Thank you for purchasing SoftBank 109SH.

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

- Accessible services may be limited by contract conditions.
- SoftBank 109SH is compatible with 3G and GSM network technologies.
- 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.
- •In this guide and on handset, "abroad" means "outside Japan" with regard to handset/service usage.

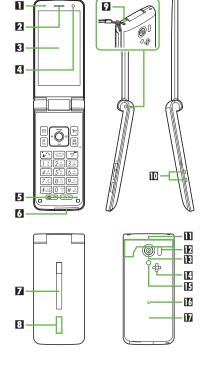
*With the exception that Handset Code and Administrator Code are saved.

Table of Contents

Guide Usage Notesi
Table of Contentsii
1 Getting Started
Handset Parts1-1
Battery & USIM Card1-3
Charging Battery1-5
Power On/Off 1-6
Display & Indicators 1-7
Sub-display1-11
Touchscreen 1-12
Menu Operations 1-15
Menu List 1-17 Security Codes 1-19
Mobile Manners1-19
My Details & Basic Settings 1-22
World Clock 1-23
Memory Card 1-24
Memory Card 1-24 2 Universal Operations, Etc.
Memory Card 1-24
Memory Card

Sending Messages
5 Internet
Internet Services 5-1 Yahoo! Keitai 5-2 PC Site Browser 5-3 Browsing 5-4
6 Connectivity & File Backup
Infrared 6-1 Bluetooth® 6-5 PC Connection 6-9 Backup 6-10
7 Camera
Using Camera 7-1 Photo Camera 7-5 Video Camera 7-15 Album 7-21
8 Additional Functions
TV 8-1 Media Player 8-7 Mobile Widget 8-12 Standby Shortcuts 8-14 Icon View 8-15
9 Customer Support
Customer Service

Parts & Functions



- Pressure Vent
- 2 Earpiece
- Display
- Light Sensor
- ₫ Mic
- **6** External Device Port (with Port Cover)
- ☑ Sub-display
- Notification Lamp
- Strap Eyelet
- Charging Terminals
- III Internal Antenna Area
- ☑ Infrared Port
- E Camera (Lens Cover)
- ☑ Speaker
- Mobile Light
- Logo
 Battery Cover
- Do not cover or place stickers, etc. over Light Sensor or Internal Antenna area.
- Close Port Cover after External Device Port use.
- Avoid metal Straps; may affect signal reception.

Opening External Device Port Cover

• Pull at notch to open Port Cover.



Handset Positions

Handset Closed

Keep handset closed when not in use.



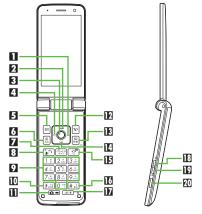
Handset Open

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



Handset Keys

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



- Multi Selector (right)
 Open Icon View. Long Press to access last opened Icon View page.
- Multi Selector (up) Open Mobile Widget window. Long Press to open PC Site Browser menu.
- Center Key Open Main Menu. Long Press to activate/cancel Keypad Lock.

- ☑ Multi Selector (left)
 ☑
 Open Call Log (All). Long Press to enable/ disable Bluetooth[®].
- ☐ Mail Key ☐ Open Messaging menu. Long Press to open S! Mail Composition window.
- Shortcuts & A/a Key
 Open Shortcuts.
- ☑ Clear/Back Key ☐ Play Answer Phone messages. Long Press to activate/cancel Answer Phone.
- Start & Rakutomo Link Key
 Open Rakutomo Link. Long Press to open
 Double Number Mode menu.
- Dialpad 0⁻¹ 9... Enter numbers to place calls or access functions. Long Press to open Phone Book.
- Enter ∦, +, P, ? and -.

 III Camera Key □ =

open Bookmarks list*.

- Activate Camera. **E** Yahoo! Keitai Key ♥

 Open Yahoo! Keitai portal. Long Press to
- IE TV & Dictionary Key

 Activate TV. Long Press to open Dictionary.
- Multi Selector (down) ♀
 Open Phone Book. Long Press to open Exchange Profile*.
- Power On/Off & End Key S Long Press to power off.

- Enter #. Long Press to activate/cancel Manner mode.
- II Multi Job & Manner Key ☐♥
 Select handset mode. Long Press to activate/cancel Manner mode
- Wolume Up Key Handset Closed: Long Press to illuminate Mobile Light.

Side Kevs

- ☑ Volume Down Key

 Handset Open: Show/hide Softkeys.

 Long Press to enable/disable VeilView.

 **The Control of the Contro
- Shutter Key

 Handset Closed: Toggle Clock view.
 Handset Open: Long Press to activate
 Video Camera.
- Multi Selector & Side Keys
 In this guide, Multi Selector and Side Key operations are indicated as follows:

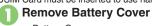
Press or 🔾	•
Press ● or ●	•••
Press ૾, ♀, ⊷ or ⊶	••••
Press or	4 ▶

Battery & USIM Card Installation

Do not apply excessive force to Battery or USIM Card.

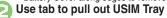
Inserting

USIM Card must be inserted to use handset.





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





Slide in USIM Card with IC chip facing up



Secure USIM Tray

Insert Battery



Battery terminals with contacts.

Replace Battery Cover



- Fit Battery Cover into slot, then firmly press down along edges.
- Close Battery Cover firmly. Debris trapped between gasket and base may expose handset to liquid/dust.

Removing

Always power off first.



Remove Battery Cover



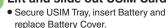
Remove Battery



Lift Battery as shown.
 Pull out USIM Tray



Lift and slide out USIM Card



Take care not to lose removed USIM Card.

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

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

About Battery

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

Lithium-ion Battery

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



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

About USIM Card

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

Precautions

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

Important

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

USIM PIN

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

PIN Lock

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

Canceling PIN Lock

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

Enter PUK → ● Enter new PIN →

- Re-enter new PIN ●
- Do not forget PUK; write it down if necessary.

PUK Lock

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

Charging Battery (Desktop Holder)

Battery must be inserted in handset to charge it.

Charging Battery Outside Japan

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

Important AC Charger Usage Note

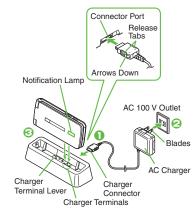
 Retract blades after charging. Do not pull, bend or twist cord.

When Notification Lamp is Flashing

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

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

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





- Insert Charger connector in the correct orientation until it clicks.
- Extend blades and plug AC Charger into AC outlet



Place handset into Desktop Holder



- Push down handset until it clicks into place.
- Notification Lamp illuminates red while charging.
- Notification Lamp goes out when Battery is full.
- Remove handset from Desktop Holder
- Unplug AC Charger
- Disconnect Charger connector from Desktop Holder
 - Squeeze release tabs and pull straight out.

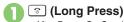
Important Desktop Holder Usage Notes

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

Power On/Off

Power On

Described for initial power on.



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



Select option 🕈 💽

Guide descriptions are based on Standard Menu.



- After Change Menu guidance, My Details setup starts.
- - Change Menu display option appears.





Standby

- Choose No to enter Standby immediately after powering on.
- When USIM Card is Not Installed
- Insert USIM Card appears; handset is unusable.

Retrieving Network Information

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



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



Power Off

- (Long Press)
 - After Power Off Graphics, handset shuts down.

Display

Standby



Hereafter, most screenshots omit Mobile Widgets and other icons.

Indicator Descriptions

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



Tap indicator



- Active indicators are enlarged; description for selected indicator appears.
- After ①. Touch & Hold other indicators to view their descriptions.
- After ①. Tap indicator to access corresponding function (e.g., Battery Meter window from battery strength indicator): may be unavailable for some indicators

Information Window

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



Information Window

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



Display Rotation

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





Landscape Orientation



Portrait Orientation

Softkeys

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

■ Portrait Orientation



■ Landscape Orientation

Some key assignments may vary with window content.



Display Saving

Display goes completely dark after set Display Saving time elapses. Press any key (except ③ during a call) to cancel Display Saving and reilluminate Display.

Backlight

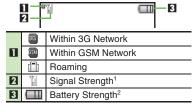
- Backlight turns off after Time Out time elapses. Press [0 **] [9.3] to illuminate it (key press may affect active function).
- Display goes completely dark during a call. (Backlight does not turn off first.)

Indicators

Display Indicators

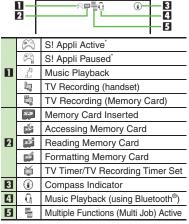
When Double Number is set to Dual Mode, line type appears at the bottom right of some indicators.

■ Basic Status



¹More bars indicate stronger signal.

■ Function Status



^{*}Appears gold for some S! Appli.

■ Notifications

i	1 — 2 — 3 — 4 —	5 6 7 8	
П	\bowtie	Unread Mail	
	N	Unread Delivery Report	
2	ON []	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	DRM >>)	Contents Key Received	
	X.	Unread S! Information Channel info	
7	餾	Software Update Result	
	٩	Unread S! Quick News info	
8	010	Unread Urgent News	
Warnings			

Warnings

11 -

	2 —	
П	\searrow	Mail Memory Low
2	XX	Message Delivery Failure
3	- N	Memory Card Unusable/Misinserted

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

■ Transmissions

	1 — 2 — 3 — 4 —	5 *>= 5 7 8
П	SSL	SSL Browsing ¹
-		Packet Transmission Active
2	M	Receiving Mail
		Sending Mail
3		Positioning ²
4	æ	Updating Software
5	ſĸ.	RSS-compatible Site
6	*	Weather Indicator
	₽	USB Cable Connected
	•	USB Transmission Active
	ijţ.	Infrared Transmission Active
		Infrared File Transfer
	*	Bluetooth® Active
_	*	Bluetooth® Transmission Active
7	8)	Bluetooth® Transmission Active (for multiple connections)
	0	Bluetooth® Talk Active
	ē	IC Transmission Active
	¢	S! Addressbook Back-up Transmission Active
		PC Site Browser in Use
8	ijţ.	Infrared Active

Settings

1	ā	Offline Mode	
2	ž	Answer Phone Active	
3	475	Call Forwarding or Voicemail Active (forwarding condition: <i>Always</i>)*	
4	1	Calendar/Task (Alarm Set)	
ш	1	Calendar/Task (Alarm Unset)	
5	Å	Alarm Set	
6	@	Hour Minder Active	
	7	Manner Mode	
7		Drive Mode	
7	•	Original Mode	
		VeilView Active	
8	-	Keypad Lock Active	
0	(%)	IC Card Lock Active	
	N	Ringtone (Silent)	
9	4	Ringtone (Increasing Volume)	
_	\$	Vibration for Incoming Voice/ Video Calls Active	

10	4	Auto Answer or Remote Monitor Active
00	8	Show Secret Data Active
ш	į.	Function Lock (Once) Active
12	ů	Wakeup TV Set

Indicator does not appear when Call Forwarding is set to Video Calls only, with Voicemail unset.

