 🕾 ➡ *Yes* ➡ ● ➡ **Page closes**

Returning to Previous Pages
[Internet Page] Y ➡ **Previous page opens**
- Follow these steps to return to the initial page:
  [Internet Page] ⊠ ➡ *Forward* ➡ ●

Returning to Yahoo! Keitai Main Menu
[Internet Page] ⊠ ➡ *Yahoo! Keitai* ➡ ●

User Authentication
- Follow these steps to open pages requiring authentication:
  Enter user ID or password ➡ ● ➡ Y

Using History
  ● ➡ *Yahoo!* ➡ ● ➡ *History* ➡ ● ➡ **Select record** ➡ ●

Entering URLs Directly
  ● ➡ *Yahoo!* ➡ ● ➡ *Enter URL* ➡ ● ➡ **Enter URL** ➡ ●

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.)

Switching between 3G and Wi-Fi Manually
  [Internet Page] ⊠ ➡ *Convenient Functions* ➡ ● ➡ *Switch Wi-Fi/3G* ➡ ● ➡ **Select network** ➡ ●

Browsing in Wideview
  [Internet Page] Rotate handset 90 degrees counterclockwise
- Use Multi Selector according to page orientation.

Browsing PC Sites

View PC Internet sites via PC Site Browser or Direct Browser. (Direct Browser requires Wi-Fi connection.)

- To use Wi-Fi, subscribe to Keitai Wi-Fi and complete related settings.
- When using PC Site Browser within registered access point range, handset connects to the Internet via Wi-Fi automatically whenever possible; switch between 3G and Wi-Fi manually.
- Network does not switch to Wi-Fi automatically if Wi-Fi signal reception is poor or after switching it to 3G manually.
- Browsing PC sites via PC Site Browser 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* or *Direct Browser* ➡ ●

3. *Homepage* ➡ ● ➡ **Connection starts**

   Internet Page — Pointer

   - Yahoo! JAPAN Home opens.
   - If a message appears, follow onscreen prompts.
   - To disconnect, press [ʏ].

4. **Highlight menu item** ➡ ●
   - Corresponding page opens.
   - Repeat ❹ to open additional links.

5. [☎] ➡ *Yes* ➡ ● ➡ **Page closes**

Direct Browser
- Use this Wi-Fi-based browser to view PC sites without using SoftBank 3G Network service.

Returning to Previous Pages
  [Internet Page] [ʏ] ➡ **Previous page opens**
- Follow these steps to return to the initial page:
  [Internet Page] [☒] ➡ *Forward* ➡ ●

Returning to Yahoo! JAPAN Home
  [Internet Page] [☒] ➡ *Homepage* ➡ ●

User Authentication
  Enter user ID or password ➡ ● ➡ [ʏ]

Using History
  In ❸, *History* ➡ ● ➡ **Select record** ➡ ●

Entering URLs Directly
  In ❸, *Enter URL* ➡ ● ➡ **Enter URL** ➡ ●

Switching between 3G and Wi-Fi Manually (PC Site Browser)
  [Internet Page] [☒] ➡ *Convenient Functions* ➡ ● ➡ *Switch Wi-Fi/3G* ➡ ● ➡ **Select network** ➡ ●

Browsing in Wideview
  [Internet Page] **Rotate handset 90 degrees counterclockwise**
- Use Multi Selector according to page orientation.

5-3

Basic Operations

Page Browsing

Scrolling Pages

If page content continues beyond view, use 🕹 to scroll pages.
Long Press 🕹 to scroll continuously.
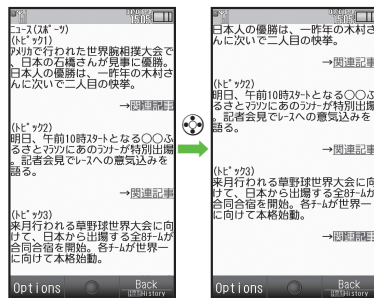
Switching Frames

On framed pages, Long Press 🔲 to switch active frame.
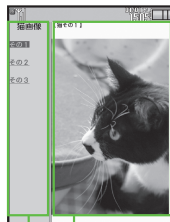
Frames

- In pointer navigation, point to a frame and press ● to select it.
- Otherwise, use 🕹 to select one.
- Alternatively, tap a frame to select it.

Viewing Single Frame
[Internet Page] Select frame ➡ 🔲 ➡
Convenient Functions ➡ ● ➡
Frame In ➡ ●
■ To return, press 🔙.

Tabbed Browsing

Open another page in a new tab and switch between tabs.

■ **Opening a New Tab**

1. **On a page, select menu item ➡ 🔲 ➡ *Tab Menu* ➡ ●**

2. ***Open in New Tab* ➡ ●**
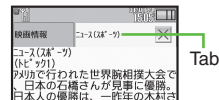
Tab

■ **Switching Tabs**

1. **⊞ (Long) ➡ 🕹 Select tab ➡ ●**
   - In pointer navigation, point to a tab and press ● to open it.
   - Alternatively, tap a tab to open it.

Closing Tabs
⊞ (Long) ➡ 🕹 Select tab ➡ ● ➡
🔲 ➡ *Tab Menu* ➡ ● ➡ *Close Tab*
or *Close All Other Tabs* ➡ ●

Selecting Items in Enlarged View

Enlarge area to select items with finger.

1. **On a page, Long Touch area**
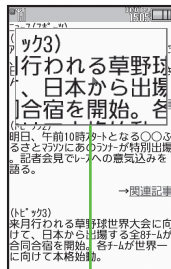
Enlarged View

2. **Drag to highlight item in enlarged view ➡ Release**

Enlarging Areas in Pointer Navigation
[Internet Page] Point to area ➡
7️⃣ **(Long)**
- 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. Follow these steps to use a dictionary: (Text may not be selectable or linked page may open depending on site or page.)

1. **On a page, point to first character ➡ ● (Long)**
- Drag Mode activates.

2. **Highlight text range**

3. ●
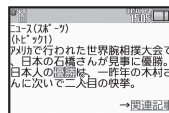
4. 辞書⃝ **➡ Select dictionary ➡ ●**
- Dictionary opens with text inserted.

5. *Search* **➡ ● ➡ Select word, etc. ➡ ●**

Starting Over
After ❸, point to first character ➡ ●
➡ From ❷

Additional Page Operations

Enter text or select/execute items.

Text Entry Field
Buttons
Menu List
Command Button
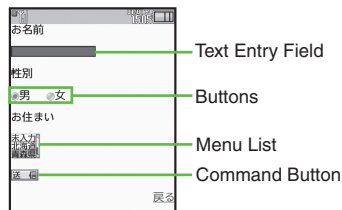
Text Entry

1. **On 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. **On a page, select menu list field ➡ ●**

2. **Select item ➡ ●**

When Multiple Selection is Supported
  ● Select items as needed and press ⌨.

Page Item Indicators

■ **Selection Items**
Buttons ◉ or boxes ☐ appear.

1. **On a page, select button or box ➡ ●**

   ● ◉/☐ changes to ◉/☑.

■ **Execution Items**
Execute the assigned command.

1. **On a page, select command ➡ ●**

5-6

Wi-Fi (Wireless LAN)

004SH supports wireless LAN (hereafter "Wi-Fi") that enables Internet connection via private Wi-Fi network, public wireless LAN service, etc. Handset connects to the Internet via Wi-Fi automatically whenever possible, allowing high-speed communication without switching networks.

Subscribe to Keitai Wi-Fi to use Wi-Fi.
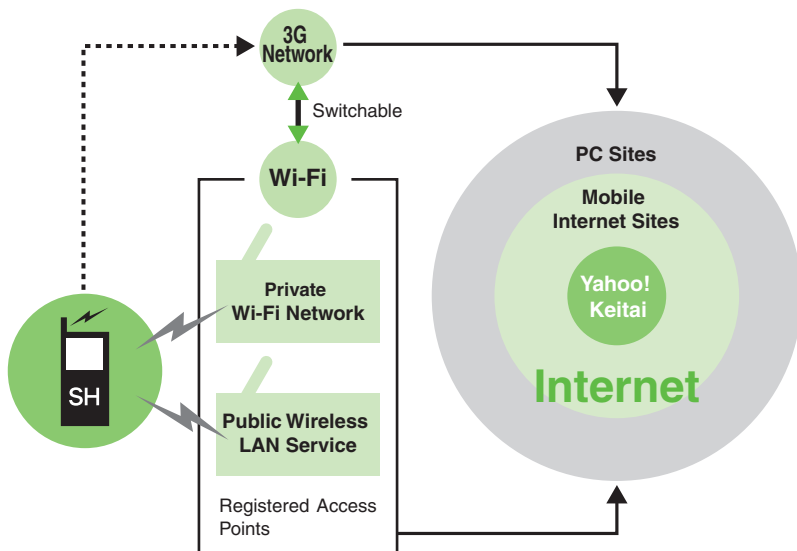
Service Usage Outline
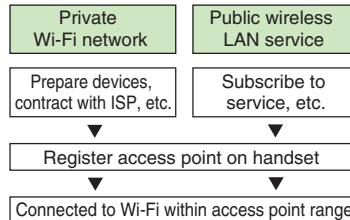
Registering Access Points

● Save access point information to handset to use Wi-Fi.
 ■ Handset connects to registered access points automatically.
● Access point search may take some time depending on the number of registered access points.

Important Wi-Fi Usage Note

● Depending on signal conditions, connection may automatically switch from Wi-Fi to 3G incurring packet transmission fees; set confirmation to appear as needed.

Registering Private Access Points

- Broadband connection, ISP subscription and Wi-Fi access point are required.
- To connect to corporate access points, consult the system administrator for settings.
- Configure settings on Wi-Fi access points beforehand. (For details, see the access point guide.)
- Access point information (SSID, authentication method, encryption method, security key, etc.) is unique to each access point. Check it beforehand.

Using AOSS™ or WPS

AOSS™ and WPS are systems/standards for easy access point registration and security configuration; available on compatible Wi-Fi access points.

Using AOSS™

1. $\textcircled{\scriptsize{●}}$ ➜ *Tools* ➜ $\textcircled{\scriptsize{●}}$ ➜ $\textcircled{\scriptsize{◉}}$ *Connectivity* ➜ *Wi-Fi* ➜ $\textcircled{\scriptsize{●}}$

   Wi-Fi
   Switch On/Off
   Create Profile
   Profile List
   Common Settings
   Application
   What's Keitai Wi-Fi?

   Wi-Fi Menu

2. *Create Profile* ➜ $\textcircled{\scriptsize{●}}$

   Create Profile
   Search Access Point
   Manual
   Create by AOSS
   Create by WPS
   Wi-Fi Spot
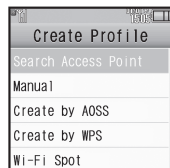
   Create Profile Menu

3. *Create by AOSS* ➜ $\textcircled{\scriptsize{●}}$

4. $\textcircled{\scriptsize{●}}$
   - Follow onscreen instructions.
   - To cancel, press $\boxed{\text{Y}}$.
   - Handset connects to Wi-Fi upon completion of registration (Switch On/Off: *On*).

Using WPS

Example: Push Button Configuration (PBC) method

1 **In Create Profile menu,** *Create by WPS* ➡ ●

2 ●
 - Follow onscreen instructions.
 - To cancel, press ⌨.
 - Handset connects to Wi-Fi upon completion of registration (Switch On/Off: *On*).

