

107SH B User Guide

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Introduction

Thank you for purchasing SoftBank 107SH B.

Before You Begin

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.
- \cdot SoftBank 107SH B is compatible with 3G network technology.

Guide Usage Notes

- · Most operation descriptions are based on default settings.
- · Unless noted otherwise, descriptions are for 3-Line Home application sheet.
- \cdot Some operation descriptions may be omitted.
- · In this guide and on handset, "abroad" means "outside Japan" with regard to handset/service usage.
- \cdot In this guide, microSD/microSDHC Card is referred to as "SD Card."

Screenshots & Key Labels

Actual handset windows, menus, etc. may differ in appearance. Key labels are simplified for reference convenience.

Accessing Guide on Handset

Access this Guide on handset from Guide indicator on Status Bar. Guide indicator appears on Status Bar by default. To hide Guide indicator:















 \cdot Guide usage information and confirmation for automatic updates appear at initial startup. Follow onscreen instructions.

Getting Started

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Package Contents

Package Contents

- · Handset (SoftBank 107SH B)
- · Battery (SHBEM1)
- $\cdot \ \text{AC Charger (SHCEJ1)}$
- · Micro USB Cable (SHDDL1)
- ・クイックスタート (Japanese)
- ・お願いとご注意 (Japanese) with English "Quick Tips"
- \cdot Warranties (Japanese) for handset and AC Charger
- microSD Card (complimentary sample)

Parts & Functions

Handset Parts



Name	Description
1 Notification Lamp	Illuminates while charging or for notifications (missed calls, new messages, etc.).
2 Earpiece	Hear other party's voice through this.
3 Strap Eyelet	Attach Straps here.
4 Internal Camera	Shoot photos or videos.
5 Proximity/ Light Sensor	Detects ambient light level, etc.
6 Display	Touch Display to select menu items, open functions, scroll pages, etc.
7 Mic	Talk to other party through this.



Name	Description
1 Infrared Port	Transfer files using Infrared.
2 Speaker	Listen to music, video/One Seg audio, etc. through this.
3 External Device Port	Connect AC Charger or Micro USB Cable here.
4 Headphone Port	Connect specified Headphones with Mic here.
5 External Camera	Shoot photos or videos.
6 FeliCa Logo	Place over reader/writer to use Osaifu- Keitai®.
7 Battery Cover	Open for inserting/removing Battery and USIM Card.

Handset Keys



(Quick Start

Key)

Name	Description
(Volume Up Key)	Increase Volume.
② ▼ (🔮 : Volume Down Key)	Decrease Volume. Long Press to activate/cancel Manner mode.
3 也 (Power Key)	Activate/cancel Screen lock. Long Press for power on/off or phone options.
4	Activate radiation measuring application

Activate radiation measuring application.

(Change assigned application as needed.)

USIM Card Installation

USIM Card is an IC card containing customer and authentication information, including handset number.

Inserting USIM Card

To insert USIM Card, remove SD Card first. (USIM Card Slot is directly below SD Card Slot.) Before removing SD Card, always unmount it and power off.

· For procedure to unmount SD Card, see "Unmounting SD Card."



Remove Battery Cover



 \cdot Use notch (O) to lift Battery Cover. Push up Battery Cover along edges to remove it.



Remove Battery



- · Take hold of Battery tab (printed PULL) and gently lift Battery as shown.
- \cdot Fold back Battery tab to black area; may get caught between base and Battery Cover upon replacing Battery
- · If Battery tab rips off and Battery cannot be removed, contact a SoftBank Shop.



Remove SD Card



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



Pull out USIM Tray



- \cdot Use tab to gently pull USIM Tray straight out until it is about halfway exposed as shown above.
- · USIM Tray is not removable; applying excessive force or pulling at an angle may damage USIM Tray.



Place USIM Card (IC chip facing down) in USIM Tray



· Slide in USIM Tray.



Secure USIM Tray



* Before proceeding to 7, insert SD Card as needed.



Insert Battery



- · With Battery tab facing up, align Battery terminals with charging terminals.
- \cdot Take care not to get Battery tab caught between base and Battery Cover.



Replace Battery Cover



- Align Battery Cover with handset, then firmly press down along shaded areas.
- · Close Battery Cover firmly. Debris trapped between battery housing area and Battery Cover gasket may expose handset to liquid/dust.

Removing USIM Card

To remove USIM Card, remove SD Card first. (USIM Card Slot is directly below SD Card Slot.) Before removing SD Card, always unmount it and power off.

For procedure to unmount SD Card, see "Unmounting SD Card."



Remove Battery Cover



 \cdot Use notch (O) to lift Battery Cover. Push up Battery Cover along edges to remove it.



Remove Battery



- \cdot Take hold of Battery tab (printed PULL) and gently lift Battery as shown.
- Fold back Battery tab to black area; may get caught between base and Battery Cover upon replacing Battery Cover.
- If Battery tab rips off and Battery cannot be removed, contact a SoftBank Shop.



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Remove USIM Card



· Slide out USIM Card.



Secure USIM Tray



· Before proceeding to 7, insert SD Card as needed.



Insert Battery



- With Battery tab facing up, align Battery terminals with charging terminals.
- \cdot Take care not to get Battery tab caught between base and Battery Cover.



Replace Battery Cover



- \cdot Align Battery Cover with handset, then firmly press down along shaded areas.
- \cdot Close Battery Cover firmly. Debris trapped between battery housing area and Battery Cover gasket may expose handset to liquid/dust.

SD Card

Handset supports SD Card up to 32 GB. Some SD Cards may not operate properly.

Unmounting SD Card

Always unmount SD Card before removing it. (Complimentary SD Card preinstalled.)



In application sheet, 📉 (Settings)



2

microSD & phone storage



3

Unmount microSD → OK



Unmount microSD changes to Mount microSD . (SD Card is unmounted.)

Removing SD Card

Always unmount SD Card and power off first.



Remove Battery Cover



 \cdot Use notch (\bigcirc) to lift Battery Cover. Push up Battery Cover along edges to remove it.



Remove Battery



- · Take hold of Battery tab (printed PULL) and gently lift Battery as shown.
- Fold back Battery tab to black area; may get caught between base and Battery Cover upon replacing Battery Cover.
- · If Battery tab rips off and Battery cannot be removed, contact a SoftBank Shop.



Remove SD Card



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



Insert Battery



- · With Battery tab facing up, align Battery terminals with charging terminals.
- \cdot Take care not to get Battery tab caught between base and Battery Cover.



Replace Battery Cover



- \cdot Align Battery Cover with handset, then firmly press down along shaded areas.
- Close Battery Cover firmly. Debris trapped between battery housing area and Battery Cover gasket may expose handset to liquid/dust.

Inserting SD Card

Always power off first.



Remove Battery Cover



 \cdot Use notch (O) to lift Battery Cover. Push up Battery Cover along edges to remove it.



Remove Battery



- \cdot Take hold of Battery tab (printed PULL) and gently lift Battery as shown.
- Fold back Battery tab to black area; may get caught between base and Battery Cover upon replacing Battery Cover.
- If Battery tab rips off and Battery cannot be removed, contact a SoftBank Shop.



Insert SD Card



- \cdot Insert SD Card (terminals facing down) all the way.
- \cdot Do not insert other objects.



Insert Battery



- \cdot With Battery tab facing up, align Battery terminals with charging terminals.
- \cdot Take care not to get Battery tab caught between base and Battery Cover.



Replace Battery Cover



- \cdot Align Battery Cover with handset, then firmly press down along shaded areas.
- · Close Battery Cover firmly. Debris trapped between battery housing area and Battery Cover gasket may expose handset to liquid/dust.

Formatting SD Card

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

- \cdot Formatting deletes all SD Card files.
- · Charge Battery or install a charged Battery beforehand.



In application sheet, 📉 (Settings)



2

microSD & phone storage



3

Erase microSD



4

Erase SD card



5

Enter Operation Password 🔵 OK



 \cdot If Operation Password is unset, follow onscreen instructions.



Erase everything



- Handset erases all SD Card files.
- · When finished, SD Card is mounted.

Complimentary Sample SD Card

Complimentary SD Card is preinstalled.

 \cdot Warranty does not cover complimentary sample SD Card.

🔢 Important SD Card Usage Note

SD Card files may be lost/altered accidentally. Keep a copy of contacts, etc. in a separate place. SoftBank Mobile is not liable for any damages resulting from accidental loss/alteration of information.

 \cdot Never power off or remove Battery while files are being accessed.

General Use

Keep SD Card out of infants' reach; may cause choking if swallowed.

Battery Installation

Inserting Battery



Remove Battery Cover



 \cdot Use notch (\bigcirc) to lift Battery Cover. Push up Battery Cover along edges to remove it.



Insert Battery



- \cdot With Battery tab facing up, align Battery terminals with charging terminals.
- · Take care not to get Battery tab caught between base and Battery Cover.