¹Hidden while Mobile Widget is in use. ²Flashes while sending location information.

Sub-display

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

Activating Sub-display







Indicators

■ Basic Status



Signal Strength¹ Battery Strength²

■ Notifications

3

Şŏ.

(0!0)

	anioationo
e4 <u>[</u>]	Missed Call
	Answer Phone Message Recorded
m(i)	Missed Call Notification
#	New Voicemail
\vee	Unread Mail
Ξ	Unread Delivery Report
÷ŝ	Contents Key Received
(<u>A</u>)	Unread S! Information Channel info
<u> </u>	Weather Indicator Update
₩*	Location Information Request
Ħ	Pedometer Target Achieved
$\mathbb{C}!$	S! Appli Notification

Auto Backup Complete

Auto Backup Canceled

Unread Urgent News

Warnings

<u>E</u> 3	Message Delivery Failure
≵ ×	S! Information Channel Info Reception Failure
⊕ X	Weather Indicator Update Failure
21/2×	Auto Backup Failure

■ Handset Status

ф	Alarm
1	Calendar Alarm
Ž	Task Alarm
¥	TV Alarm (Watch)
5.	TV Alarm (Record)

¹More bars indicate stronger signal.

²Flashes while charging.

Using Touchscreen

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

Basic Operations





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

■ Double Tap

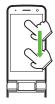
Tap Display twice in rapid succession (within approximately 0.6 seconds).

Touch & Hold



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

Drag



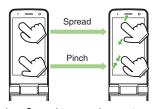
Drag to move item or scribble/sketch.

Flick



Flick to scroll.

Pinch & Spread



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

Important Touchscreen Usage Notes

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

Usage Examples

Selection & Execution

Tap item to open or execute corresponding function/operation.



Tap Data Folder

■ Two Taps

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



Tap Music twice



Music folder opens

Screen Scroll

For hidden items, Flick/Drag in opposite direction.



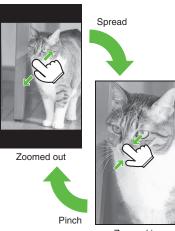
Flick right



Left portion appears

Zoom In & Zoom Out

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

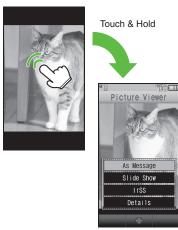


Zoomed in

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

Open Menus

Touch & Hold Display to open menu.



Menu opens

Calibrating Touchscreen

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











• Follow onscreen instructions.

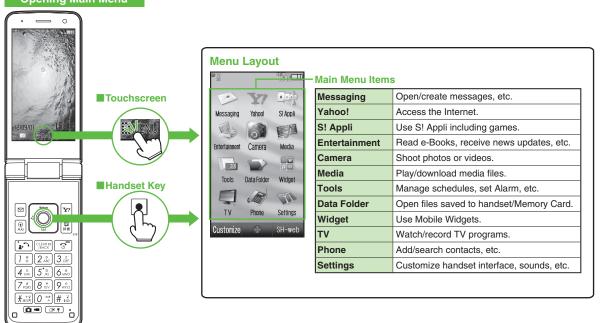
Undo Calibration

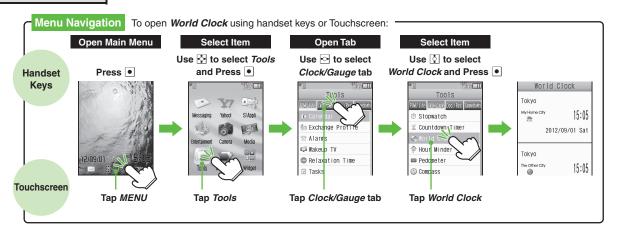
• If calibration does not improve response, restore default setting as follows:

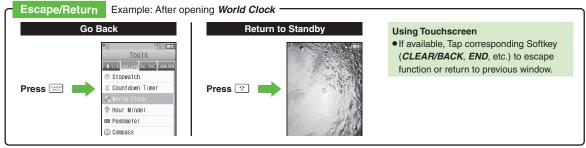
After (4), CLEAR III

Main Menu

Opening Main Menu







Menu List

Messaging

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

Yahoo!

Yahoo! Keitai

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

S! Appli

S! Appli Library
Osaifu-Keitai
Settings
Information

Entertainment

S! Information Channel/Weather
S! Quick News
Urgent News
Free Contents
S! Contents Store
Blog Tool
BookSurfing
e-Book Viewer

Camera

Easy Auto Camera	
Pro Auto Camera	
Quick Camera	
Rapid Shooting Camera	
Best Select Photo	
Fish-eye Camera	
Miniaturize Camera	
HD Video Camera	
Pro Auto Video Camera	
Album	
Scan Receipt	
Barcode Reader	

Scan Card
Kanji/English Grabber
Review
Set Camera Key

Media

Music Videos MTP Mode

Tools

PIM/Life Calendar Exchange Profile Alarms

Wakeup TV
Relaxation Time
Tasks
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

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

Data Folder

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

Widget

Widget Store	
Widget Contents	
Settings	

ΤV

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

Phone

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

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	
-	Ī

■ Network

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

Security Codes

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

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

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

^{*}Save/change on handset.

If Security Code is Unsaved

 Code setup message/window opens whenever Security Code is required.

Incorrect Code Entry

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

Saving Handset Code

Enter four to eight digits.







Locks Menu

- Handset Code Settings ▶ •
- Save Handset Code ▶
- Enter Handset Code ▶ ●
- 🕞 Re-enter Handset Code 🖈 💽



Saving Administrator Code

Enter four to eight digits.

- In Locks menu,

 Administrator Setting ▶ •
- Enter Administrator Code
- Re-enter Administrator Code

 ●

Changing Administrator Code

After @, enter current Administrator Code

- **▶** Enter new Administrator Code
- ▶ Re-enter new Administrator Code

Need/UnNeed Setting

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

- In Locks menu, *Handset*Code Settings
 ●
- Need/UnNeed Setting ⇒ ■
- Need ⇒ ⇒ Enter Handset Code ⇒ ●

Mobile Manners

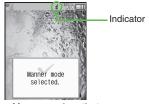
Please use your handset responsibly. Take care not to disturb others when using your handset.

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

Manner Mode

Mutes most handset function sounds.





Manner mode activates.

When Manner Mode is Active

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

Canceling Manner Mode

(Long Press)

Offline Mode

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

- Settings → Network
- Offline Mode ⇒ •
- (C) On → •



Offline Mode activates.

Canceling Offline Mode In ②, Off ▶ •

My Details & Basic Settings

Handset Number & Address





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

Date & Time

- Settings → In Sound/Display menu, Date & Time → ●
- 🔁 Set Date/Time 🕈 💽
- Enter the year → Enter the month → Enter the day → Enter the time →
 - If confirmation appears, choose Yes and Press

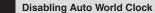
Language

- **Settings ●** In Sound/Display menu, Language or **言語選択**
- English or 日本語 ➡ ■

Using World Clock

Auto World Clock

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





Auto World Clock ⇒ ■

🛕 Disabled 🖈 💽

Setting World Clock Manually









Set Time Zone Window

👔 🗠 Select city 🖈 💽





Showing World Clock in Standby Manually



闷 Standby Display 🖈 💽

Clock/Calendar → •

🔼 World Clock (L), etc. 🖈 💽

🕞 💿 **➡** Standby returns

Using Memory Card

About Memory Card

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

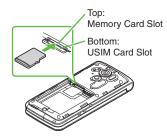
- Use recommended Memory Cards only.
 For details, contact SoftBank Customer Support, General Information (P.9-1).
- If Memory Card is inserted, captured photos, downloads and other files are saved to Memory Card. (My Pictograms and Graphic Mail templates are saved to handset.)

Memory Card Cautions

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

Memory Card Slot Location

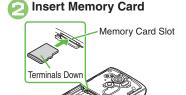
Memory Card Slot is located above USIM Card Slot. Do not insert Memory Card into USIM Card Slot.



Inserting & Removing

Always power off first.





- Insert Memory Card (terminals facing down) all the way until it clicks.
- Do not insert other objects.
- Insert Battery, then replace Battery Cover (P.1-3)

If Appears after Power On

 Memory Card may not be inserted properly; reinsert it.

Removing Memory Card

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



Formatting Memory Card

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





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



• To cancel, choose *No* and Press •.

Precaution

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

Text Entry

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



Text Entry Window (Message Text)

Opening Help

Note

 Pressing repeatedly may not close text entry windows.

Switching Entry Modes





Available entry modes appear.



🗾 Select mode 🕈 💽

Entry mode indicators:

あ 。*	Kanji (Hiragana)
ア/_ア	Double/Single-byte Katakana
A/a	Double-byte Alphanumerics (upper/lower case)
_A/_a	Single-byte Alphanumerics (upper/lower case)
1	Single-byte Number
X	Character Code

* 🗲 appears when Predictive is active.

Text Entry Basics

Use Dialpad to enter characters. Multiple characters are assigned to each key.

Press a key to toggle character options for that key.

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



• Press 📭 to reverse-toggle options.

To enter characters assigned to the same key, Press • first.

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



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



Entering Characters

Hiragana

Enter 🗲 🎏 in Kanji (Hiragana) mode.

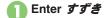




(Confirm)

Kanji

Convert **すずき** to 鈴木.





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





- 会 给木
 - To exit suggestion list, Press ...





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

When Target Word is Not Listed

- Press ☐ or ☑ to segment hiragana to convert separately.
- Press v to toggle Predictive and Non-Predictive suggestions.

Deleting Words/Phrases from Entry Log
Enter hiragana → ② → Select word/
phrase → ᠍ (Long Press) → Yes → ●

Entering from Dictionaries

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

Enter hiragana → Before confirming entry, □



- Press 📴 to toggle dictionaries.
- Select word, etc. ▶
 - Definition/translation appears.
- **3** •

One-Hiragana Conversion

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





Correction Conversion

After mistyping hiragana assigned to the same key (e.g., 1 instead of 3), enter intended word/phrase from suggestion list without retyping.

Available when three or more hiragana are typed.