Using PIN Method
 - Enter an eight-digit number (PIN) generated by handset into the access point.
   After ❶, ⌨ ➡ *PIN entry* **➡ ● ➡ ●**
   ➡ Enter number on Display into access point ➡ ●

Access Point Search

1 **In Create Profile menu,** *Search Access Point* ➡ ●

```
Searched Result
XXXXXXXXXXX        🔊
```
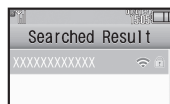
 - To cancel search, press ⌨.

2 **Select access point ➡** ●

3 **Enter corresponding security key ➡** ●

4 *Yes* ➡ ●
 - Handset connects to Wi-Fi (Switch On/Off: *On*).

If Encryption Method is WEP
 - After ❸, authentication method selection window opens. Select a method according to the access point.

6-3

Registering Access Points Manually

Check access point information beforehand.

Major Items

■ Access Point Profile

Profile Name	Enter a name
SSID	Enter the same SSID as the access point

■ Security

Authentication Method	Supported authentication methods vary by access point; set accordingly
Encryption Method	Supported encryption methods vary by authentication method; set according to access point
Security Key	Enter the security key (also called "encryption key," "network key" or "passphrase") set on the access point

Entering Information

Example: Authentication Method is WPA/WPA2-PSK Auto.

1. **In Create Profile menu, *Manual* ➜ ●**

2. ***Profile Name* ➜ ● ➜ Enter name ➜ ●**

3. ***SSID* ➜ ● ➜ Enter SSID ➜ ●**

4. ***Security* ➜ ●**

   Security
   Authentication Method
   Open System
   Encryption Method
   WEP
   Security Key
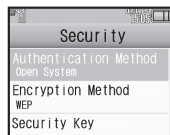
   Security Menu

5. ***Authentication Method* ➜ ● ➜ Select method ➜ ●**

6. ***Encryption Method* ➜ ● ➜ Select method ➜ ●**

7. ***Security Key* ➜ ● ➜ Enter security key ➜ ●**

8. **[Y] ➜ [Y]**

9. ***Yes* ➜ ●**
   - Handset connects to Wi-Fi (Switch On/Off: *On*).

If Authentication Method is *Open System* & Encryption Method is *No Authentication*
- Omit security key entry.

If Encryption Method is *WEP*
   In 7, *<Empty>* ➜ ● ➜ Enter WEP key ➜ ● ➜ [Y] ➜ From 8

Using Public Wireless LAN Services

- Subscription with the corresponding service provider, etc. is required.
- Access point information (SSID, authentication method, encryption method, security key, etc.) is unique to each access point. Check it beforehand.
- Subscribe to Keitai Wi-Fi to use SoftBank Wi-Fi Spot or BB mobilepoint (provided by SOFTBANK TELECOM) access points.
  - For more about BB mobilepoint, see SOFTBANK TELECOM Website at http://tm.softbank.jp/english/consumer/wlan/index.html.

Using Wi-Fi Spot

1. ● ➜ *Tools* ➜ ● ➜ ◌ *Connectivity* ➜ *Wi-Fi* ➜ ●

2. *Create Profile* ➜ ●

   Create Profile
   Search Access Point
   Manual
   Create by AOSS
   Create by WPS
   Wi-Fi Spot
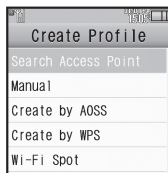
   Create Profile Menu

3. *Wi-Fi Spot* ➜ ●

4. *Password* ➜ ● ➜ Enter password ➜ ●

5. ⊻

6. *Yes* ➜ ●
   - Handset connects to Wi-Fi (Switch On/Off: *On*).

Using Other Public Wireless LAN Services

- Check public wireless LAN service information beforehand.
- **Connection to some public wireless LAN services may not be possible.**

1. In Create Profile menu, *Manual* ➜ ●

2. Complete fields
   - For details, see **P.6-4** "Entering Information."

3. *Advanced Settings* ➜ ● ➜ *WISPr Settings* ➜ ●

4. *User ID* ➜ ● ➜ Enter ID ➜ ●

5. *Password* ➜ ● ➜ Enter password ➜ ●

6. *Switch On/Off* ➜ ● ➜ *On* ➜ ●

7. ⊻ ➜ ⊻ ➜ ⊻

8. *Yes* ➜ ●
   - Handset connects to Wi-Fi (Switch On/Off: *On*).

Infrared

Wirelessly transfer files between 004SH and compatible devices.

004SH 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.
● Some files may not be transferable; some settings may be lost, or files may not be saved properly.

Getting Started

Infrared Precautions

Align Infrared Ports of both devices.
● Handset cannot receive connection requests during Software Update.
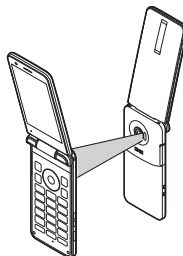
● Do not place objects between devices.
● Keep Infrared Ports aligned during transfer.
● Do not look into Infrared Port during infrared transmissions. Eyesight may be affected.
● 004SH complies with IrMC 1.1, however, some files may not transfer properly.

Transfer Options

One File Transfer	Transfer single files
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.
● Transfer Memory Card files one by one.

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

Transferring Files via Infrared

Receiving Files

1. ● ➡ *Tools* ➡ ● ➡ ⊙
   Connectivity ➡ *Infrared* ➡ ●

2. *Switch On/Off* ➡ ● ➡
   On(3 min.) ➡ ●

   Indicator

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

3. **Connection request arrives**

   Start to receive
   UedaMikio.
   Save to Phone
   Book?

   Yes
   No
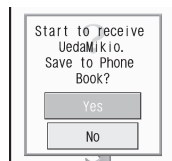
   Request Window

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 phone number is overwritten as well.

■ **IrSS Transfer**
Yes ➡ ●

- Files are saved to Data Folder (Pictures).

6-7

Sending Files

One File Transfer

Example: Phone Book entry

1 $\circledcirc$ ➡ **Select entry** ➡ $\boxed{\circ}$ ➡
Send Entry ➡ $\odot$

2 *Via Infrared* ➡ $\odot$ ➡
Transfer starts

● When complete, entry search window returns.

All File Transfer

1 $\odot$ ➡ *Tools* ➡ $\odot$ ➡ $\odot$
Connectivity ➡ *Infrared* ➡ $\odot$

2 *Send All* ➡ $\odot$

3 *Yes* ➡ $\odot$ ➡ **Enter Handset Code** ➡ $\odot$

4 **Select item** ➡ $\odot$ ($\boxed{}$/$\boxed{\checkmark}$) ➡
Complete selection ➡ $\boxed{\text{Y}}$

5 **Enter Authorization Code** ➡
$\odot$ ➡ **Transfer starts** ➡ $\odot$

Sending Phone Book

● In 5, Picture transfer confirmation appears; choose *Yes* or *No* and press $\odot$.

Sending JPEG Images at High Speed

1 $\odot$ ➡ *Data Folder* ➡ $\odot$

2 *Pictures* or *DCIM* ➡ $\odot$
For *DCIM*, select a folder and press $\odot$.

3 **Select image** ➡ $\boxed{\text{Y}}$ **(Long)**

4 *Yes* or *No* ➡ $\odot$ ➡ **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 via infrared. Read **P.6-6** "Infrared Precautions" beforehand.

Receiving Profiles

1 ⓠ **(Long)**

> Exchange Profile
> Send 📇
> Receive 📇
> Send Settings
> My Details
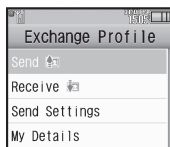
Exchange Profile Menu

2 *Receive* ➡ ⊙

3 **Profile received**

> Saved UedaMikio to
> [Phone] Phone
> Book.
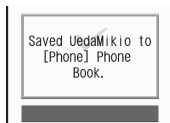
● Received profile is saved to Phone Book.

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* ➡ ⊙

6-9

Bluetooth®

Wirelessly transfer files/data between 004SH and compatible devices (watches, handsfree devices, etc.).

- For transferable files, see **P.6-6**.
- 004SH 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 004SH 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 sync
  - Alarm notice
  - News notice
  - Mail notice
  - Remote Shutter
  - Mode Settings
  - Quick Silent
  - Caller ID notice
  - Hold calls
  - Show Operator Name
- For details about functions/operations, see the Bluetooth® watch guide.

Bluetooth® Connection

Sender	Recipient
Search for devices ➡	
Select device ⬅	Activate Bluetooth®
▼	
Request connection ➡	
	▼
	Accept
	▼
Connection complete	
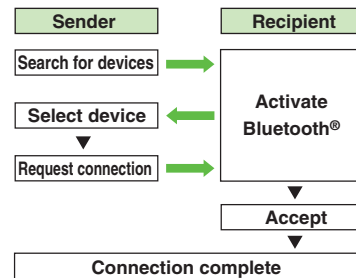
Authorization Code
- 4 to 16-digit code required for Bluetooth® connections with devices not compliant with Bluetooth® specification Ver. 2.1.
  - For handsfree devices, enter specified Authorization Code.

Transferring Files via Bluetooth®

Activating Bluetooth®

1 ⊙ (Long)

Indicator

- Bluetooth® is activated.
- 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

Activate Bluetooth® on devices to be paired with first.

1 ● ➔ *Tools* ➔ ● ➔ ⊙ *Connectivity* ➔ *Bluetooth* ➔ ●
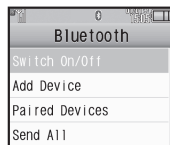
```
                Bluetooth
Switch On/Off
Add Device
Paired Devices
Send All
```
Bluetooth Menu

2 *Add Device* ➔ ●

```
Pa  Set the other
Se  Bluetooth device
    ready for paring.
    See the device
    manual for the
My  procedure.
My  ☑ Show next time.
```
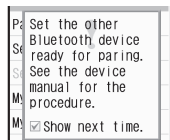
- To hide message, press ☒ before ❸.

3 ●

- Found devices are listed after search.
- To cancel search, press ☒.

4 Select device ➔ ●

If a confirmation appears, choose *Yes* and press ●.

5 *Yes* ➔ ● ➔ **Pairing complete**

- If the other device is a keyboard, follow onscreen instructions.

Connecting Devices Not Compliant with Bluetooth® Specification Ver. 2.1
In ❺, enter the same Authorization Code for handset and the other device ➔ ● ➔ **Paring complete**
- On the other 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* ➡ ●**

All Paired Devices
🛵 XXXXX ☑
  unused
🎧 XXXXXX ☐
  unused

Paired Device List

2 **Select device ➡ ●**

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

● The device is connected and ☑ (preferred) appears.

Accepting Connection Requests

Follow these steps to accept connection requests from unpaired devices:

1 **Connection request arrives**

XXXX
Add to my devices?

Yes
No

Request Window

2 **Yes ➡ ●**

The passkey displayed on the screen each other corresponds?
passkey:XXXXXX

Yes
No
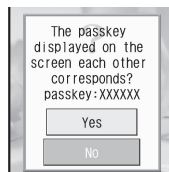
3 **Yes ➡ ●**

● If the other device is a keyboard, follow onscreen instructions.

Connecting Devices Not Compliant with Bluetooth® Specification Ver. 2.1
   In ③, enter the same Authorization Code as sender's ➡ ●
■ Complete code entry within 30 seconds.

Transferring Files

Follow the steps below to exchange files with paired devices.

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

Receiving Files

1. **Connection request arrives**
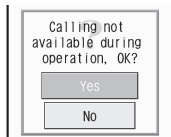
   ```
   Calling not
   available during
   operation, OK?

        Yes
        No
   ```
   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 phone number is overwritten as well.