Replace Battery Cover



- \cdot Align Battery Cover with handset, then firmly press down along shaded areas.
- · Close Battery Cover firmly. Debris trapped between battery housing area and Battery Cover gasket may expose handset to liquid/dust.

Removing Battery

Always power off before removing Battery.



Remove Battery Cover



 \cdot Use notch (O) to lift Battery Cover. Push up Battery Cover along edges to remove it.



Remove Battery



- \cdot Take hold of Battery tab (printed PULL) and gently lift Battery as shown.
- Fold back Battery tab to black area; may get caught between base and Battery Cover upon replacing Battery Cover.
- If Battery tab rips off and Battery cannot be removed, contact a SoftBank Shop.



Replace Battery Cover



- · Align Battery Cover with handset, then firmly press down along shaded areas.
- · Close Battery Cover firmly. Debris trapped between battery housing area and Battery Cover gasket may expose handset to liquid/dust.

Lithium-ion Battery

This product requires a lithium-ion battery. Lithium-ion batteries are recyclable. To recycle a used lithium-ion battery, take it to any shop displaying the symbol below.

• To avoid fire or electric shock, do not short-circuit or disassemble Battery.



Battery Usage Notes

General

Charge Battery at least once every six months; uncharged Battery may die or affect files/settings.

Bulges

Depending on usage, bulges may appear near end of battery life; this does not affect safety.

Replacement

Replace Battery if operating time shortens noticeably.

Cleaning

Clean Battery terminals and charging terminals with dry cotton swabs.

Battery Cover

To maintain water/dust resistance, close Battery Cover properly. Do not apply excessive force to Battery Cover; damage may result.

· 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.)

Handling Battery Tab (Printed PULL)

Do not apply excessive force; if Battery tab rips off and Battery cannot be removed, contact a SoftBank Shop.

Charging Battery

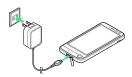
Battery must be inserted in handset to charge it.

AC Charger, Micro USB Charging Adapter (optional accessory) and In-Car Charger (optional accessory) are not water or dust proof. Do not charge Battery while handset is wet.

AC Charger

Use AC Charger (SHCEJ1).

 AC Charger is not water or dust proof. Do not charge Battery while handset is wet.





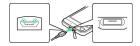
Open Port Cover



 \cdot Pull at notch (\bigcirc) to open Port Cover.



Insert Micro USB plug of AC Charger to External Device Port



Do not insert Micro USB plug in the wrong orientation;
 External Device Port may be damaged. Confirm type and orientation of Micro USB plug, then insert it with tabs (O) facing up.



Rotate AC Charger hinge with thumb on dent as shown to extend blades, then plug AC Charger into AC outlet



Notification Lamp illuminates while charging, and goes out when Battery is full.



Unplug AC Charger and retract blades



Remove Micro USB plug from External Device Port



Close Port Cover

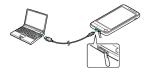


· Close Port Cover firmly. Debris trapped between gasket and base may expose handset to liquid/dust.

USB Charging

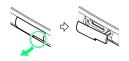
Connect handset to a PC with Micro USB Cable (SHDDL1).

- · Power on handset and PC first.
- \cdot To use Fast transfer mode, install USB Cable driver on the PC beforehand.
- Battery may not charge or charge slowly depending on PC status/environment.





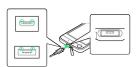
Open Port Cover



 \cdot Pull at notch () to open Port Cover.



Insert Micro USB plug of Micro USB Cable to External Device Port



- Do not insert Micro USB plug in the wrong orientation; External Device Port may be damaged. Confirm type and orientation of Micro USB plug, then insert it with tabs (O) facing up.
- \cdot There are two types of plug for supported Micro USB Cable. (Connector type varies by product.)



Insert Micro USB Cable into PC USB port



- Notification Lamp illuminates while charging, and goes out when Battery is full.
- \cdot Remove Micro USB Cable from handset and PC, then close Port Cover.

Charging Precautions

Handling Cords

Do not pull, bend, or twist cord.

Handling External Device Port Cover

Remember these points when opening/closing Port Cover:

- · Pull at notch to open Port Cover; pulling at the other edge may damage Port Cover and hinge.
- · Close Port Cover firmly. Debris trapped between gasket and base may expose handset to liquid/dust.
- \cdot Do not try to close Port Cover with hinge extended; may deform Port Cover and affect water/dust resistance.

Important USB Charging Note

Handset may power on automatically when connected to a PC with Micro USB Cable; avoid connection aboard aircraft or in hospitals, etc. where handset use is prohibited.

Power On/Off

Power On

1

Long Press 🛈 until SoftBank logo appears



After Power On Graphics, Welcome sheet (lock screen) appears.

・When powering on for the first time, Welcome sheet (lock screen) usage guide appears. Tap 利用する .

2

Drag 🔓 to the bottom of Display



Water/dust proofing information appears.

3

OK



Initial setup menu opens.

 \cdot When powering on for the first time, 3-Line Home usage guide appears before initial setup menu opens. Follow these steps:



Power Off

1

(Long Press)



2

Power off



3

OK



🏁 Handset shuts down.

Touchscreen Operations

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

Tap

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



Touch & Hold

Touch item for 1+ seconds (handset vibrates) to move icon, open menu, etc.



Drag

Drag item to move it.



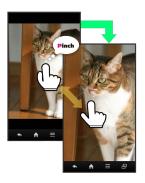
Flick

Flick to toggle sheets, pages, etc.



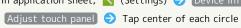
Pinch/Spread

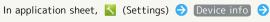
Pinch or Spread to zoom in or out on images, etc.



Calibrating Touchscreen

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









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Basic Operations

Welcome Sheet (Lock Screen)

After a period of inactivity, Display goes completely dark to extend battery time (Screen lock active).

To cancel Screen lock, Press $\textcircled{\textbf{0}}$ to open Welcome sheet (lock screen) first.

· Welcome sheet (lock screen) also appears at power on.



To cancel Screen lock and use handset, Drag down. See
 "Welcome Sheet (Lock Screen) Basics" for details.



Home (3-Line Home)

3-Line Home consists of application sheet, widget sheet and shortcut sheet. Most operations start here.

• Flick left/right to toggle Home sheets. See "3-Line Home Basics" for details.



• Tap 🛖 at Display bottom to return to 3-Line Home.

Handset Navigation

Tap item, icon, key, etc. to open menu/window or execute corresponding function/operation.

· Tap 🔦 to go back/escape.



Navigation Bar

Tap icons on Navigation Bar (Display bottom) for some basic functions/operations.



· Navigation Bar icons:

lcon	Description	
C	Activate Phone.	
	Activate Mail.	
(Activate Browser.	
8	Open application use history.	
~	Go back/escape.	
^	Return to 3-Line Home.	
	Open Options menu.	

Action Bar

Current menu/window title appears on Action Bar (Display top). Tap icons to the right of title to access frequently used functions.

When switch (ON , OFF , etc.) appears on Action Bar,
 Tap it to turn corresponding setting on or off.



 When (check all) (uncheck all) appears on Action Bar in item list, etc., Tap it to select or cancel multiple items together at once.



Menu Operations

Tap
at Display bottom to open Options menu.



· In some windows, Drag down or Touch & Hold for menu.



Handset Settings

In application sheet, Tap 📉 (Settings) to customize settings.



· Checkbox (or or or) appears beside some options. Tap to select (or) or cancel (or) option.



 Drag/Flick slider, spinner, etc. to adjust some settings. If available, Tap for additional settings.



Handset & Display Orientation

Rotate handset 90 degrees; Display orientation changes accordingly.

· Landscape orientation may be unavailable in some windows.



Capturing Screenshots

Long Press 1 and 1 (2) simultaneously to capture

• Open captured screenshots from Photo in 🛂 (Contents Manager), etc.

Applications

Activating Applications

1

In application sheet, Tap application



Application activates.

· If confirmation (authentication prompt, selection, caution, etc.) appears, follow onscreen instructions.

Closing Applications

In any application, Tap <a repeatedly until 3-Line Home returns. (Some applications may remain active.)

Using Application Use History

1

In application sheet,



🔯 A list of recently used applications appears.

2

Tap application



Application activates.

Obtaining Applications

Obtain applications from (Play Store).

Deleting Application Use History

All Items

In application use history, × Clear All

Single Item

In application use history, Flick item left/right

Handset Phone Number

My Phone Number

1

In application sheet, 📉 (Settings) 🗦 Profile



Profile opens.

· Handset number appears in Own phone number field.

Saving User Information to Profile

In application sheet, 📉 (Settings) 🗦 Profile



Profile opens.



(edit) on Action Bar



Profile entry window opens.



Tap item (entry field)

· Tap 🛟 to show/add entry field or 🛭 to delete.



Complete field

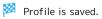


 \cdot Tap other items and complete fields as needed.









Mobile Manners

Manner Mode

Mute ringtones and other handset sounds to avoid disturbing others around you.