- Enter hiragana → Before selecting word/phrase, 💍
 - · Corrected word suggestions appear.
- Select word/phrase → ●

Katakana

Switch to Double-byte Katakana mode and enter $\ddot{\nu}$







Pictograms & Symbols

- May be unavailable depending on entry mode.
- Immediately after confirming a descriptive word such as 嬉しい をしい, corresponding pictograms may appear in suggestion list. (PictgramWordLink)
- ¥ #2
 - Entry window for pictograms and symbols opens. (Log appears if pictogram/symbol has been used.)
- (toggle tabs) ⇒ □ or ☑ (toggle lists)

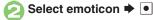


- While entering message text, Press Ain pictogram list to toggle cross-carrier pictograms and all pictograms.

 Alternatively, Press Ain to switch to My Pictogram or symbol list.
- - Pictograms are double-byte even in single-byte entry modes.
- ☐ CLEAR 20 List closes

Emoticons





Alternative Emoticon Entry Method

 In Kanji (Hiragana) mode, enter かお or a descriptive word such as カーい or ラール, then convert the entry.

Mail & Web Extensions

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





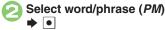
 Extensions are single-byte even in double-byte entry modes.

Hiragana to Katakana/ Alphanumeric Conversion

Enter katakana or alphanumerics in Kanji (Hiragana) mode using key inscriptions. Example: Enter *PM*



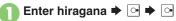




Using Wildcard Characters

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

Example: Kanji (Hiragana) mode





* appears; to enter another *,
 Press again.



Editing Characters

Deleting & Editing

Correct また、お願いします to また明日 お願いします

Select character







- Highlighted character is deleted.
- Select target location
 Enter characters



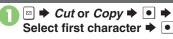
Recovering Deleted Characters

• Press in to recover characters deleted with ...

Deleting All Characters

- Long Press at text end. To delete characters on and after cursor, select the first character of text and Long Press
- Jumping to the End or Top of Text
 - □ → Cursor Position → → Jump to End or Jump to Top → ●

Copy/Cut & Paste





- To cancel and start over, Press 🗹
- Alighlight text range → ■



• Text is entered.

Customizing Fonts

Enlarging All Fonts

Enlarge fonts for menus, text entry, etc.





Sound/Display Menu

In Sound/Display menu,

Change Menu

●



Carge Font Menu → ■



Resizing Specific Fonts





Sound/Display Menu

- Font Settings → ●



Font Settings Menu

- Font Size → Select item → ●
- 🕞 Select size 🖈 💿

Changing Font Weight

In Font Settings menu, Font Weight ▶ ●



Select weight ▶ •

Using Mincho Font



Ming-cho ⇒ ■

Wallpaper

- Settings → In Sound/Display menu,

 Display → ●
- Wallpaper → •



Wallpaper Menu

- Select folder → ●
- Select file →
 - Some files may not be usable.
 - Omit when Preset Pictures or Customized Screen is selected in
 - Use ♦ to zoom in/out or Press to rotate.



Selecting Images Smaller or Larger than Display ■ For *Centered*, use 🐧 to zoom in/out or Press

to rotate. Downloading Images from the Internet In €, Download Pictures • • Read terms of service and then follow onscreen instructions. Selecting Images with Limited Usage Period Confirmation appears. Follow these steps: Yes **▶** • **▶** • If Double Number Mode Menu Opens Selecting Chara Time Files In ③, Chara Time → ● Select file

 $\Rightarrow \bullet \Rightarrow \bullet \Rightarrow \bullet$

Slideshow Wallpaper

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

- In Wallpaper menu, *Slide W*paper ▶ ●
- 🏿 Folder Setting 🕈 💽
- Pictures or DCIM ▶ •
- Select subfolder

 Set this folder
 - Omit steps for subfolder if none is applicable.

If There is No Image in Set Folder

Preset images appear.

Using Preset Images

In ⓒ, Preset Pictures ▶ •

Selecting Pattern

In ②, Pattern Setting → ● Select pattern → ●

■ To check patterns, select one and Press .

Customizing Handset Responses

Ringtones

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





Sounds & Alerts Menu

- Ringtone/videos ⇒ ■
- Select item

 For For New Message, etc., select

 Assign Tone and Press

 .

 Select item

 Assign Tone
- Select folder ⇒ •
- Select tone/file

 Some files may not be usable.

Changing Ringtone Duration

After ②, *Duration* **→** ■ **►** Enter time **→** ■

Playing Video for Incoming Transmissions In ②, Videos ▶ • ⇒ □

If Portion of File Content is Specifiable

 After ⑤, start point selection window opens. Follow these steps:
 Select start point ▶ ●

Selecting Files with Limited Usage Period

 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.

- In Sounds & Alerts menu,

 Machi-Uta

 ●
- Register/Cancel

 Follow onscreen instructions

Vibration

- Select item

 Switch

 On/Off

 Switch
- **③** On **→** •
- Vibration Pattern

 ■

 To sheet vibration patterns of
 - To check vibration patterns, select one and Press □.
- Select pattern → ●

Vibration Caution

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

Emergency Calls

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

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

Handset Restrictions & Emergency Calls

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

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

Voice Calling

Answering Voice Calls

Incoming Call window opens for a call.



Incoming Voice Call Window

- to accept the call

 Call connects.
- 🕥 💿 🕈 Call ends

Muting Ringer Temporarily
When a call arrives,
Earpiece Volume

During a call, 🐧 or

After Calls from Unsaved Numbers

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

Placing Voice Calls

- Enter number with area code
- - Wait for receiver to accept the call.



😮 🖻 🕈 Call ends

Specifying Line when Double Number is Set to Dual Mode After ①, ● ▶ Select Line(Voice) ▶

Select line
 Select line
 ■

Placing International Calls

- Enter number with area code

 □
- 🔁 Int'l Call 🖈 💽
- Select country

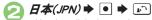
 Handset dials the number.

Calling Unlisted Countries
In ⑤, Enter Code ▶ ● ▶ Enter
country code ▶ ● ▶ ♪

Calling from Outside Japan

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





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

👔 💿 Þ Call ends

Calling SoftBank Handsets

• In ②. always select 日本(JPN).

Calling Landlines & Mobiles within the Same Country

Enter number with area code ▶ 🗈

⇒ Dial to Your Stay ⇒
•

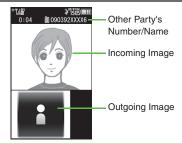
Calls Overseas

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

Video Calling

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

Video Call Window Layout



Video Call Cautions

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

Answering Video Calls

Incoming Call window opens for a call.



Incoming Video Call Window

- n to accept the call
 - Alternative Image is sent. (Video Call charges apply to the caller.)
- 🕥 💿 🕈 Call ends

Answering with Camera Image
[Incoming Video Call Window] ●

No ● ●

■ Engaged Video Call Operations

Toggle View	E IN IN
Toggle Outgoing Image	•
Open Help	→ Help → •

Placing Video Calls

- **1** Enter number **→** •
- Video Call ⇒ •



- Image appears when call is accepted.

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

^{*}Requires separate subscription

Call Forwarding

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

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





Voicemail Menu

- Diverts → ■
- 🔼 Select call type 🖈 💽
- Ro Answer → •
- Phone Book → Select contact → ●

- Select number

 Omit if only one number is saved.
- Select ring time ▶ •

Diverting Calls without Handset Response In ⑤, Always ▶ ● ▶ ⑥ - ⑥

Entering Forwarding Number Directly In ⑥, Enter Number ▶ ● ▶ Enter number ▶ ● ▶ Select ring time ▶ ●

Voicemail

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

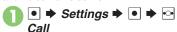




Diverting Calls without Handset Response In ②, Always ▶ •

Missed Call Notification

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





Playing Messages from Missed **Call Notification**

In Information window,

Call Log appears.

Voicemail **→**

Play to Voicemail ▶ •

Yes **▶** • • Follow voice guidance.

Playing Messages from Voicemail Menu

In Voicemail menu,

Plav Voicemail **→** • Follow voice guidance.

Deleting New Voicemail Message Indicator In ②. Clear Indicator → • Yes

Canceling Call Forwarding/Voicemail

In Voicemail menu, Cancel $AII \Rightarrow \bullet$



Adding Contacts to Phone Book

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







 Characters entered for names (reading for kanji) appear. Add Phone Number:

► Enter number

Select type

•



- To save additional numbers, repeat <a>©.



 To save additional mail addresses, repeat ②. Category:

◆ ● Select category

●



New Entry Window



Contact is saved.

Incoming Calls while Adding Entry

Content remains. End the call to return.
 Selecting Mode when Double Number is
 Set to Dual Mode

[New Entry Window] *Mode:* → • → Select mode → • → ⑤

Personal Ringtone

Set tone for calls from saved numbers.

- In new entry window, select item (e.g., *Tone-Voice Call*)

 ▶ •
- Assign Tone → Select folder → ●
- Select tone/file ▶ 🖈

Hiding Contacts

Hide Phone Book entries and require Handset Code for access.

- In new entry window,

 Secret: ▶ •
- On → ▼

Setting Responses by Category

- Phone → SetCategory → ●
- Select item

 Select item (e.g., Assign Tone)

 Set responses
 - Set responses in the same way as contacts.
 - Not available for USIM Card.

Responses Set by Contact

Settings for each contact take priority.

Saving Numbers After Calls

After a call, save number to Phone Book.



When confirmation appears,

New Entry ▶ ● ▶

Complete fields ▶ ☑

Saving to an Existing Contact
In ①, New Detail → ● → Select
contact → ● → Complete fields → ▽

Using Phone Book

Dialing from Phone Book



Contact Search Window (By あかさたな)

- When Double Number is set to Dual Mode, line indicators appear.
- Select contact → ●
- Select number
- 4

Placing Video Calls
After ②, ● ▶ Video Call ▶ ●

Changing Search Method

Phone Book search methods:

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

- In contact search window, □

 → Ph.Book Settings → •
- 🗩 Sort Entries 🖈 💽
- Select method ⇒ ●
- Changing Search Method Temporarily [Contact Search Window] ☑ (Press to toggle search methods)

Opening from Other Functions

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



Select Recipient Window

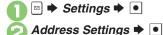
- Phone Book ⇒
 - Contact search window opens.
- 🗩 Select contact 🖈 💽
- Select number or mail address ▶
 - Recipient is entered.
 - Omit if only one number or address is saved.

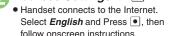
Customizing Handset Address

Change alphanumerics before @ of the default handset mail address.