Sending Files

■ **One File Transfer**
Example: Phone Book entry

1. 🔘 ➡ Select entry ➡ 🖂 ➡ *Send Entry* ➡ ⚫

2. *Via Bluetooth* ➡ ⚫

3. Select device ➡ ⚫ ➡ **Transfer starts**
   - When complete, entry search window returns.

■ **All File Transfer**

1. **In Bluetooth menu,** *Send All* ➡ ⚫

2. Select device ➡ ⚫ ➡ *Yes* ➡ ⚫

3. Enter Handset Code ➡ ⚫

   ```
   out            0
           Send All
   ☐  Phone Book
   ☐  Appointments/Ta...
   ☐  Bookmarks
   ☐  Notepad
   ☐  Received Messag...
   ☐  Sent Messages
   ☐  Drafts
   ```
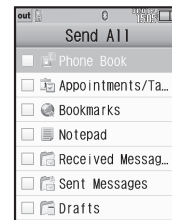
4. Select item ➡ ⚫ (☐/✓) ➡ Complete selection ➡ 🔳 ➡ **Transfer starts** ➡ ⚫

Sending Phone Book
- In ④, Picture transfer confirmation appears; choose *Yes* or *No* and press ⚫.

6-13

Connecting PC

Accessing Memory Card

Connect handset to a PC via USB Cable to access Memory Card from the PC without removing card from handset. USB Cable may be purchased separately.

1 **Connect handset to a PC via USB Cable**

USB Mode
Modem/Data
Card Reader Mode
Recorder Link
MTP Mode
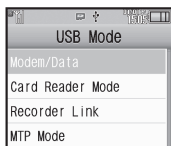
2 *Card Reader Mode* ➡ ●
● Use PC to access Memory Card.

3 ☒ ➡ *Yes* ➡ ● ➡ **Connection ends**
● Disconnect USB Cable.

If Menu in ❶ Does Not Appear
● Follow these steps:
    ● ➡ *Tools* ➡ ● ➡ ⊙ *Connectivity*
    ➡ *USB Mode* ➡ ● ➡ **From ❷**
■ 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/download/tools/utility/

Mobile Data Communication Fees
● Using the Internet by connecting handset to PC/PDA via 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

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.*	Used Log

*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
■ Used Log

Precautions

● Not available if battery is low.
● Backup may fail if Memory Card memory is low.
● Some items may not be transferable; some settings may be lost, or files may not transfer properly.

Auto Delete (Auto Backup Files)
● Auto Backup saves up to three backup files for each item; when full, oldest files are deleted automatically 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.

6-15

Backup & Restore

Manual Backup

Follow these steps to back up selected items at once:

1. ● ➙ *Settings* ➙ ● ➙ ⊙ *Phone/* ➙ *Backup/ Restore* ➙ ●

   Backup/Restore
   - Backup All Items
   - Backup Selected Items
   - Restore All Items
   - Restore Selected Items
   - File Management
   - Settings
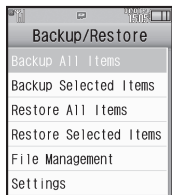
   Backup/Restore Menu

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 at Once
   In ❹, ⊠ ➙ Select option ➙ ● ➙ From ❺
   Selecting/Canceling All Items
   In ❹, ⊠ ➙ *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)

At Auto Backup Time

Backup starts; Information window opens upon completion.
Select *Complete Auto Save* and press ● to open backup result.

Changing Settings

Follow these steps to back up once a week automatically:

1. **In Backup/Restore menu, *Settings* ➔ ●**

2. ***Auto Backup* ➔ ● ➔ Enter Handset Code ➔ ●**
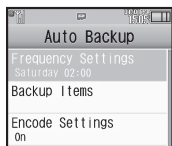
   ```
   Auto Backup
   Frequency Settings
   Saturday 02:00
   Backup Items
   Encode Settings
   On
   ```
   Auto Backup Menu

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 ➔ ● ➔ ⑤

Disabling Auto Backup
  In ④, *Don't Auto Backup* ➔ ●

Disabling Encoding
  [Auto Backup Menu] *Encode Settings* ➔ ● ➔ *Off* ➔ ●

Memory Card to Handset

Follow these steps 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 ⑤.

4. **Select file ➔ ●**
   ● Repeat ④ to complete selection.

5. **⚟**

6. ***Yes* ➔ ●**
   ● To cancel, press ⚟.

7. **Restore complete ➔ ● ➔ ●**

Selecting Multiple Items at Once
  In ②, ✉ ➔ Select option ➔ ● ➔ From ③

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 ③

Getting Started

Capture still images or record video.

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

004SH 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 soft dry cloth before use.
- Mobile camera is a precision instrument, however, some pixels may appear brighter or darker.
- Shooting/saving images while handset is hot may affect the image quality.
- Exposing lens to direct sunlight may damage color filter and affect image color.

Auto Shut-off
- Before image capture/recording, mobile 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)*	9.5M
	Pro Auto Camera	Capture nearby subjects easily (settings mostly changeable)	Normal(Face)	9.5M
	Quick Camera	Capture distant scenery quickly	Manual Focus*	3M
Subject & Conditions	**Scene Cameras**	Select one according to subject/shooting conditions	Normal(Face)*	9.5M
	Monochrome Camera	Capture black and white images	Normal(Face)*	9.5M
	Sepia Camera	Capture sepia images	Normal(Face)*	9.5M
	Long Exposure Camera	Capture images in low light (fireworks, night scenes, etc.)	Normal(Face)*	9.5M
	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 image and set it as Wallpaper	Normal(Face)	Wallpaper*
	Auction Camera	Use guide to capture multiple images for posting on auction sites	Center Auto Focus	VGA
	Messaging Camera	Capture and send images via mail easily	Normal(Face)*	VGA
	Blog Camera	Capture and post images 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	Normal(Face)*	9.5M
	Smile Camera	Release shutter automatically when subject smiles	Normal(Face)*	9.5M
	Self Timer Camera	Release shutter automatically after selected time elapses	Normal(Face)*	9.5M
Consecutive Shooting	**Rapid Shooting Camera**	Capture up to 100 images rapidly	Center Auto Focus	QVGA
	Three-Shot Camera	Capture three consecutive images of up to 9.5M size automatically	Normal(Face)	9.5M
	Best Select Photo	Select best image from a series of rapid shot images including moments immediately before shutter releases	Center Auto Focus	QVGA
Fun Cameras	**Fish-eye Camera**	Capture images with enhanced barrel distortion as if shot with full-frame horizontal fisheye lens	Center Auto Focus*	3M
	Miniaturize Camera	Capture images of scenery, etc. that resemble miniature models as if shot with a tilt-shift lens	Center Auto Focus*	5M
	Drawable Camera	Drag on captured image to scribble or sketch	Normal(Face)*	Wallpaper

	Description	Focus Mode	Size
Additional Cameras → **Pretty Arrange Camera**	Touch up faces in captured images	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 video	Normal(Portrait)	HD*
Video Camera → **Pro Auto Video Camera**	Record video with more customizable options	Normal(Portrait)	HD
Golf Swing Video Camera	Record and check golf swing	—	Wide*
Video Camera for Mail	Record small video easily to send it via mail	Normal(Portrait)	QCIF

Capturing Still Images

Capture images in portrait or landscape. Unless noted otherwise, image capture descriptions are portrait image based.

Using Photo Camera

Follow these steps to capture someone's image via *Easy Auto Camera*:

1 ⓐ➡ ➡ **Frame subject on Display**

Photo Viewfinder
(face detected)

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

2 ⓔ
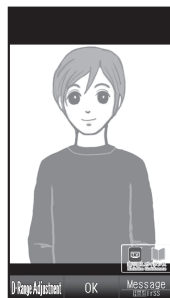
Captured Image Window

● Shutter clicks; captured image is saved.

3 ⓔ

● Viewfinder returns.
● Open saved images via Album 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. Follow these steps to turn Mobile Light off:

[**Photo Viewfinder**] ⓔ ➡ *Mobile Light* ➡ ⓔ ➡ *Off* ➡ ⓔ

Face Auto Focus

● Focus locks on the face of a detected person or pet automatically 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 images to designated folder (Portrait & Pet).

■ Camera cannot detect registered faces and pets at the same time.

Landscape Orientation

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

1 In Photo Viewfinder, rotate handset 90 degrees
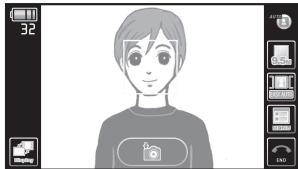
Pre-Image Capture Operations

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.

Touch Panel

Menu icons or camera indicators appear on Display; tap target item for assigned setting/function. Icons/indicators vary by camera mode and Viewfinder orientation.
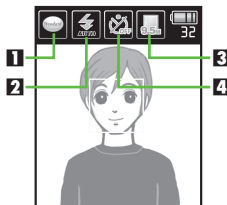
Example: Pro Auto Camera
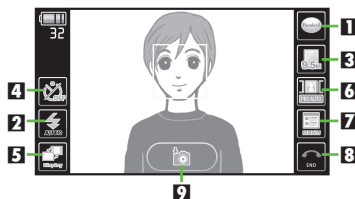
Example: Pro Auto Camera

1	Scene	6	Switch cameras
2	Mobile Light	7	MENU
3	Picture 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* twice

7-6

Focus Lock

Lock focus on subject; camera continuously focuses on the subject even if it moves.

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

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

2 ⌖
- Focus Mark (e.g., ⌐⌐) appears and Focus Lock is set.

3 ●
- Captured image appears.
- Press ● to return to Viewfinder.

Canceling Focus Lock
⌖

Chase Focus
- Camera distinguishes the subject by color; light-colored subjects or subjects having the same color as the background may not be tracked correctly.

Image Size & Usage

004SH Picture Size & Corresponding Usage:

9.5M	B4 prints
5M	B5 prints
3M	L to 2L prints
Full HD	Full HD display wallpaper
Wallpaper	004SH Wallpaper
VGA	Blog posts, etc.
QVGA	Mail attachments, etc.

Smart Resize Zoom
- At *9.5M(Smart Resize)*, Picture Size changes with zoom scale (print quality may be affected); check the size on indicator before image capture.

Selecting Camera by Use

Switching Cameras

1 In Photo Viewfinder, ⌷

2 Select camera ➜ ●
- Selected camera activates.
- For subsequent operations, see "Using Selected Camera."

Using Selected Camera

■ **Rapid Shooting Camera**

1 ✉ ➜ *Continuous Type* ➜ ●

2 Select mode ➜ ●

3 Frame subject on Display ➜ ●
- After image 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 images.
- If a confirmation appears, follow onscreen prompts.
- Saved images appear in Data Folder (Pictures > Shooted Pics).

Shooting Manually
    After ❸, press ● for each frame ➜
    From ❹
Saving Selected Images
    After ❸, select image ➜ ● (▽) ➜ ⌷
Using Photo Recommender
- Follow these steps to save an image from recommended images (automatically selected in terms of Face, Move, Sharpness and Macro, one for each).
    After ❸, ✉ ➜ *Photo Recommender*
    ➜ ● ➜ Select image ➜ ● (▽) ➜ ⌷
- Alternatively, after ❸, tap *Recommend* then select images.
Creating Strobe Photo (Composite Image)
- Follow these steps when *Compose Strobe Photo* appears in thumbnail list:
    After ❸, ✉ ➜ *Yes* ➜ ● ➜ ● to
    start composing ➜ ● to save
- Alternatively, tap *Compose Strobe Photo* instead of pressing ✉.