 \cdot Shutter click, video recording tones, etc. still sound even in Manner mode.









🏁 Manner mode activates.

· To cancel, Long Press ▼ (🔮).

Airplane Mode

Suspend signal transmitting functions.

1

じ (Long Press)



Phone options appear.

Airplane mode



Airplane mode activates.

· To cancel, Long Press 😈 , then Tap Airplane mode .

Selecting Manner Mode Option

Airplane Mode Precautions

Activating Airplane mode disables Wi-Fi and Bluetooth®, interrupting corresponding transmissions. Wi-Fi/Bluetooth® connections can be used even in Airplane mode by enabling Wi-Fi/Bluetooth® after activating Airplane mode; make sure that such connection/ transmission is allowed in your current location before use.

Text Entry

Keyboards

Use onscreen keyboards for text entry. In 12-Key Keyboard, multiple characters are assigned to each key. In QWERTY Keyboard, single characters are assigned to each key.

- \cdot Tap a text entry field for keyboards.
- \cdot In any keyboard, Flick keyboard left/right to switch between 12-Key Keyboard and QWERTY Keyboard.
- · Default input method: iWnn IME SH edition.
- · Upon opening text entry windows, the following window appears by default. To disable it thereafter, Tap Don't





12-Key Keyboard Layout



- 1 Enter characters.
- 2 Reverse-toggle character options; undo conversion.
- 3 Backspace cursor.
- 4 Enter pictograms, symbols, or emoticons; switch conversion options.
- Toggle entry modes.
- 6 Enter space; toggle case; add " or ".
- 7 Current entry mode
- 8 Delete characters.
- 9 Advance cursor; add space at text end.
- 10 Open text entry options; convert hiragana.
- 11 Insert line break; confirm current characters.

QWERTY Keyboard Layout



- 1 Enter characters.
- 2 Toggle case.
- 3 Toggle entry modes.
- 4 Enter pictograms, symbols, or emoticons.
- 5 Open text entry options.
- 6 Enter space; convert hiragana.
- 7 Current entry mode
- 8 Delete characters.
- 9 Insert line break; confirm current characters.
- 10 Advance cursor; add space at text end.
- 11 Backspace cursor.

Switching Entry Modes

Tap to toggle Half Alphabet, Half Numeric, and Kanji modes. To use other entry modes:

· Alternatively, Flick 🔤 left/right to toggle entry modes.



In a text entry window, 🕓 🗦 Change input mode



2

Tap mode



Keyboard interface changes accordingly. Current entry mode indicator-- **あ** (Kanji), 力 (Full Katakana), 個 (Half Alphabet), etc.--appears.

Alphabet

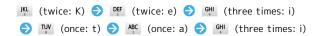
In 12-Key Keyboard, to enter Keitai in Half Alphabet:



In a text entry window, [as appears)



2





 \cdot The first character is capitalized automatically by default. (Cancel auto capitalization as needed.)





Keitai is entered.

• To toggle case, enter a letter and Tap ♣⇔a .

Flick Input

In 12-Key Keyboard, Flick key for target character.

 \cdot Touch & Hold a key for guide; Flick toward target character to enter.



Target Character	Operation
Р	Tap PORS once.
Q	Touch PORS and Flick left.
R	Touch ^{PORS} and Flick up.
S	Touch ^{pogs} and Flick right.
7	Touch PORS and Flick down.

• To disable/enable key preview and Flick input guide, in iWnn IME - SH edition (Language & Input Settings), Tap Display/Layout settings (Settings) (Display/Layout settings)

Google™ Accounts

Sign in to a Google Account to use Google services. (Some applications may be limited or disabled without a Google Account.)

Creating a Google Account

1

In application sheet, <a> ★ (Settings) <a> ◆ Accounts & sync



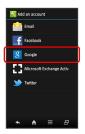
2

ADD ACCOUNT)



3

[Google]



Add a Google Account appears.

4

New





Enter first name
Tap Last field Enter last name

Next



6

Enter mail address \Rightarrow Next



 \cdot If confirmation appears, follow onscreen instructions.



Enter password Tap Re-type password field Re-enter password Next



8

Tap Recovery email address field

Enter mail address



Tap Choose a security question field
Tap question

Tap Answer field → Enter answer → Next



10

Not now → [I accept]



11

Enter shown characters (distorted) Next



 \cdot If shown characters are unreadable, enter a character then Tap \mbox{Next} ; other distorted characters appear.

12





🔯 A Google Account is added.

Signing in to a Google Account

If an application requires a Google Account, Add a Google Account appears. Sign in to use the application.

1

In Add a Google Account, Existing





2

Enter mail address
Tap Password field
Enter password
Sign in



Follow onscreen instructions

You are signed in to your Google Account.

Google Account Caution

Do not forget your Google Account ID and password.

Google Play™

Download applications in Google Play. Sign in to your Google Account beforehand.

Installing Free Applications

In application sheet, 📦 (Play Store)



- Google Play opens.
- · If confirmation appears, follow onscreen instructions.

2





Application downloads and installs.

Purchasing Applications

In application sheet, (Play Store)



- 🔯 Google Play opens.
- · If confirmation appears, follow onscreen instructions.

Tap paid application 🔵 Tap price 🤝 Follow onscreen instructions

Application downloads and installs.

Updating Installed Applications



In application sheet, (Play Store)



- Google Play opens.
- · If confirmation appears, follow onscreen instructions.

2



- Application downloads and installs.
- · If confirmation appears, follow onscreen instructions.

Purchased Applications

Payment

Pay once. Re-downloads of uninstalled applications are free of charge.

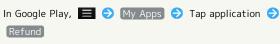
Use on Other Android Devices

Install same application on other Android devices under same Google Account at no added cost.

Additional Operations

Refund Requests

Request refunds within designated period. Returned applications are deleted from handset; no payment is required. (One refund request per application.)



Enabling Automatic Updates



· Automatic update is not available for some applications.

Google Play Cautions

Application Installation Disclaimer

Download and install applications on this handset via Google Play (Developed by Google Inc.) at your own risk. SoftBank Mobile is not responsible for user installed application content (quality, reliability, legality, appropriateness, accuracy, etc.) or malfunctions installed applications may cause (due to viruses, etc.).

Application Purchase Disclaimer

Purchase applications via Google Play at your own risk. SoftBank Mobile is not responsible for transactions between users and third party publishers.

Google Play Automatic Updates

Operations are subject to change due to automatic application updates.

Security Codes

Code Types

Center Access Code (Network Password; 4-digit code in contract) is required to use Optional Services from landlines or subscribe to fee-based information.

- Do not forget Operation Password and Center Access Code (Network Password). If these codes are forgotten, contact us for recovery. For details, contact SoftBank Customer Support, General Information.
- Do not reveal Operation Password or Center Access Code (Network Password). SoftBank Mobile is not liable for misuse or damages.
- 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. For details, contact SoftBank Customer Support, General Information.
- \cdot If Network Password has been previously changed on a mobile phone, enter the latest code to set Call Barring.

Saving Operation Password

Do not forget Operation Password; write it down if necessary.

1

In application sheet, 🚫 (Settings) 🗦 Other settings



2

[Lock & Security]



3

Operation password setting → OK → Enter Operation

Password → OK



4

Re-enter Operation Password
OK
OK
OK



Operation Password is saved.

USIM PIN

9999 by default; enable USIM card lock to restrict handset use.

Enabling USIM Card Lock

1

In application sheet, 📉 (Settings) 🗦 Other settings



2

Lock & Security



3





USIM card lock is enabled.

Changing USIM PIN

Enable USIM card lock first.

1

In application sheet, <a> (Settings) <a> Other settings



2

[Lock & Security]



3



PIN is changed.

Important

Entering incorrect PIN three consecutive times activates PIN Lock. To cancel, Personal Unblocking Key (PUK) is required; contact SoftBank Customer Support, General Information. Entering incorrect PUK ten consecutive times activates PUK Lock, disabling handset. For recovery, USIM Card must be reissued at a SoftBank Shop (fees apply).

Screen Lock

After a period of inactivity, Display goes completely dark to extend battery time (Screen lock active). Screen lock prevents accidental Touchscreen operation.

Activating Screen Lock Manually



When Display is active, **じ**



Display goes completely dark and Screen lock activates.

Canceling Screen Lock

Press 😈 to open Welcome sheet (lock screen), then cancel Screen lock.

· See "Welcome Sheet (Lock Screen) Basics" for details.

Measuring Radiation

Radiation sensor provides simple way to measure amount of radiation (gamma rays) around handset.

Measurement Options

Use the following options to measure/monitor radiation or manage measurement results.

- During measurement, keep handset parallel to and approximately 1 m away from the ground.
- · Measurement may be disabled when other applications are in

Option	Description
Always measurement	Measure approximate amount of radiation in real time (measurement is updated every 10 seconds).
High precision measurement	Measure amount of radiation in current location simply.
Timer measurement	Start High precision measurement at specified time and save result upon completion.
Alert settings	Handset responds with alert tone or Vibration upon detecting specified amount of radiation.
Measurement history	Check/manage results of High precision measurement.
Accumulative prediction	Check/manage cumulative values predicted from results of Always measurement.