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

Changing Address





Saving Address

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



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













Sending S! Mail

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





S! Mail Composition Window

- 😮 Phone Book 🕈 💽
- Select contact ⇒ ■
- Select number or mail address ▶
 - Omit if only one number or address is saved.
 - When a mail address is entered, avoid using single-byte katakana in message text or subject; may not appear properly on recipient devices.

- Select Message Text field



🔁 Enter message 🖈 💽



S! Mail Composition Window



Incoming Calls while Creating Message Content remains. End the call to return. Personal Mode When recipient is entered from Phone Book, text entry window word suggestions change by recipient type. Previewing Outgoing Message After ③, ☐ → Preview Message → ● Ictogram Entry In pictogram list, Press ♣ to toggle cross-carrier pictograms and all pictograms. Pictogram appearance may differ by carrier. Specifying Line when Double Number is Set to Dual Mode



- After \bigcirc , Auto Art \blacklozenge \bigcirc \blacklozenge Select decoration type \blacklozenge \bigcirc \bigvee (Next) or \bigcirc (Prev.) \blacklozenge \bigcirc \bigcirc
- To cancel conversion (before ⓒ):

 □ → Cancel Arrangement → →

 Yes → ■

Attaching Files

Send images to compatible handsets using S! Mail.

- In S! Mail Composition window after composing message, select Attachment field ▶ ●
- Select file → ●



File attached



Attaching Non-Image Files

In ②, select a folder other than *Picture* and Press ③, then select a file.

Attaching Multiple Files



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

Automatic Image Resizing

Large images may be automatically reduced to approximately 400 KB - 500 KB by default. Change resize setting with 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

Send SMS to a number saved in Phone Book.





SMS Composition Window

- Select Recipient field ▶ •
- Phone Book ⇒ ■
- Select contact ⇒ ■
- Select number ▶
 - Omit sif only one number is saved.

Select Message Text field



Text Entry Window





SMS Composition Window



Incoming Calls while Creating Message

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

When Message Text Exceeds Limit

- Confirmation appears. To convert SMS to S! Mail, choose *Yes* and Press
- Specifying Line when Double Number is Set to Dual Mode

Entering Pictograms Automatically

After ∅, Auto Art ▶ • ▶ ⋈ (Next)

or □ (Prev.) **→** • **→** ③

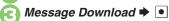
Customizing Message Retrieval

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

Retrieving Messages Manually









Message Download Menu





Retrieving Complete Messages Automatically when Approximate Size is 300 KB or Less In ⑤, On(Up to 300KB) ▶ ●

Specifying Automatic Retrieval

By Sender Type

In Message Download menu,

Condition(Auto)

●

Selected Mail > 🖻



Selected Mail Menu



By Mail Address

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

In Selected Mail menu,

Individual Address ▶ □

🔁 Select blank entry 🖈 💽

Select method

Select/enter address

■

Repeat ② - ⑤ to add mail addresses.

. .



Specifying by Domain (Direct Entry)

[Selected Mail Menu] Receive by the

Domain → □ → Select blank entry

→ ● → Direct Entry → ● → Enter

domain → ● → □ → □

Handling Messages

Messaging Folders

Messages are organized in folders by type.



Automatic Message Deletion

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

Opening Help

 In folder list, message list or message window:



When Failed Message is Saved

 A reminder message appears upon opening Messaging menu.

Opening Messages



Folder List

- When a PC Mail Account exists, PC Mail folder (folder with the name specified in Account Name) appears.





Message List

😮 Select message 🖈 🖭



Message Window

Protecting Messages

In message list, select message

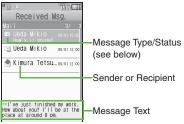
→ □ → Manage Msg. → •



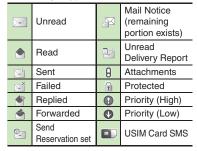
Canceling Protection In ②, Unlock ▶ •

Messaging Window Layout

Message List

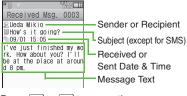


■ Message Type/Status



SMS or PC appears accordingly on indicators.

Message Window

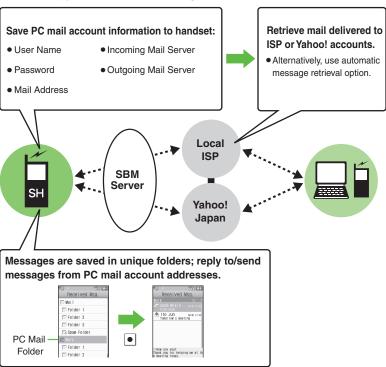


Press $\frac{\mathcal{F}_{\text{obs}}}{\mathcal{F}_{\text{obs}}}$ or $\frac{\mathcal{F}_{\text{obs}}}{\mathcal{F}_{\text{obs}}}$ to open other messages (higher or lower in message list).

Changing Font Size [Message Window] 35 (Long Press) to enlarge or 15 (Long Press) to reduce

PC Mail

Receive or reply to PC mail account messages.



PC Mail Cautions

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

PC Mail Account Setup

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

Mandatory Items for Retrieval

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
	Outgoing mail server address

Setting Other Items

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

Settings → ● PCMail Settings → ●



- PC Mail Account → ●
- ⟨Empty> ▶ ■
- Account Name → →
 Enter name → •
- Set Receiving

 Select item

 Select/
 enter item

 Select/

 Select/

 Select/

 Select/

 Select/

 Select/

 Select/

 Select/

 Select/
 - User Name, Password and ReceivingServer are mandatory.
- Set Sending

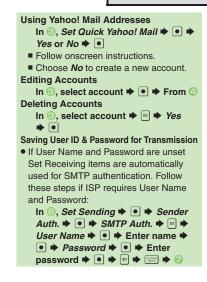
 Selectitem

 Select/enter item

 Select/enter
 - Mail Address and Sender Server are mandatory.



 If confirmation appears, follow onscreen prompts.

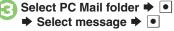


Retrieving New PC Mail

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









Message Window

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

Deleting Messages

[Message List] Select message ▶ 🖾 Delete → ● Select option → • **>** Yes **>** • **Retrieving Messages by Account** After ①, select account ▶ • • • ■ Omit ⓒ if only one message is retrieved.

Sending PC Mail

To create and send PC Mail:





Complete message **→** 🖾 **→** Transmission starts

Converting to S! Mail

After ②, □ → Convert to S! Mail → • **≯** Yes **▶** •

Note

• Single-byte katakana and pictograms are not supported.

Service Basics

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

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

Transmission/Information Fees

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

Security

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

Opening Secure Pages

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

SSL/TLS Caution

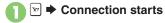
• When a security notice appears upon opening a webpage, subscribers must decide for themselves whether or not to open the page. Opening secure pages constitutes agreement to the terms of SSL/TLS usage. SoftBank Mobile, SHARP Corporation, VeriSign Japan, Cybertrust, Entrust Japan, GMO GlobalSign, EMC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

Using Yahoo! Keitai

Using Yahoo! Keitai Main Menu

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

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



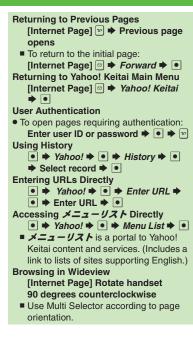


- Internet Page
- Yahoo! Keitai Main Menu opens.
- To disconnect, Press [17].



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





Browsing PC Sites

View PC Internet sites from PC Site Browser.

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

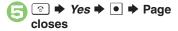
 ◆

 Connection starts



Internet Page

- Yahoo! JAPAN Home opens.
- If a message appears, follow onscreen prompts.
- To disconnect, Press 🛂.
- 🔼 Highlight menu item 🕈 💽
 - Corresponding page opens.
 - Repeat ② to open additional links.



Returning to Previous Pages [Internet Page]

→ Previous page opens ■ To return to the initial page: Returning to Yahoo! JAPAN Home [Internet Page]

→ Homepage →

● **User Authentication** Enter user ID or password ▶ • ▶ 💌 **Using History** In ③, History → • Select record **▶** • **Entering URLs Directly** In ⓒ, Enter URL → • Enter URL **▶** • **Browsing in Wideview** [Internet Page] Rotate handset 90 degrees counterclockwise ■ Use Multi Selector according to page orientation.

Basic Operations

Page Browsing



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.



- Otherwise, use 🔖 to select one.
- Alternatively, Tap a frame to select it.

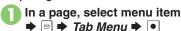
Viewing Selected Frame [Internet Page] Select frame Convenient Functions Frame In Viewing Selected Frame Frame In Viewing Selected Frame Frame In Viewing Selected Frame Frame In Viewing Selected Frame

■ To return, Press

Tabbed Browsing

Open pages in different tabs to switch between pages.

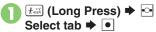
Opening New Tabs







Switching Tabs



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

Closing Tabs



Selecting Items in Enlarged View

Enlarge area to select items with finger.

n a page, Touch & Hold area



Drag to highlight item in enlarged view

Release

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

Selecting Text

Activate Drag Mode in pointer navigation to enable text selection. Select text to copy or look up words in dictionaries. To use a dictionary:

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

- In a page, point to first character ▶ (Long Press)
 - Drag Mode activates.
- Highlight text range



- **B** •
- Select dictionary ▶
 - Dictionary opens with text inserted.

Search → • Select word, etc. → •

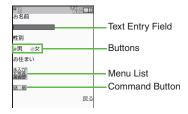
Starting Over

After €, point to first character

From ②

Additional Page Operations

Enter text or select/execute items.



- Text Entry
- 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
- Select item ▶ •

When Multiple Items are Selectable

- Select items as needed and Press (MACE).
- Page Item Indicators
- Selection Items

Buttons or boxes appear.

In a page, select button or box ▶ ●



- / changes to / .
- Execution Items

Execute the assigned command.

Infrared

Connect handset to Infrared devices for wireless connectivity.

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

Transferable Files

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

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

Getting Started

Infrared Precautions

Align Infrared Ports of both devices.

 Handset cannot receive connection requests during Software Updates.



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

Transfer Options

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

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

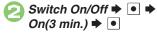
Authorization Code

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

Using Infrared Transmission

Receiving Files







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

Connection request arrives



Request Window

Perform subsequent operations

• To cancel transfer, Press [\forall].

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
- - For Phone Book, My Details except handset number is overwritten as well.
- - Files are saved to Data Folder (Pictures).

Sending Files

One File Transfer

Example: Phone Book



- - When complete, contact search window returns.