■ **Look Back Camera**

1 **Frame subject on Display** ➡ `1` (whistle), `2` (rattle) or `3` (dog bark)
● Sound plays.
● Alternatively, tap 🎵, 🎵 or 🎵.

2 **Face detection activates and shutter releases; image appears**

3 ⬤
● Viewfinder returns.

■ **Smile Camera**

1 **Frame subject on Display**

2 **Smile detection activates and shutter releases; image appears**

3 ⬤
● Viewfinder returns.

■ **Self Timer Camera**

1 **Frame subject on Display** ➡ ⬤
● Countdown starts.

2 **Shutter releases after approximately ten seconds; image appears**

3 ⬤
● Viewfinder returns.

■ **Wallpaper Camera**

1 **Frame subject on Display** ➡ ⬤
● Wallpaper preview appears.

2 `Y`
● Image is set as Wallpaper. (Viewfinder returns.)

■ **Auction Camera**

1 **Frame subject on Display** ➡ ⬤
● First preview image appears.

2 ⬤
● Image is saved.
● Repeat **1** - **2** to capture two more images following onscreen instructions.

3 *Yes* ➡ ⬤

■ **Messaging Camera**

1 **Frame subject on Display** ➡ ⬤

2 `Y`
● Mail Composition window opens. Complete and send message.

■ **Shot Memo Camera**

1 **Frame subject on Display** ➡ ⬤

2 `1`
● Corrected image appears.
● Alternatively, tap *Shot Memo*.

3 ⊙ **Select preview image** ➡ ⬤

4 ⬤
● Image is saved. (Viewfinder returns.)

■ **Pretty Arrange Camera**

1. **Frame subject on Display ➡ ●**

2. ２
   - Face is touched up.
   - Alternatively, tap *Pretty*.

3. **● ➡ ●**
   - Image is saved. (Viewfinder returns.)

Canceling Effects
　After ❷, 📖
Adjusting Each Effect Separately
　After ❷, ① (Small Face), ② (Cute
　Eyes) or ③ (Fair Skin) ➡ ❸
　■ Alternatively, after ❷, tap corresponding
　　indicator ➡ ❸.
When Multiple Faces are Detected
　● After ❷, press ① to touch up all faces.
　　To touch up selected faces, follow these
　　steps:
　　After ❷, ⊙ (select face) ➡ ● (☑)
　　➡ ② ➡ ❸

■ **Self Portrait Camera**

1. **Turn handset around**

2. **Frame your face on Display and look into the lens**

3. **Face detection activates, tones sound, and shutter releases; image appears**

4. **●**
   - Viewfinder returns.

■ **Additional Cameras**

Three-Shot Camera	Frame subject on Display ➡ ● ➡ Select image ➡ ●
Best Select Photo	• To save all images or use Photo Recommender, see **P.7-8** "Rapid Shooting Camera."
Scene Cameras	Frame subject on Display ➡ ●
Monochrome Camera	
Sepia Camera	
Miniaturize Camera	
Fish-eye Camera	
Long Exposure Camera	Frame subject on Display ➡ ● • Shutter is left open for approximately 30 seconds before image capture.
Blog Camera	Frame subject on Display ➡ ● ➡ ⊻ ➡ Proceed with blogging • Complete Blog Tool settings beforehand.
Drawable Camera	Frame subject on Display ➡ ● ➡ ② ➡ Drag on image ➡ ● ➡ *Save as New* or *Overwrite* ➡ ● • For *Save as New*, follow onscreen instructions.

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).

Major Items

		Description
Focus	**Focus Mode**	Select *Normal(Face)*, *Center Auto Focus*, *Macro* or *Manual Focus*
	Continuous AF	Adjust focus as focus-locked subject's position changes; choose *On* or *Off*
	Chase Focus	Track focus-locked subject as it moves within framed image; choose *On* or *Off*
	Focus Mark	Select focus frame design from *Pattern 1* to *Pattern 6*
Shutter	**One Touch Shutter**	Release shutter upon tapping subject; choose *On* or *Off*
	Self-timer	Select *10 sec.*, *5 sec.*, *2 sec.* or *Off*
	Shutter Mode	Select *Normal* (manual), *Egao* (smile detection) or *Furimuki* (face detection)
	Shutter Sound	Select shutter click sound from *Pattern 1* to *Pattern 3*
Image Size & Quality	**Picture Size**	Select image size from *9.5M(2664x3552)* to *QVGA(240x320)*
	Picture Quality	Select image quality from *High Quality*, *Fine* and *Normal*

		Description
Conditions	**ISO Sensitivity**	Select light sensitivity from *Auto(～800)* to *Auto(High:～12800)* and *100* to *12800*
	White Balance	Select *Auto*, *Daylight*, *Cloud/Shade*, *Tungsten* or *Fluorescent* for best color balance
	Exposure	Select amount of light received by camera from *-2* to *+2*
	Mobile Light	Select Mobile Light mode from *On*, *Automatic*, *Low Light* and *Off*
Save Settings	**Save Pictures to**	Select *Memory Card Priority*, *Memory Card Fixed*, *Phone Memory*, *DCIM* or *Ask Each Time*
	Auto Save	Select *On(Preview Off)*, *On(Preview 2 sec.)*, *On(Preview Manual)* or *Off*
	Background Save	Enable quick transition to Viewfinder after saving images; choose *On* or *Off*
Other	**Shake Reducing**	Select shake reduction option from *Auto*, *Auto(Strong)* and *Off*
	Display Setting	Select Viewfinder view from *Normal*, *Guidance* and *Icon Off*
	Set Send Key	Select send option assigned to ⊻

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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 image capture, save changed settings with a name and captured image; load saved settings in the same manner as switching cameras.
May be unavailable depending on camera mode.

Saving as My Camera

1 **In captured image window,** ⊠

2 *Save as My Camera* ➜ ●
 - Messages appear.

3 **Specify image area**
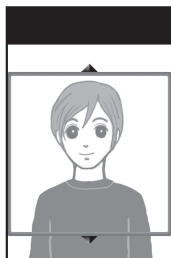
 - The specified portion will be used as the camera's icon.

4 ●

5 *My Camera Name:* ➜ ●

6 **Enter name** ➜ ●

7 ☑
 - My Camera is created.

Entering Information
After ❻, *Note:* ➜ ● ➜ Enter text ➜ ● ➜ ❼

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 images 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
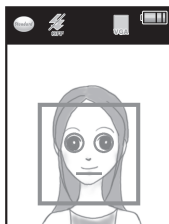
● Guide turns red when face is detected.

5 ●

Register Face

 Empty
 Empty
 Empty

● 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.
● The lower the entry number the higher the priority.

Entering Information
After **8**, *Note:* ➔ ● ➔ Enter text ➔ ● ➔ **9**

Setting Text Color
After **8**, *Font Color:* ➔ ● ➔ Select color ➔ ● ➔ **9**

■ Upon face detection, Viewfinder information appears in the selected color.

7-14

Recording Video

Record video in portrait or landscape.
Unless noted otherwise, video recording
descriptions are portrait image based.

Using Video Camera

Follow these steps to record high definition
video via *HD Video Camera*:
Record up to four seconds per shot on handset.
Insert a Memory Card to record longer shots.

1 ▬ **(Long)**

Video Viewfinder
(HD Video Camera)

2 **Frame subject on Display ➡ ●**

● Recording starts after a tone.

3 ●

● Recording stops with a tone.
● Video is saved and plays back;
Viewfinder returns.
● Play saved video via Album, Data
Folder or Media Player.

Incoming Calls

● If a call arrives before video is saved,
recorded clip is temporarily saved. After
the call, video is saved and plays back
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.

4 **In Video Viewfinder, rotate
handset 90 degrees
counterclockwise**

Sending Recorded Video via Mail

1. ⬜ **(Long)**
2. ✉ ➡ *Simple Setting* ➡ ●
3. *Video Cam For Mail* ➡ ●
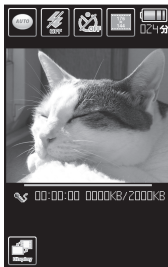
Video Viewfinder
(Video Camera for Mail)

4. **Frame subject on Display** ➡ ●
   ● Recording starts after a tone.

5. ●
   ● Recording stops with a tone.
   ● Video is saved and plays back.

6. **During playback,** ✉

7. *S! Mail* ➡ ●
   ● Mail Composition window opens.

8. **Complete message** ➡ ⊠

Video Viewfinder Operations

Handset Keys

Zoom In/Out	⬆/⬇
Adjust Brightness	⬅/➡
Mobile Light On/Off	#
Change Quality	✳*
Pause/Resume Recording	While Recording, ⊠*
Capture Still Image	While Recording, ✉*
Cancel Recording (Start Over)	⬜
Open Help	⓪

*May be unavailable depending on camera mode and recording size.
● Press ✉ to open Options menu for more functions/settings.
● Multi Selector functions change with Viewfinder orientation.

7-16

Touch Panel

Menu icons or camera indicators appear on Display; tap target item for assigned setting/function. Icons/indicators vary by camera mode and Viewfinder orientation.
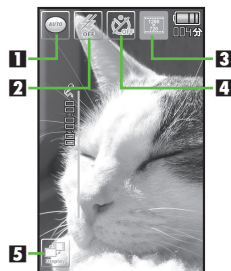
Example: HD Video Camera
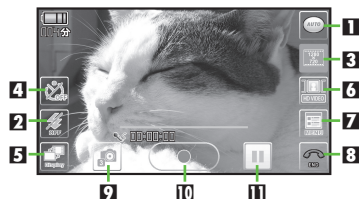
Example: HD Video Camera

🗓	Scene	🗓	MENU
🗓	Mobile Light	🗓	Exit
🗓	Recording size	🗓	Capture still image
🗓	Self-timer	🗓	Start recording
🗓	Change Viewfinder	🗓	Pause/resume recording
🗓	Switch cameras		

Changing Scene Setting by Subject
  [Video Viewfinder] Tap ⊙ ➡ **Swipe to select scene** ➡ **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.)** ➡ **Swipe to select camera** ➡ **Tap camera**

■ **Additional Operations**

Zoom In/Out	Drag up/down
Adjust Brightness	Drag left/right
Focus Lock	Tap image

Tap *MENU* for more functions/settings.

Opening Help
  [Video Viewfinder] Tap *MENU* ➡ **Tap** *Help*

7-17

Checking Golf Swing

Play two golf swing video files
simultaneously for comparison.
Be sure there is ample swinging space
before recording golf swings.

Recording with Golf Swing Video Camera

1. **In Video Viewfinder, ⊠ ➔
   Simple Setting ➔ ●**

2. ***GolfSwing VideoCam***
   ➔ ●

3. **Frame head within green
   circle ➔ ●**
   - Countdown starts.
   - Recording starts after approximately
     ten seconds; video is saved and
     plays back automatically.

Comparing Golf Swings

Play two video files recorded with Golf
Swing Video Camera simultaneously in
slow motion for comparison.
- Simultaneous playback may be unavailable
  for other video files.
- Golf Swing Play supports video recorded
  with Golf Swing Video Camera only.
- Simultaneous/synchronous playback may
  be unavailable depending on recording
  conditions (swing speed difference,
  background, etc.).