Always Measurement

Handset measures radiation in real time by default (Always measurement is enabled).

To check approximate amount of radiation around handset, Flick time area left in Welcome sheet (lock screen).

- Always measurement can be toggled on/off in Notifications Window.
- Not available when Energy saving settings mode is set to Emerg.



High Precision Measurement



In application sheet, etc.,



- Radiation measurement window opens.
- · Alternatively, Tap (Radiation measurement) in application sheet.
- · If confirmation appears, follow onscreen instructions.



(High measurement)



- Start measurement window opens.
- \cdot If confirmation appears, follow onscreen instructions.



Start measurement



- Measurement starts.
- Longer measuring time results in higher measurement accuracy.
- First result appears approximately 2 minutes after starting measurement (tones sound).
- · Measurement result window opens when five ☆s appear after more than 10 minutes of measurement. (Measurement result is saved automatically.)

- 4
- (done) on Action Bar



- Measurement result window opens. (Measurement result is saved.)
- · Tap Raise precision to continue measurement; Tap

 Result to complete it.

5

- (done) on Action Bar
- Radiation measurement window returns.

Measurement Result Window Layout

To save a memo and image, Tap \blacksquare \Leftrightarrow Edit in measurement result window.



- 1 Measured amount of radiation
- 2 Measurement accuracy (more ☆s indicate higher accuracy)
- 3 Measurement date
- 4 Measurement position
- **5** Level (longer color bar indicates greater amount of radiation)
- 6 Address (based on GPS, encrypted)
- 7 Measurement location

Radiation Measurement Precautions

Purpose of Use

This function is designed as a simple way to measure amount of radiation (gamma rays) around handset. Do not use it for other purposes.

Measurement Results

Radiation levels constantly change; results are not guaranteed to be accurate and therefore not suitable for professional use.

 If result seems to be high, instead use a dedicated measuring device.

Location of Use

Avoid use near a microwave oven, fluorescent light or ion generator; they may interfere with accurate measurement.

 Do not place handset directly on the ground for measurement; debris may adhere to handset, affecting measurement.

During Measurement

Do not subject to strong vibration or impact; may affect measurement. Sudden handset movement or change in radiation level may also interrupt measurement; try measuring again.

 Measurement may be disabled depending on handset status (other applications are in use, etc.).

Measurement Limitation

Radioactive materials contained in food and water cannot be measured.

Disclaimer

SHARP Corporation and SOFTBANK MOBILE Corp. cannot be held liable for any damages resulting from malfunction of preinstalled radiation measuring function, from measured values or from the use of the function.

Details

For disclaimer and details, see SHARP SH DASH support page (http://k-tai.sharp.co.jp/support/) (Japanese).

File Backup

File Backup (Handset to SD Card)

Back up handset files (Address Book contacts, sent/received messages, bookmarks, etc.) to SD Card.

1

In application sheet, 🔧 (Settings) 🤿 microSD & phone



2

microSD backup



3

Backup



4



- Backup is complete.
- · If confirmation appears, follow onscreen instructions.
- To select () or cancel () multiple items together at once in Backup item list, Tap (check all) or (uncheck all) on Action Bar.

Battery & Memory

Battery Strength

Backup stops if Battery runs low. Confirm Battery charge beforehand.

Memory Status

microSD backup requires 11 MB of free space in handset system memory.

Software Updates

Software Updates

At specified time, handset automatically checks for/downloads firmware updates as required. To update firmware manually:



In application sheet, <a> (Settings) <a> Device info









Software update



Software update \Rightarrow Execute \Rightarrow Follow onscreen







instructions



Software update starts.

Before Updating Software

Back up important information before updating software. SoftBank Mobile is not liable for loss or associated damages.

Precautions

During Update

Handset is disabled until update is complete. Update may take some time.

Signal Conditions

Confirm signal strength and Battery charge beforehand. Update failure may disable handset.

Handset Interface

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Welcome Sheet (Lock Screen) Basics

Welcome sheet (lock screen) appears at power on or when 0 is Pressed while Display is completely dark (Screen lock active).

Cancel Screen lock, activate application (Camera, Mail or Phone), and more in Welcome sheet (lock screen).

Layout



- 1 Handset status/notifications appear here.
- 2 Wallpaper
- 3 Drag down to cancel Screen lock; Drag up then Tap icon to activate application.
- 4 Notifications of missed calls and new messages appear here.
- **5** Date, time, etc. (Flick left/right for weather and other information.)

Canceling Screen Lock

1

In Welcome sheet (lock screen), Drag 🔓 down



Screen lock is canceled.

• When Screen lock option other than Slide or None is selected, follow onscreen instructions to cancel Screen lock.

Activating Applications

Activate Camera, Phone or Mail from Welcome sheet (lock screen).



In Welcome sheet (lock screen), Drag 🔓 up



Application icons appear.



Tap icon



Application activates.

Missed Call & New Message Notifications

Notification (missed call or new mail, with count) appears in Welcome sheet (lock screen).

Drag notification down to open it.



3-Line Home Basics

3-Line Home consists of application sheet, widget sheet and shortcut sheet. Most operations start here.

Access applications and widgets, save frequently used applications to shortcut sheet, change handset settings, and more.

Toggling Sheets

Flick left/right to toggle these sheets.



Application Sheet Layout



- 1 Handset status/notifications appear here.
- 2 Toggle sheets.
- 3 Activate applications. (Flick up for hidden applications; Flick down for menu.)
- 4 Activate Phone.
- 5 Activate Mail.
- 6 Activate Browser.
- **7** Open application use history.

Widget Sheet Layout



- 1 Handset status/notifications appear here.
- 2 Toggle sheets.
- 3 Use widgets. (Flick up for hidden widgets; Flick down for menu.)
- 4 Activate Phone.
- 5 Activate Mail.
- 6 Activate Browser.
- 7 Open application use history.

Shortcut Sheet Layout



- 1 Handset status/notifications appear here.
- 2 Toggle sheets.
- 3 Activate applications. (Flick up for hidden shortcuts; Flick down for menu.)
- 4 Activate Phone.
- 5 Activate Mail.
- 6 Activate Browser.
- 7 Open application use history.

Status Bar

Indicators (new message notification, handset status, etc.) appear at the top of Display.



Layout



- 1 Notifications and warnings appear here. (Notification Indicators)
- 2 Handset status appears here. (Status Indicators)

Notification Indicators

Notification Indicators appear on the left.



Indicator	Description
	Missed Call
0	Answer Phone Message Recorded
	New SMS/S! Mail
~	New Email
M	New Gmail
CI,	Alarm Time Passed
\triangle	Data Usage Limit Reached

Status Indicators

Status Indicators appear on the right.

 $\boldsymbol{\cdot}$ Some indicators appear in different colors while signed in to a Google Account.



Indicator	Description
	Battery Strength
354	Signal Strength
2	No Signal
ર્જ	Airplane Mode
364	3G Data in Use
Ħ	Alarm Set
©	Standard Manner Mode
a	Drive Manner Mode
< ≈	Silent Manner Mode
*	Wi-Fi Connected
\$	Bluetooth® On
•}	Bluetooth® Connected
66	Answer Phone (🚾 : Message Recorded)

Notifications Window

Open notifications, confirm handset status or change various settings.

Opening Notifications Window



Drag Status Bar down



Notifications Window opens.

· Tap 🦱 to exit.

Layout



1 Settings Bar¹

2 Notifications and active functions

3 Handset status²

4 Close Notifications Window.

5 Delete all notifications.

- 1 Flick left/right for hidden items.
- 2 Tap for corresponding settings.

Settings Bar



1 Activate 📉 (Settings).

2 Toggle Always measurement (of Radiation measurement) on/off.

3 Open Manner mode options.

4 Toggle Wi-Fi on/off.

5 Toggle GPS positioning on/off.

6 Toggle Bluetooth® on/off.

7 Toggle account sync on/off.

8 Toggle VeilView on/off.

9 Toggle automatic Display rotation on/off.

10 Toggle Display brightness.

Deleting Notifications

In Notifications Window, Flick notification left/right

 \cdot Some notifications may not be deleted.

Customizing Welcome Sheet (Lock Screen)

Set Wallpaper for Welcome sheet (lock screen) or select Screen lock option.

Setting Wallpaper

Flick Wallpaper left/right to toggle preset images. To replace with other still images:

1





2

Welcome sheet (lock screen)

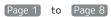


3





4





5



Wallpaper is set.

Selecting Screen Lock Option

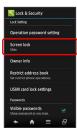
1

In application sheet, 🔧 (Settings) 🔿 Other settings



2





3

Tap Screen lock option



Corresponding setup window opens.

 \cdot Follow onscreen instructions. (Not required when None or Slide is selected.)