All File Transfer

- 🕟 Send All 🖈 💽

- Enter Authorization Code →
 Transfer starts →

 ■

Sending Phone Book

 In ⑤, Picture transfer confirmation appears; choose Yes or No and Press ⑥.

- Sending JPEG Images at High Speed
- 👔 💿 🖈 Data Folder 🖈 💿
- Pictures or DCIM

 For DCIM, select a folder and Press ●.
- Select image ▶ ☑ (Long Press)
- Yes or No → Transfer starts
 - Images may be reduced automatically before transfer depending on size.
 - When complete, file list returns.
 - Transfers are one-way; end even if files are not received.

Exchanging Contact Information

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

Receiving Profiles



(Long Press)



Exchange Profile Menu



Receive **▶** •



Profile received



 Received profile is saved to Phone Book.

Sending Profiles



Bluetooth®

Connect handset to other Bluetooth® devices for wireless connectivity.

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

Getting Started

Bluetooth® Precautions

Check transmission range of your Bluetooth® device to use with handset properly.

Maximum transmission range for transfers

between SoftBank 109SH 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 Enable

▼ Connection complete

Bluetooth®

▼

Accept

Authorization Code

Request connection

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

Using Bluetooth®

Enabling Bluetooth®





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

Connecting Bluetooth® Devices

Device Search & Pairing

Enable Bluetooth® on target devices first.





Bluetooth Menu





- **63**
 - Found Bluetooth® devices are listed after search.
 - To cancel search, Press [\(\frac{\pi}{2}\)].
- Select device

 If confirmation appears, choose *Yes*and Press

 If the select device

 If confirmation appears, choose *Yes*and Press

 If the select device

 If the select device
- S Yes → Pairing complete
 - If target device is a keyboard, follow onscreen instructions

Connecting Devices Not Compliant with Bluetooth® Specification Ver. 2.1

- In ⑤, enter the same Authorization
- Code for handset and target device
- → Paring complete
- On target device, complete code entry within 30 seconds.
- Code entry is omitted for paired devices.



In Bluetooth menu, *Paired Devices* ▶ ●



Paired Device List

Select device

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

.

Selected device is connected and (preferred) appears.

Accepting Connection Requests

To accept connection requests from unpaired devices:

Connection request arrives



Request Window







 If target 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

Exchange files with paired devices as follows:

- For transferable files, see P.6-1.
- When requested, enter Authorization Code.
- Receiving Files
- Connection request arrives



Request Window

- Perform subsequent operations
 - To cancel transfer, Press [\(\frac{\pi}{2}\)].

- 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)

- For Phone Book, My Details except handset number is overwritten as well.
- Sending Files
- One File Transfer

Example: Phone Book

- Select contact ⇒ □ ⇒Send Entry ⇒ •
- 闷 Via Bluetooth 🕈 💽
- Select device

 Transfer starts

 ◆
 - When complete, contact search window returns.

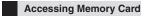
- All File Transfer
- Select device → Yes
- 🕞 Enter Handset Code 🖈 💽



Sending Phone Book

 In ②, Picture transfer confirmation appears; choose Yes or No and Press

Connecting PC



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

Connect handset to a PC with USB Cable



- Card Reader Mode ⇒
 - Use PC to access Memory Card.

Disconnect USB Cable.



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

Utility Software (Japanese)

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

Utility Software

http://k-tai.sharp.co.jp/support/

Mobile Data Communication Fees

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

Basics

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

Specify frequency for Auto Backup.

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

Supported Items

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

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

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

^{*}Selectable for simultaneous backup.

Backup All Items

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

Auto Backup Compatibility

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

Precautions

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

Auto Backup File Deletion

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

Contents Keys

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

Restoring Backed Up Content

 Corresponding handset content is overwritten depending on Restore option.

Backup & Restore

Manual Backup

To back up selected items together at once:



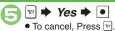


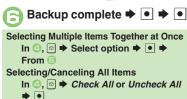
Backup/Restore Menu

- Backup Selected Items

 ⇒ Enter Handset Code

 ⇒ ■
- Yes ⇒ •
- Select item ⇒ (□/☑) ⇒ Complete selection





Auto Backup

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

Precautions

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

At Auto Backup Time

Backup starts; Information window opens upon completion.

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

Changing Settings

To back up once a week automatically:

- In Backup/Restore menu, Settings **→** •
- Auto Backup

 Enter Handset Code **▶** •



Auto Backup Menu

- Frequency Settings

 ▶ •
- Select day

 ● ■ Enter time **→**
- Backup Items

 ● Select item (/√) ▶ Complete selection **→** 🔽



Memory Card to Handset

To restore selected items:

- In Backup/Restore menu, Restore Selected Items > | • | **→** Yes **→** | • |
- Select item **→** (□/✓) **→** Complete selection

• If no file list appears, skip ahead to 3.

Repeat (2) to complete selection.



Getting Started

Shoot photos or videos.

Detect Personal & Pet

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

Continuous AF

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

Select Camera

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

Album

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

Important Mobile Camera Usage Notes

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

Automatic Shutdown

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

Shutter Click

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

Photo Camera & Video Camera Overview

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

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

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

		Description	Focus Mode	Size
	Pretty Arrange Camera	Touch up faces in captured photos.	Normal(Face)	5M
Additional Cameras	Self Portrait Camera	Use guide to capture self portraits.	Normal(Face)	5M
	Face Register Camera	Register name and note for faces.	Normal(Face)	VGA [*]
	HD Video Camera	Record long high quality videos.	Normal(Portrait)	HD*
Video Camera	Pro Auto Video Camera	Record videos with more customizable options.	Normal(Portrait)	HD
	Video Camera for Mail	Record small videos easily to send using mail.	Normal(Portrait)	QCIF

Capturing Photos

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

Using Photo Camera

To capture someone's photo with Easy Auto Camera:





Photo Viewfinder (face detected)

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







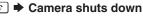
Captured Photo Window

• Shutter clicks; captured photo is saved.



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





One Touch Shutter

• Tap subject in Photo Viewfinder; focus locks and shutter releases automatically. Mobile Light

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

Light ⇒ • • Off ⇒ •

Face Auto Focus

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

Detect Personal

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

Landscape Orientation

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

In Photo Viewfinder, rotate handset 90 degrees



Main Viewfinder Operations

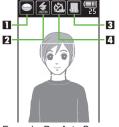
Handset Keys

Zoom In/Out or Adjust Focus	* / \$
Adjust Brightness	•/•
Toggle Mobile Light Mode	# 👸
Change Viewfinder	(3) (i)
Open Help	0 %

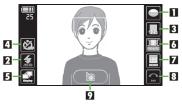
- Press to open Options menu for more functions/settings.
- Multi Selector functions change with Viewfinder orientation.

Touchscreen

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



Example: Pro Auto Camera



Example: Pro Auto Camera

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

Changing Photo Viewfinder [Photo Viewfinder] Tap [2]/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.

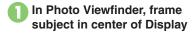
• Tap MENU for more functions/settings.

Opening Help [Photo Viewfinder] Tap MENU → Tap Help twice

Focus Lock

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

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







• Focus Mark (e.g., []) appears and Focus Lock is set.



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

Canceling Focus Lock

1.7

Chase Focus

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

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

Selecting Camera

Switching Cameras

■ In Photo Viewfinder,



- Select Camera ⇒
 - Selected Camera activates.
 - For subsequent operations, see "Using Selected Camera."

Selecting Camera by Purpose
After ①, ⋈ ⇒ From ②
Selecting Camera by Subject
After ①, ⋈ ⇒ ⋈ ⇒ From ②

Using Selected Camera

■ Rapid Shooting Camera



- Select mode ⇒ •
- - After photo capture, thumbnails appear.
- Check All ⇒ Check All ⇒ Alternatively, Tap Check All in
 - Alternatively, Tap Check All i thumbnail list.
- **S**
 - Save process may take some time depending on the number of captured photos.
 - If confirmation appears, follow onscreen prompts.
 - Saved photos appear in Data Folder (Pictures > Shooted Pics).

Shooting Manually

After €, Press ● for each frame ◆ From ②

Saving Selected Photos

After ⓒ, select photo ▶ • (☑) ▶ ☑

Using Photo Recommender

 Save a photo from recommended photos (automatically selected in terms of Face, Move, Sharpness and Macro, one for each).

After ©, © \Rightarrow Photo Recommender \Rightarrow © \Rightarrow Select photo \Rightarrow © (\bigvee) \Rightarrow \bigvee

Alternatively, Tap Recommend then proceed.

Creating Strobe Photo (Composite Image)

 When Compose Strobo Photo appears in thumbnail list:

Alternatively, Tap Compose Strobo Photo.

Look Back Camera

- Frame subject on Display ⇒

 ☐ (whistle), ②♣ (rattle) or
 ☐ (dog bark)
 - Sound plays.
- Face detection activates and shutter releases; photo appears
- **3**
 - Viewfinder returns.
- Smile Camera
- Frame subject on Display
- Smile detection activates and shutter releases; photo appears
- **3**
 - Viewfinder returns.

Self Timer Camera

- Frame subject on Display
 - Countdown starts.
- Shutter releases after approximately ten seconds; photo appears
- **B**
 - Viewfinder returns.
- Wallpaper Camera
- Frame subject on Display

 ▶
 - Wallpaper preview appears.
- **Y**7
 - Photo is set as Wallpaper. (Viewfinder returns.)
- Auction Camera
- Frame subject on Display
 - First photo appears.
- 20
 - Photo is saved.
 - Repeat 1 2 to capture two more photos following onscreen instructions.
- Yes ⇒ •

■ Messaging Camera

- Frame subject on Display
- Mail Composition window opens.
- Complete and send message.

 Shot Memo Camera
- 21:
 - Corrected photo appears.
 - Alternatively, Tap Shot Memo.
- Select preview image
- 4
 - Photo is saved. (Viewfinder returns.)

■ Pretty Arrange Camera

- Frame subject on Display
- 2 / Z / S
 - Face is touched up.
 - Alternatively, Tap Pretty.
- 3 •
 - Photo is saved. (Viewfinder returns.)

Canceling Effects After .

Adjusting Each Effect Separately
After (Small Face), (24) (Cute

Eyes) or ③ (Fair Skin) → ⑥

Alternatively, Tap corresponding indicator then proceed.