1. **● ➔ *Entertainment* ➔ ●
   ➔ *Media Player* ➔ ●**

2. ***Videos* ➔ ● ➔ *Golf Swing
   Play* ➔ ●**

3. **Select storage media ➔ ●**

4. **Select first file ➔ ● (☐/☑)**

5. **Select second file ➔ ● (☐/☑)**

6. **⊠**
   - To hide message, press ⊠.

7. **● ➔ ●**
   - Synchronizing process starts.

8. **●**
   - Slow motion playback starts.

Adjusting Head Position
   In ❼, ● ➔ ⊠ (Chg. Up) or ⊠
   (Chg.Low) ➔ ⊕ Move circle to
   frame head ➔ ● ➔ ● ➔ ❽
Setting Swing Direction & Point of View
   In ❼, ● ➔ ⊠ (Chg. Up) or ⊠
   (Chg.Low) ➔ ⊠ (Prev.) or ⊠ (Next)
   ➔ ● ➔ ● ➔ ❽
Pausing Playback
   ●
   ■ In pause, press ⊙ to advance frame.
Replaying during Playback
   ⊙
Playing at Normal Speed
   In ❽, ● (Long)

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).

Major Items

		Description
Focus	**Focus Mode**	Select *Normal(Portrait)*, *Manual Focus* or *Macro*
	Chase Focus	Track focus-locked subject as it moves within framed image; choose *On* or *Off*
Video Size & Quality	**Picture Size**	Select recording size from *HD(1280x720)* to *QCIF(176x144)*
	Video Quality	Select *High Quality*, *Fine* or *Normal*
Microphone	**Microphone**	Record video with sound; choose *On* or *Off*

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

Changing Settings

Example: Picture Size (recording size)

1 In Video Viewfinder, 📧

> Switch Camera
>
> カメラ切替 Switch Camera | かんたん設定 Simple Setting | セルフタイマー Self-timer
> 撮影サイズ Picture Size | フォーカス設定 Focus Setting | 手ぶれ補正 Shake Reducing
> 各種設定 Settings | 動画レビュー Review | 保存設定 Save Settings
> シーン Scene | ヘルプ Help | ライト Mobile Light

2 *Picture Size* ➡ ●

> Picture Size
> HD (1280×720)
>
> HD | ワイド Wide | VGA
> QVGA

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 ➡ ●

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Opening Saved Images via Album

Basics

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

Portrait & Pet	Stores portraits (sorted into albums by registered face) and images containing detected pets
Event	Stores images sorted into albums by period scheduled in Calendar
By Camera	Stores images sorted into albums by camera mode
By Date	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.
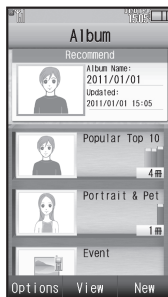
A single image can be sorted into multiple categories (e.g., a portrait captured using a specific camera is stored in *By Camera* and *Portrait & Pet*). In addition, a single image with multiple registered faces will be stored in each subject's album in *Portrait & Pet*.

Opening Albums

1. ● ➡ *Camera* ➡ ● ➡ *Album* ➡ ●

   Album Window

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

2. Select category ➡ ●

   Album List

   - Albums within appear.

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3 Select album ➡ ●

2011/01/01
15:05

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 **1**, ⟨Y⟩
Slide Show (Still Images)
After **2**, 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. Follow these steps to create an album by selecting sort keys from Portrait & Pet and By Camera:

1 In Album window, ⌨ ➡ *Create Original Album* ➡ ●

Original Album

Choose Portrait & Pet
No Setting
Select Event
No Setting
Select Camera type
No Setting
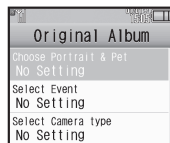
2 *Choose Portrait & Pet* ➡ ●

3 Select entry ➡ ●

Choose Portrait&Pet

Natsuyama Sora

- Repeat **3** to complete selection.

4 ⟨Y⟩

---

5 *Select Camera type* ➡ ●

6 Select camera ➡ ●

Camera Type

☑ Look Back Cam
☐ PrettyArrange Cam
☐ RapidShooting Cam
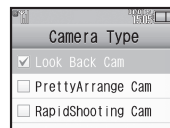
- Repeat **6** to complete selection.

7 ⟨Y⟩

8 *Create Album* ➡ ●

9 Enter name ➡ ●

10 *Yes* ➡ ●

Previewing Created Album
After **8**, *Album Preview* ➡ ●
■ To return, press ⌫.
Editing Sort Keys
[Album List] Select album ➡ ⌨ ➡ *Edit Auto Sort Keys* ➡ ● ➡ Select item ➡ ● ➡ Edit ➡ ⟨Y⟩
■ For items other than *Select Date/Time*, press ⟨Y⟩ again.

Area Setup

When activating TV for the first time, follow these steps to set up channels by area:

1 ⃞

Channels unset.
Set now?
Yes
No
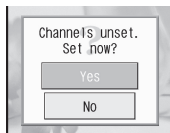
● Setup confirmation appears.

2 *Yes* ➡ ●

Select Region
Hokkaido/Tohoku
Hokuriku/Koshin'etsu
Kanto
Tokai
Kansai
Chugoku
Shikoku
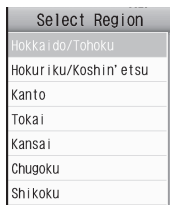
3 Select region ➡ ●

4 Select prefecture ➡ ● ➡ Select locality ➡ ●

Tokyo
Tokyo 23 Wards
set.

● After setup, channel list appears.

5 ●

Saved Tokyo 23
Wards in Area 1.

● To watch TV, select *Digital TV* and press ●.

Watching TV without Completing Area Setup
In **3**, *No Preference* ➡ ● ➡ **5**
Adding Reception Areas
⃞ ➡ ⃞ ➡ *Set Channels* ➡ ● ➡ *Change Area* ➡ ● ➡ Select Area ➡ ⃞ ➡ *Set Area Info* ➡ ● ➡ From **3**

Important Digital TV Usage Notes
● 004SH is exclusively for use in Japan.
● When using TV while charging battery, separate AC Charger and Antenna to avoid interference.

Digital TV Antenna

TV Antenna is located behind Display. Move handset to find best reception.

Antenna Area

Watching TV

Complete Area setup (**P.8-1**) first.
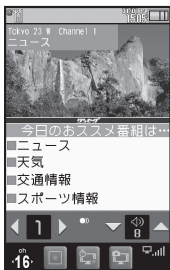
TV Window

2 Use Keypad 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
● Double beep sounds and New Message notice appears. Long Press 🔘 to access messages.

Important Digital 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.
● 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 a jamming signal is 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)
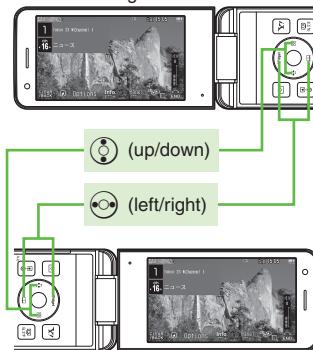
Rotate 90 degrees clockwise

8-2

Major TV Window Operations

Handset Keys

Toggle Panel On/Off	`Y!`
Change Area	`□`
Volume Control	`◄ I ►`
Toggle Display Size (portrait)	`🖉`

Touch Panel

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[1]
Change Data Broadcast View	Pinch/spread across Data Broadcast area[1]
Change Area	Tap Area name ➡ Tap Area[2]

[1]Available in portrait orientation.
[2]Available in landscape orientation.

Using Options Menu via Touch Panel
- Tap *Options*, then tap menu items to proceed.

Panel & Channel Area Descriptions

1	Area name	**5**	Sound Channel
2	Program name	**6**	Channel
3	Station name	**7**	Volume
4	Channel key	**8**	Signal strength[*]
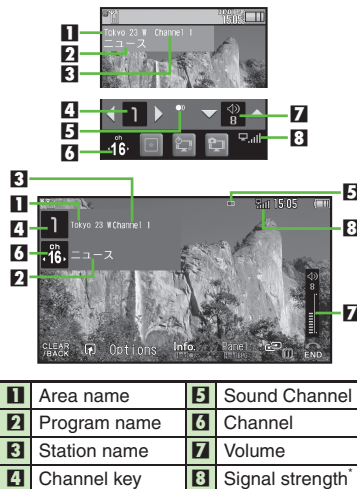
[*]The more bars the better.
Indicator position varies with display content, etc.

8-3

Recording Programs

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

Precautions
- Saved files cannot be forwarded or attached to messages.
- 004SH encryption technology prevents unauthorized copying or playback of Memory Card files through data encryption and authentication. 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 is not liable for any damages resulting from accidental loss or alteration of recorded content.

Dubbing 10
- 004SH supports Dubbing 10 copy protection scheme that allows recordings to be copied from handset to Memory Card. Open file properties for remaining copy count.

---

❶ **In TV window, ▭ (Long) ➡ Recording starts**
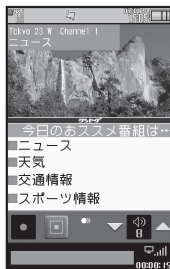
Recording Window

- Changing volume, etc. does not affect recordings.
- Illumination Light flashes/glows to indicate TV signal strength: Move to a place where Illumination Light glows green (moderate) or blue (strong).

❷ **▭ (Long) ➡ Recording ends**

Using Touch Panel
- Tap 🔳 to start recording. To stop, tap 🔳.
  - In landscape orientation, Long Touch **Hold** ●. (To stop, Long Touch **Hold** ■.)

Chase Play (Playing while Recording)
- Watch a program from the beginning while recording it on Memory Card.
  [Recording Window] 🔲 **(Long)** ➡ **Playback starts** ➡ ⓨ **(Long)** ➡ **Playback stops**
  - To start playback via Touch Panel, tap *Options* ➡ *Rec/*🕐 ➡ 🕐 *Play*. Long Touch **Hold** ■ to stop playback.

Memory/Battery Runs Low or Video Call is Accepted
- Recording stops. (Recorded clip is saved.)

Saving Files via the Internet while Recording
- While recording programs to handset, be sure there is enough free memory before saving files.

Playing Recorded Programs

1 In TV window, ▣ ➡ *TV Player* ➡ ●

Video List

Video List

- ▣ indicates the file is unplayable.

2 Select file ➡ ●

Playback Window

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

3 ▣ (Long) ➡ Playback stops

Switching Video Lists
After **1**, ▣ ➡ *Change to Phone* or *Change to MemoryCard* ➡ ●

Major 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[3]	● (▣ in portrait)
Set Marker	▬[4]
Toggle Panel On/Off	▣

[1] Each press increases speed. To resume normal playback, press ▣ (● in landscape).
[2] Long Press to replay. (Available when no Marker is saved.)
[3] In pause, use ◉ to reverse/advance frame.
[4] Not available during Time Shift playback. Long Press to split file.

Touch Panel

Rewind	Drag left across TV image[1]
Fast Forward	Drag right across TV image[1]
Pause	Tap *Pause*/▮▮[2]
Stop Playback	Long Touch Hold ■
Skip to Any Point	Drag slider
Toggle View	Tap TV image
Change Display Size	Pinch/spread across TV image[3]
Change Data Broadcast View	Pinch/spread across Data Broadcast area[3]

[1] Release to resume normal playback.
[2] In pause, drag left/right across TV image to reverse/advance frame.
[3] Available in portrait orientation.