Customizing 3-Line Home

Move icons/widgets or add shortcuts/widgets to corresponding sheets.

Moving Icons/Widgets



In 3-Line Home, Touch & Hold icon/widget



🔀 📎 or 🗷 appears at upper right of icon/widget.

2

Drag to target location

Release to place icon/widget.

· To a folder: Drag to target folder.

Adding Shortcuts

To add a shortcut from application sheet to shortcut sheet:

1

In application sheet, Touch & Hold icon



appears at upper right of icon.

2

Tap 🕙 🗦 Add shortcut



Shortcut is added to shortcut sheet.

Adding Widgets

Add Album, Analog clock, etc.

1

In 3-Line Home, Drag down



Menu opens.

2

Add widget



3

Tap widget



Widget is added.

Removing Widgets/Shortcuts

In widget sheet or shortcut sheet, Touch & Hold widget or shortcut \begin{cal} Tap \begin{center}

Phone

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Calling

See below to dial directly or answer calls. (Handset does not support Video Call.)

Placing Calls

1

(Phone) on Navigation Bar



Call Window opens.

· When Incoming History or Outgoing History opens, Tap

Phone . When missed call window opens, Tap

to open a

Phone window.

2

Use onscreen dialpad to enter number



· Include area code for landline numbers.



Call



Handset dials the number.

· Wait for other party to accept the call.

4

To end the call, End call



Call ends.

· After calls to/from unsaved numbers, save to Address Book confirmation appears. Follow onscreen instructions.

Answering Calls

1

When a call arrives, Drag Answer down; when Screen lock is inactive, Tap it



Call connects.

2

To end the call, End call



Call ends.

 After calls to/from unsaved numbers, save to Address Book confirmation appears. Follow onscreen instructions.

Emergency Location Report

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

- \cdot Location Report does not incur registration/transmission fees.
- \cdot 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.

Missed Calls

For unanswered calls, (Notification Indicator for missed calls) appears on Status Bar. In Welcome sheet (lock screen), notification appears.



- 1 Notification Indicator
- 2 Notification
- \cdot Drag Status Bar down for Notifications Window, then Tap missed call notification to open Incoming History.
- \cdot Drag notification down to open Incoming History.

Emergency Call Restriction

Emergency calls are restricted when Airplane mode is active. Long Press 0 and cancel it.

Optional Services

Use these SoftBank Optional Services:

Optional Services

Service	Description
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 Waiting¹	Answer calls during a call.
Group Calling ¹	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.

1 Requires separate subscription

Call Forwarding

1

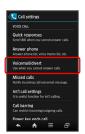
In application sheet, 🚫 (Settings) 🗦 Call



Call settings opens.

2

Voicemail/divert



Voicemail/divert menu opens.

3

Settings/stop



Divert menu opens.

4





- · For No answer , Tap Wait time and select ring time as
- To cancel Call Forwarding, Tap Stop call forward \Rightarrow Yes .

- 5
- OK
- Call Forwarding activates.

Voicemail

1

In application sheet, 🔀 (Settings) 🗦 📵



Call settings opens.

2

Voicemail/divert

Voicemail/divert menu opens.

3

[Settings/stop]

Divert menu opens.

4

Always or No answer > Voicemail



- · For No answer , Tap Wait time and select ring time as needed.
- · To cancel Voicemail, Tap Stop call forward \Rightarrow Yes .

5

OK

Voicemail activates.

· When a new message is recorded, appears. To play messages, Tap Play voicemail in Voicemail/divert menu, then follow voice guidance.

Call Waiting

Requires separate subscription.

1

In application sheet, <a> (Settings) <a> Call







Call settings opens.

2

Other service settings



Other service settings opens.

3

[Call waiting] (☑)





- Call waiting activates.
- · To cancel Call Waiting, Tap Call waiting (■).
- \cdot During a call, a tone sounds for incoming calls; Drag 💟 right.

Group Calling

Requires separate subscription.

1

During a call, () Add Call



2

Enter number 🔵 Call

3

When call connects,

Merge calls

🌠 All lines connect to each other.

Caller ID

1

In application sheet, 🚫 (Settings) 🗦 Call



Call settings opens.

2

Other service settings

Other service settings opens.

3



Show number



Caller ID activates.

Call Barring

Restrict outgoing/incoming calls and SMS messages.

- · Call Barring requires Center Access Code (Network Password).
- 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. For details, contact SoftBank Customer Support, General Information.
- \cdot If Network Password has been previously changed on a mobile phone, enter the latest code to set Call Barring.
- Failure message appears when attempting to place/send calls/SMS with outgoing call restriction active. Message may take time to appear in some areas.

Restriction	Description
All outgoing calls	Restrict all non-emergency calls.
Bar int'l call	Restrict all international calls.
Local & home only	Restrict all international calls except calls to Japan.
Restrict all incomings	Reject all calls.
Bar if abroad	Reject calls while outside Japan.

1

In application sheet, 🚫 (Settings) 🗦 Call



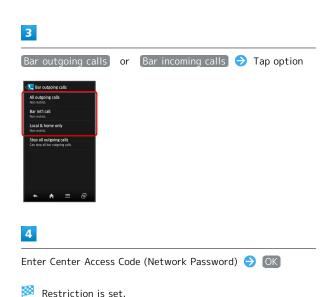
Call settings opens.

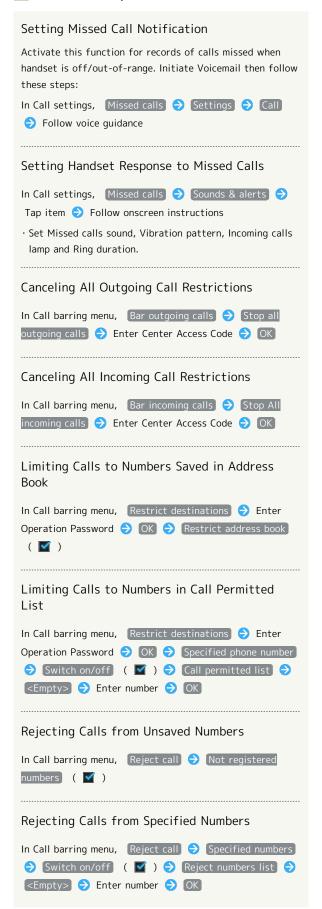
2

(Call barring)



Call barring menu opens.





Additional Operations



Address Book

Save contacts including names, phone numbers, mail addresses, etc.

Adding New Contacts



In application sheet, 🔼 (Address Book)



- Address Book opens.
- \cdot If confirmation appears, follow onscreen instructions.
- 2
- (add) on Action Bar



- Add contact window opens.
- · If confirmation appears, follow onscreen instructions.



Tap item 🔵 Complete entry



 Tap Next to move to other items. (Tap Done after mail address entry.) 4





Contact is saved.

Dialing from Address Book

1

In application sheet, 🔼 (Address Book)



- Address Book opens.
- \cdot If confirmation appears, follow onscreen instructions.



Tap tab 🔵 Tap contact



- Contact opens.
- \cdot Contacts are sorted by the first character of last name (Read last).







Handset dials the number.

Address Book Caution

If handset is left with no Battery inserted or an exhausted one, contacts may be altered/lost; handset damage may also affect information recovery. SoftBank Mobile is not liable for any resulting damages. Keep separate copies of contacts, etc.

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Messaging

S! Mail

Exchange messages with S! Mail-compatible SoftBank handsets and e-mail compatible devices (other mobiles, PCs, etc.) beyond SMS character entry limit; attach media files, etc.

SMS

Exchange short messages with mobiles using handset numbers as addresses.

Gmail

 $\label{lem:condition} \mbox{Gmail is Google's webmail service. Handset automatically syncs with \mbox{Gmail}.}$

Email

Exchange Email (POP3/IMAP4) messages on handset.

- \cdot Set up an account to use Email.
- \cdot Upon Email message retrieval, accounts are synced between handset and source mail server; messages are also accessible from PCs.

Sending S! Mail/SMS

Sending S! Mail

To send S! Mail to a number/address saved in Address Book:



(Mail) on Navigation Bar



Folder list appears.



Create



S! Mail Composition window opens.







Address Book opens.

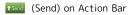


Tap tab 🔵 Tap contact

- \cdot Contacts are sorted by the first character of last name (Read last).
- · For multiple numbers/addresses, Tap one.



Enter subject \Rightarrow Next \Rightarrow Enter message





S! Mail is sent.

· Handset saves failed S! Mail messages to Unsent Folder; automatically attempts redelivery up to two times.

Sending SMS

To send SMS from sent/received mail records:



(Mail) on Navigation Bar



Folder list appears.







SMS Composition window opens.











Enter message 🔵 🔤 (Send) on Action Bar



 \cdot Handset saves failed SMS messages to Unsent Folder; automatically attempts redelivery up to two times.