When Multiple Faces are Detected

- After ②, Press 1: to touch up all faces.
 To touch up selected faces:
 - After ②, № (select face) **>** (☑)
 - → 2 dec → €

■ Self Portrait Camera

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

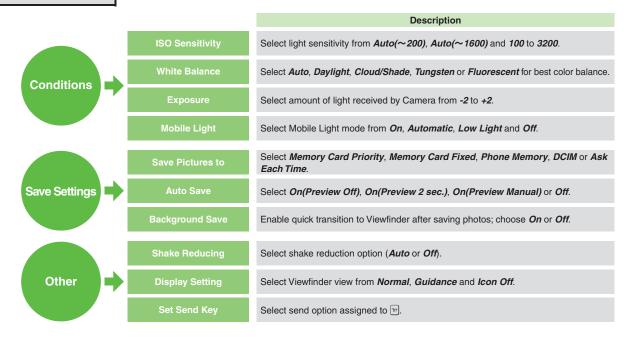
Additional Cameras

Three-Shot Camera	Frame subject on Display → ● Select photo		
Best Select Photo	◆ To save all photos or use Photo Recommender, see P.7-8 "Rapid Shooting Camera."		
Scene Cameras			
Monochrome Camera	Frame subject on Display		
Sepia Camera	Frame subject on Display		
Miniaturize Camera			
Fish-eye Camera			
Blog Camera	Frame subject on Display Frame subject on Display Frame subject on Display Proceed with blogging Complete Blog Tool settings beforehand.		
Drawable Camera	Frame subject on Display • • • 22 • Drag on photo • • Save as New or Overwrite • • • For Save as New, follow onscreen instructions.		

Changing & Saving Camera Settings

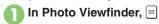
Change settings by purpose/shooting conditions; save frequently used settings as *My Camera* for future use. Some settings may be unavailable depending on Camera mode (no corresponding indicators appear).

Main Items Description **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*. Focus Track focus-locked subject as it moves within Viewfinder; choose *On* or *Off*. **Focus Mark** Select focus frame design from Pattern 1 to Pattern 6. **One Touch Shutter** Release shutter upon Tapping Viewfinder; choose On or Off. Self-timer Select 10 sec., 5 sec., 2 sec. or Off. Shutter Shutter Mode Select *Normal* (manual), *Eqao* (smile detection) or *Furimuki* (face detection). **Shutter Sound** Select shutter click sound from Pattern 1 to Pattern 3 Size **Picture Size** Select shooting size from 12M(3000x4000) to VGA(480x640). & **Picture Quality** Select photo quality from High Quality, Fine and Normal. Quality



Changing Settings

Example: Picture Quality





- Settings **▶** •
- Picture Quality **▶** •



- Select quality **▶**
 - Viewfinder returns.
 - For some settings, current status appears in their indicators.

Saving Changed Settings

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

May be unavailable depending on Camera mode.

- Saving as My Camera
- In captured photo window, □
- Save as My Camera ▶ Messages appear.
- Specify area



 Specified area is used as Camera's icon.

- - My Camera Name: ▶ •
- Enter name **→** •
- ¥7 • My Camera is created.
- **Entering Information** After ⑤, Note: ▶ • Enter text ▶ ▶ ∅
- **Using My Cameras**
- In Photo Viewfinder, [\sigma]
- Select My Camera **▶** •

Registering Faces (Detect Personal)

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

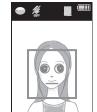
- Register name, note and priority for up to ten faces.
- When multiple registered faces are detected, focus locks on one with highest priority.



Viewfinder Information

Saving Entries

- 🚹 In Photo Viewfinder, 🖾
- Detect Personal/Pet ⇒ ●
- Register Face ▶ •
- Use guide to find best position



Guide turns red when face is detected.





- Window shown above opens when face is recognized correctly; if not, repeat ② - ⑤.
- 🕞 Empty **⇒** 💽
- 🍘 Name: 🖈 💽
- 😭 Enter name 🖈 💽
- **Y**
 - Entry is saved.
 - Lower entry numbers indicate higher priority.

Entering Information

After ③, *Note:* **→ ●** Enter text **→ ●**

Setting Text Color

After ②, Font Color: ▶ ● ▶ Select color ▶ ● ▶ ⊙

Upon face detection, Viewfinder information appears in selected color.

Recording Videos

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

Using Video Camera

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







Video Viewfinder (HD Video Camera)

Frame subject on Display

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

Incoming Calls while Recording

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

If Battery Runs Low

Recording stops. (Recorded clip is saved.)
 Switching Video Cameras

Landscape Orientation

Hold handset horizontally for landscape recording; changes Viewfinder too.

In Video Viewfinder, rotate handset 90 degrees counterclockwise



Sending Recorded Video Using Mail

(Long Press)

🔁 🖻 🖈 Simple Setting 🕈 💽

🛐 Video Cam For Mail 🖈 💽



Video Viewfinder (Video Camera for Mail)

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

🥟 S! Mail 🖈 💽

Mail Composition window opens.

Complete message 🖈 🗹

Main Viewfinder Operations

Handset Keys

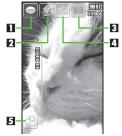
Zoom In/Out	•/•
Adjust Brightness	•/•
Mobile Light On/Off	# 350
Change Quality	¥ ****
Pause/Resume Recording	While Recording, [\frac{\pi}{2}]*
Capture Photo	While Recording, [□] *
Cancel Recording (Start Over)	CLEAR III (BACK
Open Help	0 %

May be unavailable depending on Camera mode and shooting size.

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

Touchscreen

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



Example: HD Video Camera



Example: HD Video Camera



Example: HD Video Camera (Recording)

1	Scene	7	MENU
2	Mobile Light	8	Exit
3	Shooting size	9	Start Recording
4	Self-timer	10	Capture Photo
5	Change Viewfinder	00	Stop Recording
6	Switch Cameras	12	Pause/Resume Recording

Changing Video Viewfinder [Video Viewfinder] Tap // Disp

Switch from menu icons to Camera indicators to all off.

Switching Cameras [Video Viewfinder] Tap Camera selection indicator (→ → → , → , etc.) → Tap Camera

Additional Operations

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

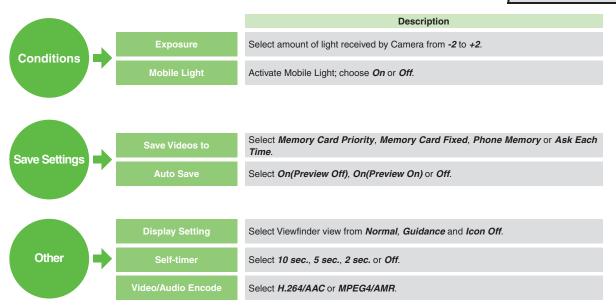
Tap MENU for more functions/settings.

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

Changing & Saving Video Camera Settings

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

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



Changing Settings

Example: Picture Size (shooting size)

በ In Video Viewfinder, 🖾







- R 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
- In Video Viewfinder,

 Simple Setting

 ●
- 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
- In Video Viewfinder, ☐ → Simple Setting → ●
- Select My Video Camera

Opening Saved Images from Album

Basics

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

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

Opening Albums

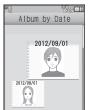




Album Window

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





Album List

Albums within appear.

Select album ▶ •



Image List

- Select image
- **6**
 - Image appears.
 - For Rapid Shooting Camera and Three-Shot Camera albums, images appear sequentially (Continuous Slide): Press • to stop.

Opening Latest Album
After ①, ▽
Slideshow (Photos)
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. To create an album by selecting sort keys from Portrait & Pet and By Camera:

In Album window,

Create Original Album

■



- 🗩 Choose Portrait & Pet 🕈 💽
- Select entry ▶ •



- 4

- Select Camera type ▶ •
- Select Camera ▶ •



- Repeat (5) to complete selection.
- 7 127
- Create Album ▶ 💿
- 🗐 Enter name 🖈 💽
- 🤟 Yes 🕈 💽

Previewing Created Album

After ∅, Album Preview ▶ •

■ To return, Press

Editing Sort Keys

[Album List] Select album ⇒ □ ⇒

Edit Auto Sort Keys ⇒ ● ⇒ Select
item ⇒ ● ⇒ Edit ⇒ ▽

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

Area Setup

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





• Setup confirmation appears.





Select region → ●





After setup, channel list appears.





To watch TV, select TV and Press ■.



Change Area → • Select Area →

Set Area Info → • From ©

TV Antenna

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

Signal Strength Indicator

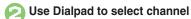
Watching TV

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





TV Window



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



Incoming Calls

• Press 📭 to answer calls.

When Answering Voice Calls with Memory Card Inserted

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

Incoming Messages

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

Important TV Usage Notes

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

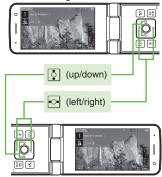
Widescreen

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



Multi Selector functions change with TV orientation.

Rotate 90 degrees counterclockwise



Rotate 90 degrees clockwise

Main TV Window Operations

Handset Keys

Toggle Panel On/Off	¥7
Change Area	E 8
Volume Control	41
Toggle Display Size (portrait)	(3 é

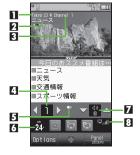
Touchscreen

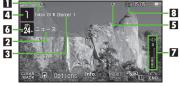
Switch Channel	Drag left/right across TV image → Tap channel
Volume Control	Drag up/down across TV image.
Toggle View	Tap TV image.
Change Display Size	Pinch/Spread across TV image ¹ .
Change Data Broadcast View	Pinch/Spread across Data Broadcast area ¹ .
Change Area	Tap Area name → Tap Area²

¹Available in portrait view. ²Available in landscape view.

Tap Options, then Tap menu items to proceed.

Panel Layout





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

Indicator position varies with Display content, etc.

Data Broadcast (Japanese)

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



Data Broadcast Window

Data Broadcast Fees

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

Using Options Menu with Touchscreen

Recording Programs

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

Precautions

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

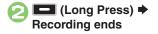
Dubbina 10

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



Recording Window

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



Using Touchscreen

- Tap 🔳 to start recording. To stop, Tap 🔲.
 - In landscape view, Touch & Hold Hold ●. (To stop, Touch & Hold Hold ■.)

Chase Play (Playing while Recording)

- - To start playback using Touchscreen, Tap *Options* → *Rec*/⑤ → ⑤ *Play.* To stop, Touch & Hold **Hold** ■.

Memory/Battery Runs Low or Video Call is Accepted

 Recording stops. (Recorded content is saved.)

Saving Files from the Internet while Recording

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

Playing Recorded Programs





Video List

• Files with mare unplayable.