8-5

TV Timer & TV Recording Timer

1. In TV window, ⊠ ➜ *Rec./ TimeShift* ➜ ●

2. *Reservation List* ➜ ●

3. ⊠ ➜ *New Entry* ➜ ●

4. *Manual* ➜ ● ➜ *Watching* or *Recording* ➜ ●

5. Enter start date/time ➜ ● ➜ Enter end date/time ➜ ●

6. *Channel:* ➜ ● ➜ Select channel ➜ ● ➜ ⫽
   - If a message appears, read and then press ●.

Setting Timer via EPG
In ④, *From TV Listing* ➜ ●
- Refer to the application's help menu for operational instructions.

Timer Recording Precautions

Confirm target channel reception; keep handset open.
- End the current operations.
- Be sure battery is charged adequately and there is enough free memory.

At Timer Time (TV Alarm Time)

TV and Alarm activate.

```
Reservation time
for watching TV
will come soon.
```

Recording starts slightly before the Timer start time and ends a few seconds after the Timer end time.

While Using Another Function
- TV activates via Multi Job and target program/recording starts. However, if Multi Job cannot activate in the current state, TV may remain off, or the current function may end automatically (unsaved images, messages, Phone Book entries, etc. may be deleted). End all active functions/applications before Timer time.

Accessing Webcasting Sites (Japanese)

Access Yahoo! Streaming and other webcasting sites.

● Subscription to Keitai Wi-Fi may be required to use some services/content.
● Read information on the source site.

1. ● ➡ *Videos/Music* ➡ ●
   ● If an update message appears, follow onscreen prompts.

2. **Select item** ➡ ●
   ● Follow onscreen instructions.

   Menu Updates

Information window opens for Videos/ Music menu update notice. Follow these steps to open it:

1. **In Information window,** *Menu Update Notif.* ➡ ●

2. *Yes* ➡ ●
   ● Follow onscreen instructions.

Suppressing Information Window for Menu Updates
● ➡ *Settings* ➡ ● ➡ ⊙ *Phone/*
➡ *Videos/Music Menu Updates* ➡
● ➡ *Notification Off* ➡ ●

Media Player Basics

Use Media Player to play music/video on 004SH.
- Download media files from Mobile Internet sites via Media Player or transfer files from PCs.
- 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

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 is not compatible with some recording/playback formats. Files may not play depending on Memory Card status.
- Playback stops for incoming calls.
- If battery is low, Media Player will not play. Playback stops if battery runs low during playback.
- Turn down the volume if distortion is noticeable in Speaker sound.
- Handset plays media while it downloads (progressive download). Packet transmission fees apply (except when downloading via Wi-Fi) even while playback is paused.

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

Downloading Media Files

Download media files from the Internet.
Read information (price, expiry date, etc.)
on the source site.

1. ● ➡ *Entertainment* ➡ ●
   ➡ *Media Player* ➡ ●

   ```
   Media Player
   ♫ Music
   ▦ Videos
   ♬ MTP Mode
   ```
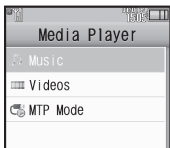
2. *Music* or *Videos* ➡ ●

3. *Download Music* or
   Download Videos ➡ ●
   ● Follow the links to download media.

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 does not guarantee
  compatibility with any software.
● USB Cable may be purchased separately.

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

Follow these steps to save WMA files via
compatible software:
(Copy protected files can only be played
on the handset with which the files were
transferred.)

1. **Connect handset to a PC via
   USB Cable**

   ```
   USB Mode
   Modem/Data
   Card Reader Mode
   Recorder Link
   MTP Mode
   ```
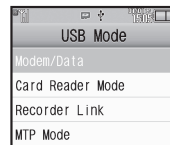
2. *MTP Mode* ➡ ●
   ● Copy music from PC. Refer to the
     software's help menu for operational
     instructions.

3. ☒ ➡ *Yes* ➡ ● ➡
   Connection ends
   ● Disconnect USB Cable.

If Menu in ① Does Not Appear
● Follow these steps:
  ● ➡ *Tools* ➡ ● ➡ ⊙ *Connectivity*
  ➡ *USB Mode* ➡ ● ➡ **From ②**
■ Operations on the PC may be required; if
  prompted, follow onscreen instructions.

8-9

Playing Music

1 ● ➜ *Entertainment* ➜ ●

2 *Media Player* ➜ ● ➜ *Music* ➜ ●

3 *My Music* ➜ ● ➜ ⊙ Select tab (folder)

My Music

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 **5**, ⌫ or ⌐
■ To stop playback, follow these steps in Standby:
⌐ ➜ *Yes* ➜ ●
Playing SD AUDIO or WMA Files
In **3**, *SD AUDIO* or *WMA* ➜ ● ➜ From **4**
Searching Music Files
After **4**, ⌧ ➜ *Search* ➜ ● ➜ Enter search text ➜ ●
Lyric Display-Compatible Files
● Press ⌫ to display lyrics.

Major Music Playback Operations

Replay	⊙ (Long Press: Rewind*, Double Press: Skip Backward)
Skip Forward	⊙ (Long Press: Fast Forward*)
Volume Down	⊙ (Long Press: Mute)
Volume Up or Cancel Mute	⊙
Pause	●
Stop	In Pause, ⌫
Switch Sound Output	⊟ (Long)
Open Help	⊡

*Release for playback.

Music Playback Window Description
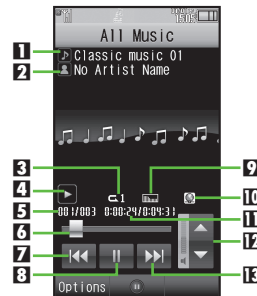
1	Title	**8**	Pause
2	Artist name	**9**	Sound Effects
3	Playback Mode	**10**	Information link
4	Status	**11**	Elapsed time
5	Track number	**12**	Volume control
6	Playback slider	**13**	Skip forward
7	Replay		

8-10

Playing Video

1 ● ➔ *Entertainment* ➔ ●

2 *Media Player* ➔ ● ➔ *Videos* ➔ ●

3 *My Videos* ➔ ● ➔ *Memory Card* or *Phone Memory* ➔ ●

Playlist
- All Videos
- Playlist 1
- Playlist 2
- Playlist 3
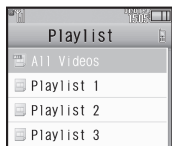
Video Playlists Window

4 *All Videos* ➔ ●

5 Select file ➔ ●
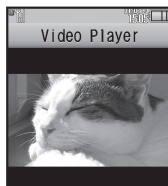
Video Player

Video Playback Window

6 [CLEAR/BACK] ➔ Playback stops

Playing SD VIDEO Files
In **3**, *SD VIDEO* ➔ ● ➔ **5**
Searching Video Files
After **4**, ☒ ➔ *Search* ➔ ● ➔ Enter search text ➔ ●
At Alarm Time
● Playback pauses.
Video Recorded on Other Devices
● Video image may appear rotated.

Major Video Playback Operations

For volume up/down, pause, sound output or help, see **P.8-10** "Major Music Playback Operations."

Fast Forward/ Rewind	⊙/⊙*
Slow Motion Playback	In Pause, ☒
Advance/ Reverse Frame	In Pause, ⊙/⊙
Replay	⊙ (Long)
Skip Forward/ Backward	[#]/[✳]
Toggle View	[1] (Interface On/Off) [2] (Display Size) [3] (Aspect)

*Each press increases speed.

Video Playback Window Description

```
  ┌─ 110101_150550
1─┤
2─┤ No Author                      6
3─┤ 00:00:00 (00:00)/ 00:00  ───────┤
4─┤ ▶  ⤷1  ▭                        7
5─┤ ‖ PAUSE                         8
  │                                 9
  └─ Options        Guide  ─────────10
```

1	Title	**6**	Elapsed time
2	Author name	**7**	Volume
3	Clip number	**8**	Information link
4	Status	**9**	Sound Effects
5	Playback Mode	**10**	Pause

Using Playlists

Playlists store playback orders. 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 sub folders containing music files appear in Playlists window; select a folder to play the files within it.

Adding to Playlist

Follow these steps to add a music file to プレイリスト1:

1. ● ➡ *Entertainment* ➡ ●
2. *Media Player* ➡ ● ➡ *Music* ➡ ●
3. *My Music* ➡ ●

My Music
Music / Ring Tones
All Music
プレイリスト1
プレイリスト2

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.

- Widgets
- S! Quick News & S! Friend's Status Widget

Saving Widgets to Standby

Save up to three widgets (excluding *S!速報ニュース/S!ともだち状況*, *歩数計* and *家計簿*).

1 ⊙ ➡ ☒ ➡ *Paste Icon* ➡ ⦿

Widget Tab

Standby Shortcut Tab

2 ⦿ 🖥

3 **Select widget ➡ ⦿**
- Corresponding icon appears.

4 ⦿ **Specify target location ➡ ⦿**

Using Widgets

1 ⊙ ➡ ⦿ **Select widget ➡ ⦿**
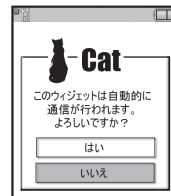
- Widget activates; follow onscreen instructions.

Unlocking Temporarily
⊙ ➡ ▣ ➡ ⦿ ➡ **Enter Handset Code ➡ ⦿**

8-13

Removing Widgets from Standby

1. $\circledcirc$ ➔ $\textcircled{\tiny{$\leftrightarrow$}}$ Select widget ➔ $\boxdot$

```
        Options
Move Mode
Paste Icon
Remove
Operation            》
Widget Contents
```
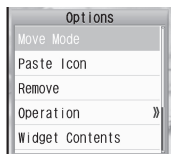
2. *Remove* ➔ $\textcircled{\scriptsize{\bullet}}$

Obtaining Widgets

1. $\textcircled{\scriptsize{\bullet}}$ ➔ *Widget* ➔ $\textcircled{\scriptsize{\bullet}}$

```
        Mobile Widget
🛒 Widget Store
🗐 Widget Contents
🔧 Settings
```
Mobile Widget Menu

2. *Widget Store* ➔ $\textcircled{\scriptsize{\bullet}}$
   ● Follow onscreen instructions.

Installing Widgets
● Some widgets may need to be installed manually; follow these steps:
[Mobile Widget Menu] *Widget Contents* ➔ $\textcircled{\scriptsize{\bullet}}$ ➔ Select widget ➔ $\boxdot$ ➔ *Install* ➔ $\textcircled{\scriptsize{\bullet}}$ ➔ *Yes* ➔ $\textcircled{\scriptsize{\bullet}}$ ➔ $\textcircled{\scriptsize{\bullet}}$
Activating Widgets Not Saved in Standby
[Mobile Widget Menu] *Widget Contents* ➔ $\textcircled{\scriptsize{\bullet}}$ ➔ Select widget ➔ $\textcircled{\scriptsize{\bullet}}$ ➔ $\textcircled{\scriptsize{\bullet}}$

Deleting Widgets

1. In Mobile Widget menu, *Widget Contents* ➔ $\textcircled{\scriptsize{\bullet}}$

2. Select widget ➔ $\boxdot$
   ● *S!速報ニュース*/*S!ともだち状況*, *歩数計* and *家計簿* cannot be deleted.

3. *Delete* ➔ $\textcircled{\scriptsize{\bullet}}$ ➔ *Yes* ➔ $\textcircled{\scriptsize{\bullet}}$

Deleting All Widgets
In ➋, $\boxdot$ ➔ *Delete All* ➔ $\textcircled{\scriptsize{\bullet}}$ ➔ *Yes* ➔ $\textcircled{\scriptsize{\bullet}}$
■ If there is a widget saved in Standby, a confirmation appears; follow onscreen prompt.