Saving to Unsent Box without Sending

In S! Mail Composition window or SMS Composition window, Save

Important S! Mail/SMS Transmission Note

If Outbox is full, handset automatically deletes sent messages, unprotected ones first.

Opening & Replying to S! Mail/SMS

Handset retrieves S! Mail/SMS messages automatically; set manual retrieval as needed.

Opening New S! Mail/SMS

When message arrives, handset responds with ringtone/ $\label{eq:Vibration} \mbox{Notification Lamp, and} \ \ensuremath{\begin{tabular}{l} \blacksquare \ensuremath{\mbox{Notification}} \ensuremath{\mbox{Notio$

- \cdot In Welcome sheet (lock screen), notification appears.
- New message count (i) appears in (Mail) icon in application sheet.



Drag notification (X new mail) down



- Message window opens.
- · For multiple new messages, message list (Inbox) opens; select one.

Replying to S! Mail/SMS

To reply from message window, skip ahead to 3.



(Mail) on Navigation Bar



- Folder list appears.
- 2

Tap folder in Inbox 🔵 Tap message



- Message window opens.
- 3





 \cdot Reply to all appears for messages addressed to multiple recipients.



Enter message 🗦 🔝 (Send) on Action Bar

- Message is sent.
- Retrieving Complete Messages

In message window, 🗏 🤿 Continue to receive

· Tap 🖦 to select item to retrieve.

🔢 Important Message Retrieval Notes

Retrieval System

By default, complete message including attachments is retrieved; transmission fees may apply depending on subscribed price plan.

Automatic Message Deletion

If Inbox is full, handset automatically deletes oldest received messages, opened/unprotected ones first. If all messages are unopened, handset automatically deletes oldest unprotected ones first.

Retrieval Outside Japan

Message retrieval outside Japan may incur high charges.

Opening Received S! Mail/SMS

Opening S! Mail/SMS

To open received messages:



(Mail) on Navigation Bar



Folder list appears.



Tap folder in Inbox



Message list appears.

· Flick left/right to switch message lists.



Tap message



Message window opens.

· Flick left/right to open other messages.

Creating/Sending Gmail

Use Google's webmail service. (Sign in to a Google Account beforehand.)

Creating/Sending Gmail



In application sheet, 😭 (Gmail)



- Inbox opens.
- · If confirmation appears, follow onscreen instructions.







Mail Composition window opens.



Complete message → ▶ on Action Bar



Message is sent.

Gmail Composition Operations



Gmail Caution

Gmail messages are not received if recipient device is set to reject messages sent from PCs.

Opening Received Gmail

Gmail groups all related messages by subject. (Conversation view)

Opening New Gmail

When Gmail message arrives, handset responds with ringtone and Vibration, and ${\color{red} {\Bbb M}}$ appears.

1

Drag Status Bar down for Notifications Window



2

Tap message notification



Message window opens.

 \cdot For two or more new messages, Inbox opens; select one.

Opening Gmail

1

In application sheet, 🕍 (Gmail)



Inbox opens.

2

Tap conversation (subject)



Message window opens.

• Replying to Messages

In message window, \diamondsuit \bigcirc Complete message

Using Email

Adding Accounts

Confirm user name (user ID), password, server name, etc. beforehand.



In application sheet, 🙆 (Email)



Account setup menu opens (if no account is set up).

2

Enter mail address and password
Next

 Tap Manual setup to configure incoming/outgoing server settings directly.

3

Complete incoming server settings → Next → Complete outgoing server settings → Next

- Incoming and outgoing server settings are complete.
- · Procedure may vary by e-mail service.

4

Enter account name and sender name

Done

An Email account is added.

Creating/Sending Email



In application sheet, (Email)



Inbox opens.







Mail Composition window opens.



Complete message ♦ ▶



Message is sent.

Opening New Email

When Email message arrives, handset responds with ringtone and Vibration, and ${\stackrel{\textstyle \smile}{\sum}}$ appears.



Drag Status Bar down for Notifications Window



Notifications Window opens.



Tap message notification



Message window opens.

 \cdot For two or more new messages, Inbox opens; select one.

Opening Email



In application sheet, 🙆 (Email)



Inbox opens.



Tap message



Message window opens.

Web Browsing

View Internet sites in Browser.

Using Browser

Upon activating Browser, Quick toolbox guidance appears by default.

· To disable it thereafter, Tap Don't show again (☑) and



1

(Browser) on Navigation Bar



- Handset connects to the Internet.
- · Flick up/down to scroll.

Adding Bookmarks

- 1
- (Browser) on Navigation Bar



- Mandset connects to the Internet.
- 2

Open target page \Rightarrow \Rightarrow Add bookmark



- Add bookmark window opens.
- 3

Check/edit label, URL, etc. 🔵 OK



Current page is saved as a bookmark.

Opening Bookmarks

- (Browser) on Navigation Bar



- Handset connects to the Internet.
- 2







Corresponding page opens.

Using History

- (Browser) on Navigation Bar



- Handset connects to the Internet.





3

[HISTORY]



4

Tap item (Today , etc.) → Tap record

- Corresponding page opens.
- $\dot{}$ Frequently visited pages are saved in $\begin{tabular}{l} Most visited \\ \end{tabular}$.

Saving Pages



(Browser) on Navigation Bar



Handset connects to the Internet.

2

Open target page \Rightarrow \Rightarrow Save for offline reading

Current page is saved.

· Tap 🦱 to return.

Opening New Tabs

Open up to 16 pages in different tabs to switch between pages easily.

1

(Browser) on Navigation Bar



Mandset connects to the Internet.

2





Another page opens in a tab.

SSL & TLS

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

Browser Operations

Signing in to My SoftBank

Access My SoftBank to check service charges or reward points, change contract details (subscribed price plan, optional services, etc.), customize handset address, use anti-spam settings, and more.



Searching for Words/Phrases

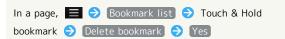
In a page, Tap URL entry field → Enter word/phrase →

Go → Tap link

Editing Bookmarks



Deleting Bookmarks



Opening Saved Pages



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 and Cybertrust cannot be held liable for any damages associated with the use of SSL/TLS.

Camera

Photo	Camera	68
Video	Camera	69

Photo Camera

Capturing Photos

Capture JPEG images.

 Insert SD Card beforehand. (Captured photos are saved to SD Card.)



In application sheet, [M] (Camera)



Photo Viewfinder appears.

· If confirmation appears, follow onscreen instructions.



Aim External Camera at subject



· For people, focus automatically locks on detected face.







Shutter clicks; photo is saved to SD Card.

Photo Viewfinder Operations

Adjusting Brightness

In Photo Viewfinder, Drag up/down for Brightness Scale

Adjusting Zoom

In Photo Viewfinder, Drag left/right or Pinch/Spread for Zoom Slider

Locking Focus

In Photo Viewfinder, Tap subject for focus lock

- · External Camera continuously focuses on moving subjects.
- · To release shutter, Tap the subject again.
- External Camera uses color to track subjects; may not correctly track faintly colored subjects or ones similar to background color.

Opening Captured Photo

In Photo Viewfinder, Tap preview thumbnail



Using Internal Camera

Use Internal Camera to capture self or others with Lens on Display side.

In Photo Viewfinder, 🖠 (Settings) 🗦 Switch in/outCam

- · To switch back to External Camera, Tap (IN/OUT).
- \cdot Some functions/settings are not available for Internal Camera.

Opening Help

In Photo Viewfinder, 📃 🗦 Help

🚺 Important Camera Usage Note

Mind etiquette when using Camera.

Video Camera

Recording Videos

Record MPEG-4/AMR or H.264/AAC videos.

- · Available format varies by recording size.
- \cdot Insert SD Card beforehand. (Recorded videos are saved to SD



In application sheet, 🚺 (Camera)



- Photo Viewfinder appears.
- · If confirmation appears, follow onscreen instructions.







- Video Viewfinder appears.
- \cdot If confirmation appears, follow onscreen instructions.



Aim External Camera at subject 🔵 📰 to start recording



- Tone sounds and recording starts.
- · For people, focus automatically locks on detected face.



to stop recording



Tone sounds and recording stops; video is saved to SD Card.

Video Viewfinder Operations

Adjusting Brightness

In Video Viewfinder, Drag up/down for Brightness Scale

Adjusting Zoom

In Video Viewfinder, Drag left/right or Pinch/Spread for Zoom Slider

 \cdot Zoom may be unavailable depending on Video Size.

Locking Focus

In Video Viewfinder, Tap subject for focus lock

- · External Camera continuously focuses on moving subjects.
- · External Camera uses color to track subjects; may not correctly track faintly colored subjects or ones similar to background color.

Playing Recorded Video

In Video Viewfinder, Tap preview thumbnail 🗦 🕞



🔀 Album activates (🛅 appears) and video plays.

Using Internal Camera

Use Internal Camera to record self or others with Lens on Display side.