Playback Window

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

© (Long Press) → Playback stops

Switching Video Lists
After ①, ◎ ➡ Change to Phone or
Change to MemoryCard ➡ ■

Main Playback Operations

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

Handset Keys

Rewind/Fast Forward	1, 2/0•1
Skip (Forward/ Backward)	# \frac{1}{\tau} / \frac{\tau}{\tau_{\text{miner}}}
Pause ³	● (☑ in portrait view)
Set Marker	4
Toggle Panel On/Off	G NB

¹Each Press increases speed. To resume normal playback, Press ☑ (in landscape view).

Touchscreen

Rewind	Drag left across TV image ¹ .
Fast Forward	Drag right across TV image ¹ .
Pause	Tap Pause / 2.
Stop Playback	Touch & Hold 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 .

¹Release to resume normal playback.

²Long Press to replay. (Available when no Marker is saved.)

³In pause, use • to reverse/advance frame.

⁴Not available during Time Shift playback. Long Press to split file.

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

³Available in portrait view.

TV Timer & TV Recording Timer

- In TV window, □ → Rec./
 TimeShift → •
- Reservation List ▶ ●
- Manual ⇒ ⇒ Watching or Recording ⇒ ●
- Enter start date/time

 Enter end date/time

 Enter end date/time

 ■
- Channel:

 Select channel

 Figure 1:

 Channel

 Figure 2:

 Channel

 Figure 3:

 Figure 4:

 Channel

 Figure 3:

 Channel

 Figure 4:

 Figure 3:

 Figure 4:

 Figure 4:
 - If a message appears, read and then Press

Setting Timer from EPG

In ②, From TV Listing ▶ •

Refer to the application's help menu for operational instructions.

Recording Timer Precautions

Confirm target channel reception; keep handset open.

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

At Timer Time (TV Alarm Time)

TV and Alarm activate.



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

While Using Another Function

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

Media Player Basics

Use Media Player to play music/videos on handset.

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

Music File Support

My Music

(Handset/Memory Card)
Downloads/Transferred Files

SD AUDIO

(Memory Card)
Transferred SD-Audio Files

WMA*

(Memory Card) Transferred WMA Files

*Copy-protected WMA files are not supported.

Video File Support

My Videos

(Handset/Memory Card)
Downloads/Recorded Files

Recorder Contents/ SD VIDEO (Memory Card)

Transferred SD-Video Files

Playback Precautions

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

Compatibility

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

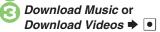
Downloading Media Files

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









• 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.
- Install USB Cable driver beforehand. See
 P.6-9 "Utility Software (Japanese)."

Handling Transferred Files

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

Saving WMA Files

Save WMA files using compatible software.

Connect handset to a PC with USB Cable



- MTP Mode •
 - Copy music from PC. Refer to the software's help menu for operational instructions.
- **? > Yes → • → Connection ends**

• Disconnect USB Cable.

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

Playing Music

- Media → ●
- Music > •
- My Music → → Select tab (folder)



Music Playlists Window

- All Music ⇒ ■
- 🔁 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 ② To stop playback in Standby: ② → Yes → ⑥ Playing SD AUDIO or WMA Files In ⑥, SD AUDIO or WMA → ⑥ From ② Searching for Music Files After ②, ◎ → Search → ⑥ → Enter search text → ⑥ Lyric Display-Compatible Files ⑥ Press ※ to view lyrics.

Main Music Playback Operations

	•		
Replay	(Long Press: Rewind*,		
	Double Press: Skip Backward)		
Skip Forward	•		
Skip i oi wai u	(Long Press: Fast Forward*)		
Volume Up or	*		
Cancel Mute			
Volume Down	Q		
volume Down	(Long Press: Mute)		
Pause	•		
Stop	In Pause, CLEARW		
Open Help	0 **		

Release for playback.

Music Playback Window Layout



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

Playing Videos

Videos → ●



Video Playlists Window

All Videos ⇒ •





Video Playback Window



Playing SD VIDEO Files
In ②, SD VIDEO → ● → ⑤
Searching for Video Files
After ②, ◎ → Search → ● ◆ Enter
search text → ●
At Alarm Time
• Playback pauses.

Videos Recorded on Other DevicesVideos may appear rotated.

Main Video Playback Operations

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

Fast Forward/ Rewind	⊘ / ⊙ *
Slow Motion Playback	In Pause,
Advance/ Reverse Frame	In Pause, ☑/厄
Replay	(Long Press)
Skip Forward/ Backward	# 10 / X 800
Toggle View	(Interface On/Off) 2 (Display Size) 3 (Aspect)

*Each Press increases speed.

Video Playback Window Layout



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

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

Adding to Playlist

To add a music file to $\mathcal{I}V\mathcal{I}U\mathcal{I}\mathcal{I}\mathcal{I}$:









Playlists Window

- All Music → Select file → □
- S Add to Playlist → サプレイリスト1 → ●

Renaming Playlists

- In Playlists window, select Playlist ▶ □
- Edit List Title

 Enter

 name

 ■

Customizing Standby Display (Japanese)

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



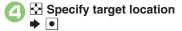
Saving Widgets to Standby

Save up to three widgets (excluding S!速報二二7. 步数計 and 家計簿).





- Select widget ▶
 - Corresponding icon appears.



Using Widgets





Widget activates; follow onscreen instructions.



Removing Widgets from Standby





Remove **→** •

Obtaining Widgets





Mobile Widget Menu

Widaet Store **→** • Follow onscreen instructions.

Installing Widgets

• Some widgets may need to be installed manually as follows: [Mobile Widget Menu] Widget

Contents ⇒ • Select widget ⇒ □ → Install → • → Yes → • →

Activating Widgets Not Saved in Standby [Mobile Widget Menu] Widget Contents ⇒ • Select widget ⇒ • • •

Deleting Widgets

- In Mobile Widget menu, Widget Contents **▶** •
- Select widget **▶** □ ● S!速報ニュース. 歩数計 and 家計簿 cannot be deleted.
- Delete → Yes → •

Deleting All Widgets



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

Standby Shortcuts

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

Saving Shortcuts to Standby



- In Standby Shortcut tab, select item ▶
 - Corresponding shortcut appears.
 - >> appears when more items are available.
- Specify target location

 → •

Saving Shortcuts from Menu/Window
Open Options menu → Set as
StbyShortcut → ● → Standby
Screen → ●

■ Set as StbyShortcut may not appear for some items.

Using Shortcuts



 Menu/window opens or command is executed.

Removing Shortcuts from Standby



Remove →

Icon View

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

Saving Shortcuts to Icon View

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







Icon View Page

previous page. (Press ☐ in Page 1 to return to Standby.)





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

Specify target location

Saving Icons from Menu/Window Open Options menu > Set as StbvShortcut ⇒ • Select page or New Page

▶ Specify target location

■ Set as StbvShortcut may not appear for some items

When Five or More Pages Exist

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

Using Shortcuts



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

Accessing Last Opened Page → (Long Press) Showing Hidden Icons Temporarily Handset Code **▶** •

Removing Shortcuts

- On Icon View page, select icon **→** □ (Long Press)

Customer Service

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

■ SoftBank Customer Support

General Information

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

Customer Assistance (Repairs/Lost Handsets)

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

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

Hokkaido Area Tohoku Area Hokuriku Area Kanto, Koshinetsu Area	022-380-4380	Tokai Area	052-388-2002
Kansai Area	06-7669-0180	Chugoku, 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 Updates

Check for firmware updates and download as required.

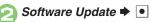
Precautions

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

Software Updates

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









• Follow onscreen instructions.

Update Result

In ②, Update Result ▶ •

Scheduled Update (Japanese)

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

When Updated

Update success notification appears and handset reboots.

After reboot, completion message appears and Information window opens.

Update Result

While Information window is open, Update Result ▶ •

Reboot Failure

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

Safety Precautions

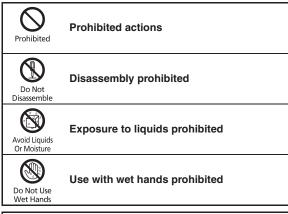
Read Safety Precautions before using handset.

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

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

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

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





Compulsory actions



Unplug from outlet

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



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

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



Or Moisture

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

Do not charge Battery in or expose handset or related hardware to extreme heat (fire, heat sources, direct sunlight, inside vehicles. etc.). Do not charge, leave, use, or be carrying handset or related hardware in a warm place or where heat collects, such as under a kotatsu (blanketed warming table) or electric blanket, next to a kairo (worn warming patch), etc.

May cause warping/malfunction: Battery may leak, overheat, ignite or burst. Handset or related hardware may become hot to the touch, leading to burn injuries, etc.

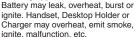
Do not force Battery/Charger into handset. Confirm terminal/ connector orientation: retry. Battery may leak, overheat, burst, ignite, etc.



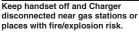
Prohibited



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









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).

Do not drop/throw or subject to strong impact.



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

Prohibited

For unusual sound/odor, smoke or other abnormality:



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

Compulsory

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



May cause short circuit, resulting in fire, malfunction, etc.

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 other purposes. Avoid saunas or hot water.



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

⚠ 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.



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



Compulsory

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

Misuse may cause injury, 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 (nail, hammer, stomp, etc.) Battery or subject it to strong impact.



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

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



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

If battery fluid gets in eyes, do not rub: rinse with clean water and consult a doctor immediately. Eyes may be severely damaged.





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



If Battery does not charge properly. stop trying.



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

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



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

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



Compulsory



A CAUTION

Do not dispose of an exhausted Battery with ordinary refuse.



Prohibited

Compulsory

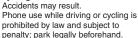
Tape over Battery terminals before disposal. Take Battery to a SoftBank Shop, or follow the local disposal regulations.

Prohibited

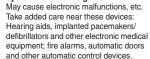
Handset



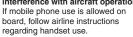
Do not use handset while driving or cvclina.



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



avoid possible radio wave interference with aircraft operations.



Power off before boarding aircraft to

Users with a heart condition should adjust ringtone Vibration and Volume as needed. May cause heart damage.

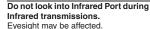


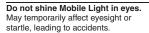
Compulsory

Compulsory

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

There is a risk of lightning strike or electric shock.







Compulsory



be lost.

A CAUTION

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



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

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



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

Keep handset away from magnetic cards, etc.



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

Confirm 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.



Handset may become hot while in use, especially in high temperatures. 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.

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

Moderate handset Volume when

Excessive volume may damage ears

using Headphones.

or hearing.



Watch TV from a distance in good

liaht. Watching in poor light or too close may Compulsory affect eyesight.