Standby Shortcuts

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

Saving Shortcuts to Standby

¹ ⑤ ➡ ⊠ ➡ *Paste Icon* ➡ ●

Widget Tab

Standby Shortcut Tab

² **In Standby Shortcut tab, select item ➡ ●**
- Corresponding icon appears.
- **>>** appears when more items are available.

³ ☺ **Specify target location ➡ ●**

Saving from Menu/Window
- Follow these steps in Options menu: (Available when *Set as StbyShortcut* appears.)
  Set as StbyShortcut ➡ ● ➡ *Standby Screen* ➡ ●

Using Shortcuts

¹ ⑤ ➡ ☺ Select icon ➡ ●
- Menu/window opens or command is executed.

Unlocking Temporarily
⑤ ➡ 🔒 ➡ ● ➡ Enter Handset Code ➡ ●

Removing Shortcuts from Standby

¹ ⑤ ➡ ☺ Select icon ➡ ⊠

² *Remove* ➡ ●

8-15

Icon View

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

Saving Shortcuts to Icon View

● If selected page is full, remove icons first.
● Installed widgets are saved automatically.

❶ ⊙

Icon View Page

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

❷ 🅰 ➜ ⊙

❸ ⊙ **Select tab ➜ Select item ➜ ⊙**

● Corresponding icon appears.
● *>>* appears when more items are available.

❹ ⟐ **Specify target location ➜ ⊙**

Saving from Menu/Window

● Follow these steps in Options menu: (Available when *Set as StbyShortcut* appears.)
 Set as StbyShortcut ➜ ⊙ ➜ Select page or *New Page* ➜ ⊙ ➜ Specify target location ➜ ⊙

When Five or More Pages Exist

● A confirmation appears after ❶. Choose *Yes* or *No* and press ⊙.
 ■ To disable confirmation, press ⊠.

Using Shortcuts

❶ **On Icon View page, select icon ➜ ⊙**

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

Accessing Last Opened Page
 ⊙ **(Long)**
Showing Hidden Icons Temporarily
 [Icon View Page] 🅰 ➜ ⊙ ➜ Enter Handset Code ➜ ⊙

Removing Shortcuts

❶ **On Icon View page, select icon ➜ ⊠ (Long)**

❷ *Cancel Icon* ➜ ⊙

Customer Service

For information about SoftBank handsets or services, call General Information or see SoftBank Mobile Website.
For repairs, call Customer Assistance.

■**SoftBank Mobile Customer Center**

General Information	**Customer Assistance**
From a SoftBank handset, dial toll free at **157** From a landline/IP phone, dial toll free at **0800-919-0157**	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, Shikoku Area Kyushu, Okinawa Area	092-687-0010

■**SoftBank Mobile Global Call Center**

> From outside Japan, dial **+81-3-5351-3491** (toll free from SoftBank handsets)
> If handset is lost/stolen, call this number immediately (international charges apply)

■**SoftBank Mobile Website**
http://mb.softbank.jp/en/

Software Update

Check for firmware updates and download as required.

Precautions

- Handset is disabled until update is complete. Update may take up to approximately 30 minutes.
- Update failure may disable handset. To reduce failure risk, make sure signal is strong and stable, and charge battery beforehand.
- Update will 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.
- Always back up important information. SoftBank Mobile cannot be held liable for damages from lost information, etc.

Updating Software

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

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?
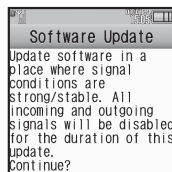
3 ✉
  ● Follow onscreen instructions.

Update Result
  In 2, *Update Result* ➡ ●

Scheduled Update (Japanese)

SoftBank Mobile sends update notice via SMS; read and change preset update schedule as needed. A 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 appears,
  Update Result ➡ ●
Reboot Failure
- If handset does not return to Standby after update, power off, reinsert battery, then restart it. If it still does not restart, contact SoftBank Mobile Customer Center, 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 is not liable for any damages resulting from use of this product.

These labels indicate the degree of risk from improper use. Make sure you thoroughly understand their meanings before reading on.

⚠ **DANGER**	Great risk of death or serious injury from improper use
⚠ **WARNING**	Risk of death or serious injury from improper use
⚠ **CAUTION**	Risk of minor injury or damage to property from improper use

These symbols indicate prohibited or compulsory actions. Make sure you thoroughly understand their meanings before reading on.

🚫 Prohibited	**Prohibited actions**
Do Not Disassemble	**Disassembly prohibited**
Avoid Liquids Or Moisture	**Exposure to liquids prohibited**
Do Not Use Wet Hands	**Use with wet hands prohibited**

Compulsory	**Compulsory actions**
Disconnect Power Source	**Unplug Charger from outlet**

10-1

Handset, Battery, USIM Card, Desktop Holder, Charger (Sold Separately) & Memory Card (Sold Separately)

⚠ 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 or ignite.
Modifying handsets is prohibited by the Radio Law and subject to a penalty.

Do Not Disassemble

Do not expose internal handset parts, battery, Desktop Holder or Charger to liquids.
Do not let liquid-exposed internal parts remain wet; do not charge wet battery. May cause overheating, electric shock, fire, injury or malfunction. Use handset/related hardware properly/appropriately.

Avoid Liquids Or Moisture

Do not charge battery in or expose handset or related hardware to extreme heat (e.g., near fire or sources of heat, in direct sunlight, inside vehicles, etc.).
May cause warping/malfunction; battery may leak, overheat, ignite or burst. Handset or related hardware may become hot to the touch, leading to burn injuries, etc.

Prohibited

Do not force battery/Charger into handset. Confirm terminal/connector orientation and 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-Keitai® at gas stations (cancel IC Card Lock beforehand).

Compulsory

Do not apply strong shocks or impacts.
Do not drop/throw handset or related hardware. Battery may leak, overheat, burst or ignite, resulting in fire, electric shock, malfunction, etc.

Prohibited

If there is unusual sound/odor, smoke or any 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 liquids (water, pet urine, etc.) or conductive material (pencil lead, metallic strip, metal jewelry, etc.) away from charging terminals or External Connector Port.
May cause short circuit, resulting in fire, malfunction, etc.

Prohibited

Do not charge battery while handset is wet.
May cause electric shock or short circuit, resulting in fire, malfunction, etc.

Prohibited

Do not expose handset or related hardware to hot air from dryers, etc. to dry them or for any other purpose. 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 out of infants' reach.
Infants may choke from swallowing handset or related hardware or be injured, etc.

Compulsory

If your child is using handset/related hardware, explain all instructions and supervise usage.
Misuse may cause injury, etc.

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 battery (with a nail, hammer, foot, etc.) or subject it to strong impacts or shocks.
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, metallic strip, metal jewelry, etc.).
Battery may leak, overheat, burst, ignite, etc.

Prohibited

If battery fluid gets in eyes, do not rub; rinse with 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 battery does not charge properly, stop trying.
Battery may leak, overheat, burst, ignite, etc.

Compulsory

If there is abnormal odor, excessive heat, discoloration or distortion, remove battery, being careful not to burn or injure yourself. Avoid fire sources.
Continued use may cause battery to leak, overheat, burst, ignite, etc.

Compulsory

Keep battery away from pets.
Pet bites may cause battery to leak, burst, overheat, ignite, etc.

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 shine Mobile Light in eyes.
May temporarily affect eyesight or startle, leading to accidents.

⊘ Prohibited

CAUTION:
Use of controls, adjustments or performance of procedure other than those specified

EN60825-1:1994 A1:2002 & A2:2001

CLASS 1
LED Product

herein may result in hazardous radiation exposure. As the emission level from Mobile Light LED used in this product is harmful to the eyes, do not attempt to disassemble the cabinet. Service is limited to authorized service centers only.
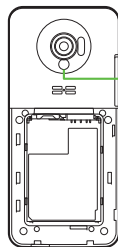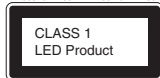
Mobile Light

■ **Mobile Light LED Properties**
a) Emission Duration: Continuous
b) Wavelength
White: 400 - 700 nm
c) Maximum Emission Output
White: 160 μW (1.2 mW inside handset)

Do not use handset while driving or cycling.
Accidents may result.
Phone use while driving or cycling is prohibited by law and subject to a penalty; park legally beforehand.

⊘ Prohibited

Power off near electronic devices that employ high precision control systems or weak signals.
May cause electronic malfunctions, etc.
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 or cabin crew 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 heard 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

⚠ **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

If you experience any skin irritation associated with handset use, discontinue handset 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 cards, etc.
Data on bank cards, credit cards, telephone cards, floppy disks, etc. may be lost.

⊘ Prohibited

Be sure 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

Handset may become hot while in use, especially at high temperature.
Prolonged contact with skin may cause burn injuries.

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 (Included) & Charger (Sold Separately)

⚠ **WARNING**

Do not cover/wrap Charger/Desktop Holder while charging.
Charger/Desktop Holder may overheat, resulting in fire, malfunction, etc.

Prohibited

Use only the specified voltage.
Non-specified voltages may cause fire, malfunction, etc.
● AC Charger: AC 100V-240V Input
● In-Car Charger (use in negative earth vehicles only): DC 12V/24V Input
Do not use power adapters. Using Charger with step-up/step-down transformer may cause fire, electric shock or malfunction.

Prohibited

Leave Charger unplugged during periods of disuse; grasp plug to disconnect it.
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 liquids (water, pet urine, etc.) seep inside Charger, grasp plug and disconnect it immediately.
May cause electric shock, smoke or fire.

Disconnect
Power Source

If plug is dusty, grasp it and disconnect Charger, then clean with dry cloth.
Fire may result.

Compulsory

Do not use In-Car Charger in positive earth vehicles.
May cause fire, etc. Use in negative earth vehicles only.

Prohibited

Plug Charger firmly into the outlet, keeping the plug and Charger/ Desktop Holder charging terminals away from conductive material (pencil lead, metallic strip, metal jewelry, etc.).
May cause electric shock, short circuit, fire, etc.

Compulsory

Do not touch Charger plug with wet hands.
May cause electric shock, malfunction, etc.

Do Not Use
Wet Hands

Do not touch Charger if thunder is heard.
May cause electric shock, etc.

Prohibited

10-5

Do not use Desktop Holder inside vehicles.
Extreme temperature or vibration may cause fire or damage handset, etc.

Prohibited

Do not expose Desktop Holder or Charger to liquids/high humidity (e.g., precipitation, bath/shower rooms, restrooms, etc.).
May cause fire, electric shock or malfunction.

Prohibited

⚠ CAUTION

Grasp plug and disconnect Charger before cleaning.
May cause electric shock, etc.

Disconnect Power Source

Always grasp plug (not cord) to disconnect Charger.
Pulling the plug by cord may damage cord, causing electric shock, fire, etc.

Compulsory

Do not subject AC Charger to strong shocks or impacts while it is plugged into the outlet.
May cause malfunction or injury.

Prohibited

Do not touch charging terminals of Desktop Holder while it is connected to the outlet.
May cause burn injuries.

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 **"Report of Investigation of the Effects of Radio Waves on Medical Equipment, etc."** (Association of Radio Industries and Businesses, March 2001).

⚠ WARNING

Persons with implanted pacemaker/defibrillator should keep handset more than 22 cm away.
Radio waves may interfere with implanted pacemakers or defibrillators.