In Video Viewfinder, 🖠 (Settings) 🗦 Switch in/outCam

- · To switch back to External Camera: In Video Viewfinder, ∜ (Settings) → Switch in/outCam .
- \cdot Some functions/settings are not available for Internal Camera.

Disabling/Enabling Mic

In Video Viewfinder, 🖠 (Settings) 🗦 Mic Setting 🗦







Opening Help

In Video Viewfinder, 📃 🗦 (Help)

Important Camera Usage Notes

General Use

Mind etiquette when using Camera.

Continuous Recording Time

Recording capacity is 2 GB per file (recording stops when exceeded). To continue recording, start another session.

Music & Images

Musi	c Files		72	2
Still	Images	&	Video72	2

Music Files

Playing Music Files

Supported file formats:

 \cdot 3GPP, 3GPP2, MP4, MP3, AMR, WMA, ASF, PIFF, OGG Vorbis, WAVE, MIDI, XMF, RTTTL/RTX, OTA, iMelody



In application sheet, 📦 (Play Music)



Library opens.

· Music opens in the last-used state.



Flick Display left/right to select category (ALBUMS, etc.)



3

Tap item 🔵 Tap song



Song plays.

- · In SONGS, Tap song directly.
- \cdot Depending on category, album name, etc. may need to be Tapped after Tapping an item.

Still Images & Video

View still images and videos saved to SD Card.

Opening/Playing Files

Supported file formats:

Image	File Format
Still Images	JPEG, PNG, GIF, BMP, WBMP, WebP
Video	3GPP, 3GPP2, MP4, WMV, ASF, PIFF, WebM



In application sheet, 🛅 (Album)



File list appears.

- · Tap ALL, PORTRAIT, EVENT or MAP to open files by category.
- When activating Album for the first time, ALL file list appears. Album activates in the last-used state thereafter (file list or folder list appears).
- \cdot Flick up/down for hidden files.
- \cdot If confirmation appears, follow onscreen instructions.



Tap file



File opens/plays.

• For video playback, Tap file again, then select application such as Video Player . (If confirmation appears, follow onscreen instructions.)

Connectivity

Wi-Fi	74
Bluetooth®	76

Wi-Fi

Use household Wi-Fi networks, etc. to connect to the Internet.

Enabling Wi-Fi



In application sheet, 📉 (Settings)



2

[Wi-Fi settings]



Wi-Fi settings opens.



OFF on Action Bar



₩i-Fi is enabled (🔼 🕦).

- \cdot Enabling Wi-Fi disables Wi-Fi Direct, if enabled.
- Access point search starts; available access points appear upon completion.
- · Tap ON to disable Wi-Fi (OFF).

Connecting Selected Access Points

Enable handset Wi-Fi first.



In application sheet, 📉 (Settings)



2

[Wi-Fi settings]



Wi-Fi settings opens.



Tap access point



4

Enter password

Connect



- Connection is established.
- Password (indicated by WEP, WPA, KEY, etc.) may be found on a label on your wireless LAN router. For details, contact the vendor of your wireless LAN router. For public wireless LAN services, check the password with your ISP.
- · Password entry omitted for some access points.

Disconnecting Wi-Fi

1

In application sheet, 📉 (Settings)



2

Wi-Fi settings



Wi-Fi settings opens.

3

Tap connected access point

Forget



- Wi-Fi is disconnected.
- · Password entry may be required to reconnect to access point.

Using Wi-Fi Direct

Use Wi-Fi Direct to establish a Wi-Fi connection with other Wi-Fi Direct compatible devices with no need for an access point or Internet connection.

 \cdot Wi-Fi Direct and access point-based Wi-Fi connection cannot be used simultaneously.



In application sheet, 🔨 (Settings) 🗦 Other settings



2

Network settings



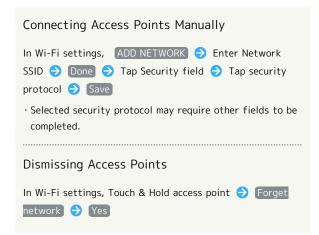
3

(Wi-Fi direct



- 🧭 Wi-Fi Direct is enabled (🗹).
- \cdot When Wi-Fi has been enabled, confirmation appears; Tap \mbox{OK} . (Wi-Fi will be disabled.)
- · To disable Wi-Fi Direct, Tap Wi-Fi direct ().

₩i-Fi Operations



? Troubleshooting

- Q. Cannot detect access points
- A. There may be multiple access points using neighboring channels. In this instance, handset may not detect access points correctly.

Bluetooth®

Connect handset to other Bluetooth® devices for wireless connectivity.

Enabling Bluetooth®

1

In application sheet, <a> (Settings) <a> Other settings



2

[Bluetooth]



- Bluetooth menu opens.
- 3

OFF on Action Bar



- Bluetooth® is enabled (

 ON).
- · Tap ON to disable Bluetooth® (OFF).

Device Search & Pairing

Pair nearby Bluetooth® devices with handset to transfer files.

· Enable Bluetooth® on handset and set target devices to be discoverable first.



In application sheet, 📉 (Settings) 🗦 Other settings







Bluetooth



Bluetooth menu opens; found Bluetooth® devices appear in Available devices field.

· If target device does not appear, Tap SEARCH FOR DEVICES to try searching again.



Tap device
Follow onscreen instructions

Pairing completes; handset connects to paired handsfree device, etc. automatically.

· Pairing procedure varies by target device.

Connecting Paired Bluetooth® Devices

In application sheet, 📉 (Settings) 🗦 Other settings



Bluetooth



Bluetooth menu opens.



Tap device in Paired devices field



Tapped device is connected.

Accepting Connection Requests

Handset automatically accepts connection requests from paired devices. For unpaired devices, set handset to be discoverable first; when connection request arrives, follow onscreen prompt.

· If confirmation appears, follow onscreen instructions.

Bluetooth® Connection Operations



Disconnecting Handsfree Devices, Etc.

In Bluetooth menu, Tap device 🔵 🔘

Allowing Other Devices to Detect Handset

In Bluetooth menu, Tap handset name (default: SBM107SHB)

- Description below handset name changes to Visible to all nearby Bluetooth devices, and handset is set to be discoverable.
- Handset returns to non-discoverable state automatically after a certain period of time, and will be hidden from unpaired devices.
- · Change the period of time after which handset returns to non-discoverable state as needed with Visibility timeout in Bluetooth Settings.

Receiving Files (e.g., Address Book with All File Transfer)

When file reception request arrives, $\mbox{\ensuremath{\mbox{$\mbox{$\mbox{$$}$}}}}$ appears. To receive files:

Drag Status Bar down for Notifications Window Tap Bluetooth® transfer notification Accept After receiving files, Drag Status Bar down for Notifications Window Tap Bluetooth® transfer notification Tap file (.vcf) Register of data Enter Operation Password Tap option

- · If confirmation appears, follow onscreen instructions.
- \cdot Received files are saved to SD Card; open them from Contents Manager.

Sending Single File (e.g., Address Book)



· If confirmation appears, follow onscreen instructions.

Sending Selected Files (e.g., Address Book)



· If confirmation appears, follow onscreen instructions.



Troubleshooting

- Q. Cannot use Bluetooth®
- A. Airplane mode may be active. Activating Airplane mode disables Bluetooth®. (Bluetooth® can be enabled again while Airplane mode is active.)

Important Bluetooth® Usage Notes

Connection

Bluetooth® connection may not be possible with some Bluetooth® devices. Noise may interfere with wireless or handsfree conversations.

File Transfer

Files may not appear correctly on recipient devices.

Global Services

Global	Roami	ng	8	30
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Global Roaming

Handset is Global Roaming Service eligible where 3G network coverage is available (3G areas). Use the same handset number outside Japan. For details, contact SoftBank Customer Support, General Information.

Selecting a Network Operator

Handset connects to an appropriate network operator automatically by default. To select a network operator manually:



In application sheet, 📉 (Settings)



2





3

[Mobile networks]



4

Network operators





Tap operator

Network operator is set.

- Tap Select automatically to set an appropriate network operator automatically.
- Tap Search networks to search for all available network operators.

Calling from Outside Japan

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.

Calling Japan



(Phone) on Navigation Bar



🔀 Call Window opens.

 \cdot When Incoming History or Outgoing History opens, Tap Phone . When missed call window opens, Tap 🥎 to open a Phone window.

2

Use onscreen dialpad to enter number

(Call



Roaming assistant appears.

 \cdot Do not add + before the number.



[Japan number]



🏁 Handset dials the number.

Calling Landlines & Mobiles within the Same Country



(Phone) on Navigation Bar



🔀 Call Window opens.

· When Incoming History or Outgoing History opens, Tap Phone . When missed call window opens, Tap 🔦 to open a Phone window.



Use onscreen dialpad to enter number 🔵 Call



Roaming assistant appears.

· Do not add + before the number.



Stay country number



Handset dials the number.

Calling Countries aside from Japan

1

(Phone) on Navigation Bar



- Call Window opens.
- · When Incoming History or Outgoing History opens, Tap

 Phone . When missed call window opens, Tap

 to open a

 Phone window.