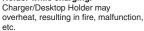


Compulsory

Desktop Holder & Charger (Optional Accessory)

WARNING

Do not cover/wrap Charger/Desktop Holder while charging.



Use only the specified voltage. Non-specified voltages may cause fire,

malfunction, etc. AC Charger: AC 100 V - 240 V Input

• In-Car Charger (use in negative earth vehicles only): DC 12 V/24 V Input Do not use power adapters.

Transformer use may cause fire. electric shock or malfunction.

Unplug Charger for periods of disuse: grasp plug to disconnect. May cause electric shock, fire or malfunction.



Prohibited

Prohibited

Use only the specified fuse for In-Car Charger.

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



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

May cause electric shock, smoke or fire. Power Source



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



Compulsory

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

May cause fire, etc. Use in negative earth vehicles only.



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



Compulsory

May cause electric shock, short circuit, fire, etc.

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



Wet Hands

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

Prohibited

Do not use Desktop Holder inside vehicles.

Extreme temperature or vibration may Prohibited cause fire or malfunction

Do not expose Desktop Holder or Charger to moisture (precipitation,

bath/shower, etc.). May cause fire, electric shock or malfunction



Prohibited

! CAUTION

Grasp plug to disconnect Charger before cleaning.



May cause electric shock, etc.

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



Do not subject Charger to strong impact while it is plugged in. May cause malfunction or injury.



Prohibited

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



Handset Use & Electronic Medical **Equipment**

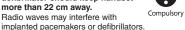
This section is based on "Guidelines on the Use of Radio Communications Equipment such as Cellular Telephones and Safeguards for Electronic Medical Equipment" (Electromagnetic Compatibility Conference, April

1997) and "Report of Investigation of the Effects of Radio Waves on Medical Equipment, etc." (Association of Radio Industries and Businesses, March 2001).



N WARNING

Persons with implanted pacemaker/ defibrillator should keep handset more than 22 cm away.



Compulsory

Before using electronic medical equipment other than implanted pacemaker/defibrillator outside medical facilities, consult the vendor on radio wave effects. Radio waves may interfere with electronic medical equipment.

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



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

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.

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 contacts, etc.
- Handset transmissions/TV reception may be disrupted inside buildings, tunnels or underground, or when moving into/out of such places; may affect calls or TV images.
- Use handset without disturbing others.
 Handsets are radios as stipulated by the Radio
- Handsets are radios as stipulated by the Radio Law. Under the Radio Law, handsets must be submitted for inspection upon request.
- Handset use near landlines, TVs or radios may cause interference.
- For proper usage of Memory Card, read the manual beforehand.
- Beware of eavesdropping.

Because this service is completely digital, the possibility of signal interception is greatly reduced. However, some transmissions may be overheard.

- Eavesdropping
- Deliberate/accidental interception of communications constitutes eavesdropping.
- Beware of harmful/malicious websites. Take added care when posting personal information, etc.

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

Handset & Hardware Care

- If handset is left with no Battery inserted or an exhausted one, data may be altered/lost.
 SoftBank Mobile 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 temperature or direct sunlight.
- Handset/Battery may become warm during operation or while charging. This is normal.
- Warranty does not cover malfunctions resulting from misuse.
- Exposing Lens to direct sunlight may damage Color Filter and affect image color.
- Battery may not charge properly if Port/ terminals are obstructed by dust, etc. Clean with a dry cloth, cotton swab, etc.
- When cleaning charging terminals of Desktop Holder, take care not to damage them or touch them with your fingers.
- Clean handset with a soft dry cloth. Alcohol/ solvent use may fade color/print.

- Avoid scratching Display.
- Avoid heavy objects or excessive pressure. May cause malfunction or injury.
- Do not sit on handset in back pants pocket.
- Do not place heavy objects on handset inside handbags, packs, etc.
- Connect only specified products to External Device Port. Other devices may malfunction or cause damage.
- Always power off before removing Battery. If Battery is removed while saving data or sending mail, data may be lost, changed or destroyed.
- Do not power off while using Memory Card; may result in data loss or malfunction.
- When walking outside, moderate handset Volume to avoid accidents.
- Avoid covering Speaker while using handset.

Bluetooth® Function

SoftBank Mobile 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 Customer Support, General Information: From a SoftBank handset, call toll free at 157. To call toll free from a landline/IP phone, see P.9-1 "Customer Service."

Frequency Band

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



Function Usage Requirement

USIM Card must be inserted to use handset.

Camera

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

In-Call/Transmission Cautions

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

Portrait Rights

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

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

Electromagnetic Safety

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

CE Declaration of Conformity

C € 0168

Hereby, Sharp Telecommunications of Europe Ltd, declares that 109SH is in compliance with the sesential requirements and other relevant provisions of Directive 1999/5F.C. A copy of the original declaration of conformity for each model can be found at the following Internet address: http://www.sharo.co.ju/k-ai/

Battery Cautions

Use specified Battery or Charger only.

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

leakage, overheating or bursting.

Do not dispose of an exhausted Battery with ordinary refuse; always tape over Battery terminals before disposal. Take Battery to a

ordinary refuse; always tape over Battery terminals before disposal. Take Battery to a SoftBank Shop, or follow the local disposal regulations.

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



European RF Exposure Information

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

The guidelines use a unit of measurement known as the Specific Absorption Rate, or SAR. The SAR limit for mobile devices is 2 W/kg and the highest SAR value for this device when tested at the ear was 0.409 W/kg'. As mobile devices offer a range of functions, they can be used in other positions, such as on the body as described in this user guide". In this case, the highest tested SAR value is 0.537 W/kg. As SAR is measured utilizing the device's highest transmitting power the actual SAR of this device while operating is typically below that indicated above. This is due to automatic changes to the power level of the device to ensure it only uses the minimum level required to reach the Network.

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

Headphone Signal Level

The maximum output voltage for the music player function, measured in accordance with EN 50332-2, is 25.0 mV.

FCC Notice

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

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

^{**}Please see "Electromagnetic Safety" on the left for important notes regarding body-worn operation.



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.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- 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. The tests are performed in positions and locations (e.g. at the ear and worn on the body) as required by the FCC for each model.

The highest SAR value for this model handset as reported to the FCC when tested for use at the ear is 0.403 W/kg, and when worn on the body in a holder or carry case, is 0.425 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/ea under the Display Grant section after searching the corresponding FCC ID (APYHRO00177). Additional information on Specific Absorption Rates (SAR) can be found on the Cellular Telecommunications & Internet Association (CTIA) Website at http://www.ctia.org.

Specific Absorption Rate (SAR)

SoftBank 109SH 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/kg². 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 SoftBank 109SH is 0.557 W/kg. SAR tests were conducted with this 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 handsets while operating can be well below the highest value. This is because handsets are 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 (MIC) http://www.tele.soumu.go.jp/e/sys/ele/body/index.htm Association of Radio Industries and Businesses (ARIB) http://www.arib-emf.org/ (Japanese)

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

Water & Dust Resistance

Water & Dust Resistance

Handset 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.

¹IPX5 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.

²IPX7 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.

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

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

Important Notes

- Close Battery Cover and Port Cover firmly. Debris (hair, sand, fibers, etc.) trapped between gasket 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 a 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 key operation).
- Handset is not resistant to water pressure.
 Avoid high-pressure water/shower (over 6 liters/min.) or water immersion.
- Do not expose handset to 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 temperature (near stoves, inside refrigerators, etc.).
- Volume may be low when Mic, Earpiece or Speaker is wet; dry handset before use.
- Battery, Desktop Holder and optional accessories are not water or dust proof.
- Do not subject handset to strong impact; do not poke Mic, 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 hinge may cause excessive friction or noise when opening/ closing handset.
- Touchscreen may not respond properly if wet or touched with wet fingers.
- Do not move handset directly from a cold place to a warm humid place; condensation may occur. Should this happen, dry handset naturally at room temperature.
- Handset does not float on water.
- Keep handset out of heavy rain.
- Do not let liquid-exposed handset remain wet; exposure to cold may freeze liquid causing malfunction.
- Damaged Battery/Port Cover affects water/ dust resistance; contact a SoftBank Shop.

Charging Precautions

- Battery, Desktop Holder and optional accessories are not water or dust proof.
 Avoid moisture (precipitation, bath/shower, 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 from External Device Port. Use Desktop Holder to prevent ingress of water and dust from External Device Port.
- Do not touch Desktop Holder or Charger with wet hands. Electric shock may occur.
- Do not use Desktop Holder or Charger in rooms in which water is regularly in use (kitchens, bath/shower rooms, etc.); may cause fire or electric shock.

Care & Maintenance

- Proper care of Port Cover gasket and Battery Cover gasket (for battery housing area) is crucial for continued handset water/dust resistance. Observe the following:
 - Do not remove or damage gaskets. Keep them clean.
- Do not insert sharp objects through Port/ Battery Cover gaps; may damage gasket and affect water/dust resistance.
- If Port Cover gasket or Battery Cover gasket (for battery housing area) is damaged or deformed, contact a SoftBank Shop for gasket replacement.
- To maintain water/dust resistance, 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 Customer Support, General Information (see P.9-1 "Customer Service").

Cleaning Handset

Washing Handset

Wipe off dirt, sand, beverage, etc., gently with a cloth. Then with Battery Cover closed, hold handset approximately 10 cm below faucet or shower head and wash with low-pressure tap water (6 liters/min. or lower) at normal temperature (5°C - 35°C). Wash with your hands, taking care not to open Battery Cover and Port Cover; do not use a brush or sponge. Dry handset before use.

- Before washing handset, make sure that Battery Cover and Port Cover are closed firmly.
- Do not use a washing machine or ultrasonic cleaner.
- Do not place handset in a microwave oven to dry it. Battery/handset may leak, burst, overheat or ignite; may cause malfunction, accident or injury.
- Do not dry handset using extreme heat (hot air from dryers, etc.); may cause warping, discoloration or damage.

Drying Handset

Dry these parts when exposed to water:

Hinge	Earpiece
Mic	Speaker

- Wipe handset surface with dry cloth
- Holding hinge firmly by its sides, shake handset about 20 times



Pat against dry cloth to remove moisture from grooves



Leave handset on dry cloth for approximately 2 - 3 hours at room temperature

Do Not Use Wet Handset

- Voice quality may be affected, or moisture may transfer to clothes, bag, etc.
- Moisture may short circuit External Device Port.
- Exposure to cold may freeze moisture; may cause malfunction.