Compulsory

If you intend to use 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 handset use is permitted, keep handset off near electronic medical equipment.
● Obey medical facility rules on mobile phone use.

Compulsory

Power off in crowds or trains where persons with implanted pacemaker/defibrillator may be near.
Radio waves may interfere with implanted pacemakers or defibrillators causing such devices to malfunction.

Compulsory

10-6

General Notes

General Use

- SoftBank Mobile is not liable for any damages resulting from accidental loss/alteration of handset/Memory Card files or settings. Keep separate copies of Phone Book entries, etc.
- Handset transmissions/TV signal reception may be disrupted inside buildings, tunnels or underground, or when moving into/out of such places.
- 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 use of Memory Card (sold separately), 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, etc.

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

Handset & Hardware Care

- If handset is left with no battery or an exhausted one, data may be altered/lost. SoftBank Mobile is not liable for any resulting damages.
- Use handset within 5°C - 35°C (up to 40°C for brief periods in bath/shower rooms, etc.) and 35% - 90% humidity.
- Avoid extreme temperatures or direct sunlight.
- Handset/battery may warm during operation or while charging. This is normal.
- Malfunction resulting from misuse is not covered by the warranty.
- Exposing lens to direct sunlight may damage color filter and affect image color.
- Battery may not charge properly if ports/terminals are obstructed by dust, etc. Clean with dry cloth, cotton swab, etc.
- Clean handset with soft dry cloth. Using alcohol, thinner, etc. may damage it.
- 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 Connector 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 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, etc., and used by radio stations, amateur radio stations, etc. (hereafter "other radio stations").

1 Before using Bluetooth®, visually confirm 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 or cancel Bluetooth® function immediately.
3 For additional information and support, contact **SoftBank Mobile Customer Center, 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 (32 feet). It is not possible for the radio station to avoid using the frequency band of the mobile unit identification apparatus.

2.4FH1

Wi-Fi (Wireless LAN)

Wireless LAN (hereafter "Wi-Fi") uses radio waves to enable communication between compatible devices, thus allowing connection to a local area network from anywhere within the range. However, there is a risk of data interception unless security is established. It is advisable for the user to configure security settings on their own responsibility before using Wi-Fi.
● Do not use Wi-Fi near electrical appliances, audiovisual equipment or office automation equipment; may affect Wi-Fi transmission speed, availability, clarity, etc. (There is a possibility of interference especially when a microwave oven is in use.)
● The target access point may not be detected correctly if there are multiple access points nearby.

■ Precautions

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

1 Before using Wi-Fi, visually confirm 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 or disable Wi-Fi immediately.

3 For additional information and support, contact **SoftBank Mobile Customer Center, 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 DSSS-OFDM modulation. Maximum transmission radius is 40 meters (131 feet).

2.4DS4/OF4

■ Simultaneous Use with Bluetooth®

Both Wi-Fi (IEEE 802.11b/g) and Bluetooth® use the 2.4 GHz band. Therefore, Wi-Fi transmission speed, availability and clarity may be affected when Bluetooth® device is used near handset or when handset Bluetooth® is active. Should interference occur, discontinue use of the Bluetooth® device or cancel handset Bluetooth®.

● This handset supports Wi-Fi channels 1 - 13. Handset will not connect to access points set to other channels.
● Available channels vary by country.
● For use of Wi-Fi aboard aircraft, check with airline beforehand.
● In some countries/regions, such as France, there are restrictions on the use of Wi-Fi. If you intend to use Wi-Fi on the handset abroad, check the local laws and regulations beforehand.

Function Usage Limits

These functions are disabled after handset upgrade/replacement or service cancellation: Camera; Media Player; S! Applications; TV. After a period of disuse, these functions may be unusable; retrieve Network Information to restore usability.

Mobile Camera

- Mind your manners when using handset camera.
- Test the camera before capturing/recording special moments.
- Do not use handset camera in places where photography or videography is prohibited.
- Captured images may not be used/transferred without copyright holder (photographer, etc.) permission, except for personal use.

In-Call/Transmission Caution

During calls/transmissions, calling/transmission charges/fees apply even if other functions or operations are simultaneously in use.

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 handset camera responsively.

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 captured with handset camera.

Electromagnetic Waves

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

CE Declaration of Conformity

CE 0168 ①

In some countries/regions, such as France, there are restrictions on the use of Wi-Fi. If you intend to use Wi-Fi on the handset abroad, check the local laws and regulations beforehand.

Hereby, Sharp Telecommunications of Europe Ltd, declares that 004SH 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 - CAUTION

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 temperatures between 5°C and 35°C; outside this range, battery may leak/overheat and performance may deteriorate.

European RF Exposure Information

Your mobile device is a radio transmitter and receiver. It is designed not to exceed the limits for exposure to radio waves recommended by international guidelines. These guidelines were developed by the independent scientific organization ICNIRP and include safety margins designed to assure the protection of all persons, regardless of age and health.
The guidelines use a unit of measurement known as the Specific Absorption Rate, or SAR. The SAR limit for mobile devices is 2 W/kg.
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[*].
Highest SAR value:

Model	At the Ear[**]	On the Body
004SH	0.402 W/kg	0.665 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.

[*]Please see Electromagnetic Waves on **P.10-9** for important notes regarding body-worn operation.
[**]Measured in accordance with international guidelines for testing.

Headphone Signal Level

The maximum output voltage for the music player function, measured in accordance with EN 50332-2, is 29.0 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 organizations 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.
Highest SAR value:

Model	FCC ID	At the Ear	On the Body
004SH	APYHRO00137	0.364 W/kg	0.742 W/kg

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 at http://www.fcc.gov/oet/fccid under the Display Grant section after searching on the corresponding FCC ID (see table on the left). Additional information on Specific Absorption Rates (SAR) can be found on the Cellular Telecommunications & Internet Association (CTIA) Website at http://www.phonefacts.net.

Specific Absorption Rate (SAR)

004SH meets the government's requirements for exposure to radio waves.
These requirements are based on scientific basis to assure that radio waves emitted from mobile phones and other handheld wireless devices do not affect human health. They require that the Specific Absorption Rate (SAR), which is the unit of measurement for the amount of radiofrequency absorbed by the body, shall not exceed 2 W/kg[*]. This limit includes a substantial safety margin designed to assure the safety of all persons, regardless of age or health, and meets the international standard set by International Commission on Non-Ionizing Radiation Protection (ICNIRP) in cooperation with World Health Organization (WHO).
The highest SAR value of 004SH is 0.501 W/kg. SAR tests were conducted with handset transmitting at its highest certified power level in accordance with testing methods set by the government. While there may be differences between the SAR levels for various handsets, they all meet the governmental requirements for safe exposure. The actual SAR level of the handset while operating can be well below the highest value. This is because the handset is designed to operate at multiple power levels so as to use only the power required to reach the Network.
Additional information on SAR can be obtained on the following Websites.

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

[*]Requirements are stipulated in Radio Law (Ordinance Regulating Radio Equipment, Article 14-2).

Water & Dust Resistance

004SH Water & Dust Resistance

004SH complies with IPX5 (former JIS protection level 5)[1] and IPX7 (former JIS protection level 7)[2] water protection standards as well as IP5X (JIS protection level 5)[3] dust protection standard, with Port Cover and Battery Cover closed firmly.

[1]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.

[2]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.

[3]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. Malfunction resulting from misuse is not covered by the warranty.**

● **004SH 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.**

Important Notes

● Close Battery Cover and Port Cover firmly. Debris (hair, sand, fibers, etc.) trapped between Cover and base may expose handset to liquid/dust.

● If Battery/Port Cover is left open liquid exposure may cause handset malfunction/electric shock. Power off, then remove battery.

● If handset is wet, wipe it with dry cloth.

● Do not open/close Battery/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 pressing keys).

● Handset is not resistant to water pressure. Avoid high-pressure water/shower (over 6 liters/min.) or water immersion.

● Do not expose handset to extreme humidity for long periods; avoid prolonged use in bath/shower rooms.

● Do not use in saunas. Avoid hot air from dryers, etc.

● Use handset within 5°C - 35°C (up to 40°C for brief periods in bath/shower rooms, etc.) and 35% - 90% humidity.

● Avoid extreme temperatures (e.g., near stoves, inside refrigerators, etc.).

● Volume may be low when Microphone/Earpiece/Speaker is wet; dry handset before use.

● Battery, Desktop Holder and optional accessories are not waterproofed or dustproofed.

● Do not subject handset to strong shocks or impacts; do not poke Microphone, Earpiece, Speaker, etc. with a cotton swab or 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, etc. trapped in the hinge may cause excessive friction or noise when opening/ closing handset.

● Touch Panel 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.

● 004SH 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/Port Cover affects water/ dust resistance; contact a SoftBank Shop.

Charging Precautions

● Battery, Desktop Holder and optional accessories are not waterproofed or dustproofed. Avoid exposure to liquids/high humidity (e.g., precipitation, bath/shower rooms, restrooms, etc.); may cause fire, electric shock or damage.

● Never charge battery while handset is wet; may cause fire or damage due to electric shock or short-circuit.

● Close Port Cover firmly after charging via External Connector Port. Use Desktop Holder to prevent ingress of water and dust via External Connector Port.

● Do not touch Desktop Holder or Charger with wet hands. Electric shock may occur.

● Do not use Desktop Holder or Charger in rooms in which water is regularly in use (kitchens, bath/shower rooms, etc.); may cause fire or electric shock.

Care & Maintenance

● Proper care of the gaskets around Port Cover and Battery Cover is crucial for continued handset water/dust resistance. Observe the following:

■ Do not remove or damage gaskets. Keep them clean.

■ Do not insert sharp objects through Port/ Battery Cover gaps; may damage gasket and affect water/dust resistance.

■ If Port/Battery Cover gasket is damaged or deformed, replace it with a new one. For gasket replacements, contact a SoftBank Shop.

● To maintain water/dust resistance, replace related parts every two years regardless of their condition. Customer-requested parts replacement incurs fees and requires handset submission. For details, contact a SoftBank Shop or SoftBank Mobile Customer Center, General Information (see **P.9-1** "Customer Service").

Cleaning Handset

Washing Handset

Wipe off dirt, sand, beverage, etc., gently with 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 normal temperature (5℃ - 35℃). Wash with your hands, taking care not to open Covers; do not use a brush or sponge. Dry handset before use.

● 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 by exposing it to extreme heat (e.g., hot air from dryers, etc.); may cause warping, discoloration or damage.

Drying Handset
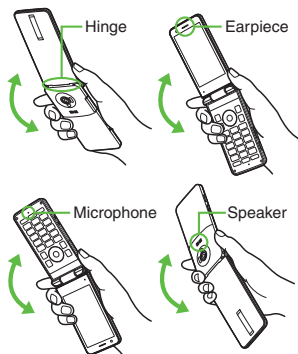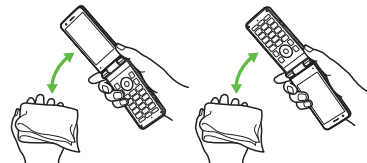
Dry these parts/areas after washing handset:

| Hinge | Earpiece |
| Microphone | Speaker |

1 Wipe handset surface with dry cloth

2 Holding hinge firmly by its sides, shake handset about 20 times

Hinge   Earpiece

Microphone   Speaker

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 Connector Port.
● Exposure to cold may freeze moisture causing malfunction.

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