2

Use onscreen dialpad to enter number

Call



· Do not add + before the number.



Other country number



Country code list appears.



Tap country



- Handset dials the number.
- $\dot{}$ When calling SoftBank handsets, always Tap $\mbox{ } \square$ $\mbox{ } \square$ in country code list.

International Call Operations



Settings

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Sound Settings

Sound Settings

Manner Mode

in Manner mode.

Activate Manner Mode In application sheet, (Settings) (Sound settings) Mode settings (Tap option) Shutter click, video recording tones, etc. still sound even

Volume





For New Message



For Notification





Dial Pad Touch Tones



Audible Touch Tones



Screen Lock Sounds



Haptic Feedback



Quick Start Key Setting

- Quick Start Key Setting
- Starting Application

Change Application/Function Assigned to Quick Start Key



Device Info



Build Number

Status



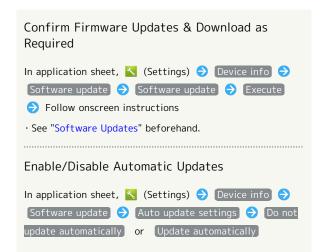
Adjust Touch Panel

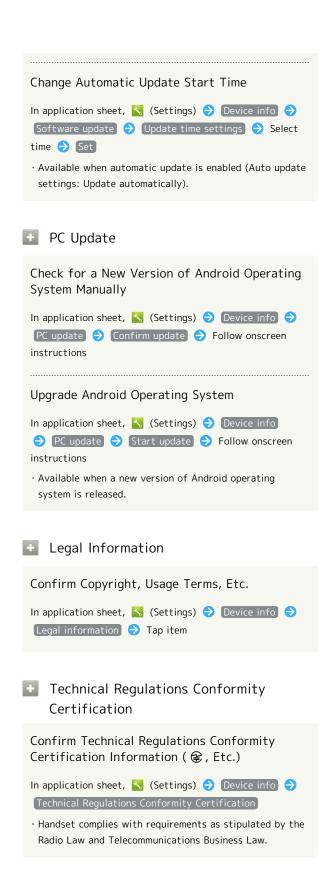


Adjust Sensitivity of Sensor



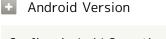
Software Update





Model Number





Baseband Version

Kernel Version



Accounts & Sync Settings

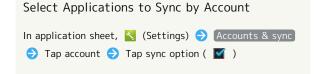
- Accounts & Sync Settings
- Add Account



Auto-Sync



Sync Settings



Wi-Fi Settings

- Wi-Fi
- ₩i-Fi



Home Applications Setting

- Home Applications Setting
- Home Applications

'To restore default Home, Tap 3-Line Home .

Battery Status

- Battery Status
- Battery

Confirm Battery Status

In application sheet, ★ (Settings) → Battery → Tap item

Storage

- Storage
- Preferred Install Location

Set Install Location

In application sheet, (Settings) (microSD & phone storage) (Preferred install location) Tap item

Application Settings

Application Settings

All Applications

Confirm Application Properties

In application sheet, (Settings) (Application (Settings) Tap application

- Handset system memory status appears below Internal storage at Display bottom.
- \cdot Confirm version/memory usage, uninstall/force-stop application, etc.

Running Service

Open List of Running Services

- · Tap SHOW CACHED PROCESSES as needed.
- · To stop running service, Tap it then Tap Stop.
- \cdot If confirmation appears, follow onscreen instructions.

Bluetooth Settings

Bluetooth Settings

Bluetooth

Enable/Disable Bluetooth®

- · Tap OFF to enable it (ON) or Tap ON to disable it (OFF).
- \cdot Disable Bluetooth to extend battery time.

Change Handset Name that Appears on Other Devices

- field \Rightarrow Enter name \Rightarrow Rename
- Available when Bluetooth is enabled.Pictograms are not supported.

Change Discoverable Time

- · Available when Bluetooth is enabled.
- For Never time out , handset does not return to nondiscoverable state automatically.

Connect to Bluetooth® Devices by Service

In application sheet, (Settings) Other settings Deluctooth Image: Other settings Other settings <a h

- · Available for compatible devices only.
- · Available when Bluetooth is enabled.

Select whether to Use Handsfree Device or Operated Device as Means of Conversation

In application sheet, 🔥 (Settings) 🤿 Other settings

- ⇒ Bluetooth ⇒ ≡ ⇒ Handsfree setting
- · Tap Handsfree setting to toggle on (☑)/off (☐).
- · Available when Bluetooth is enabled.

Network Settings

- Network Settings
- Airplane Mode

Disable/Enable Signal Transmitting Functions

In application sheet, (Settings) (Other settings)

Network settings (Airplane mode)

· Tap Airplane mode to toggle on (☑)/off (■).

₩i-Fi Direct

Enable/Disable Wi-Fi Direct

In application sheet, <a> (Settings) <a> Other settings <a> Wi-Fi direct <a> Wi-Fi direct <a> Other settings <a> Oth

- · Tap Wi-Fi direct to toggle on (✓)/off (🔲).
- · Enabling Wi-Fi Direct disables Wi-Fi, if enabled.
- · If confirmation appears, follow onscreen instructions.
- Home Network Settings

Set up a Network (Wi-Fi Access Point) for DLNA Service

In application sheet, (Settings) (Other settings)

Network settings→ Home network settings→ Tap access point

- $^{\cdot}$ Available when Home network server is disabled (\blacksquare).
- \cdot If confirmation appears, follow onscreen instructions.

Enable/Disable Sharing of SD Card Media Files on DLNA Devices

In application sheet, <a> (Settings) <a> Other settings <a> Metwork settings <a> Home network settings <a> Other setting

- Home network server

 Set up Wi-Fi for home NW server beforehand.
- Tap Home network server to toggle on ()/off().
- See TV user guide to learn how to connect handset to DLNA-compatible TV.

Save Handset Name that Appears on DLNA Devices

· Available when Home network server is disabled ().

VPN Settings

Add Virtual Private Networks (VPNs)

- Set up Lock No., password or pattern for Screen lock beforehand.
- Tap an added VPN to connect/disconnect it. Touch & Hold to edit/delete it.
- Mobile Networks

Enable/Disable Mobile Data Transmissions

In application sheet, (Settings) (Other settings)

Network settings (Mobile networks)

Data transmission

Tap Data transmission to toggle on (\blacksquare)/off (\blacksquare).

Enable/Disable Data Roaming

In application sheet, <a> (Settings) <a> Other settings <a> Mobile networks <a> Data

- · Tap Data roaming to toggle on (✓)/off (🔳).
- · If confirmation appears, follow onscreen instructions.

Add Access Points

Restore Default Settings

Select a Network Operator

In application sheet, (Settings) Other settings
Network settings (Mobile networks)
Network operators (Or Tap operator directly)

- Tap Select automatically to set an appropriate network operator automatically.
- Tap Search networks to search for network operators again.

Lock & Security Settings

Lock & Security Settings

Screen Lock





Unknown Sources



External Connection Setting

- External Connection Setting
- **Earphone Type**

Language & Input Settings

- Language & Input Settings
- Select Language

User Dictionary

Android Keyboard

Adjust Android Keyboard Settings

In application sheet, (Settings) Other settings

Language & input (next to Android keyboard)

Tap item Follow onscreen instructions

For some items, setting completes upon Tapping the item.

iWnn IME - SH edition

Adjust iWnn IME - SH edition Settings

Change keyboard design, input/conversion settings, dictionary settings, etc.

In application sheet, (Settings) (Other settings)

Language & input (next to iWnn IME - SH edition) Tap category Tap item Follow onscreen instructions

For some items, setting completes upon Tapping the item.

Date & Time Settings

- Date & Time Settings
- Automatic Date & Time

+ Auto Timezone

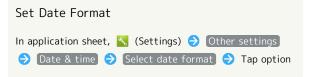
Set Date

Set Time

Select Time Zone

■ Use 24-hour Format

Select Date Format



Developer Option Settings

Developer Option Settings

Developer Options

Set Developer Options

Available options are intended for developers. Do not change the settings except when developing applications, etc.; may result in handset malfunction.

 \cdot For some items, setting completes upon Tapping the item.

Reset All

Reset All

+ Reset All

Delete All Handset System Memory Files

Reset all deletes all handset system memory files including some preinstalled applications irreversibly.

In application sheet, (Settings) Other settings

Reset all Reset all Enter Operation

Password OK Read message Reset phone

Erase everything

- Back up important information before performing Reset all. For backup procedure on handset, see "File Backup (Handset to SD Card)."
- · Handset reboots after Reset all.
- · To delete all SD Card files simultaneously, Tap Erase microSD () before Tapping Reset phone .

Appendix

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Specifications

Handset

Item	Description
Weight	87 g (116 g with Battery)¹
Continuous Talk Time ²	3G: 530 minutes¹
Continuous Standby Time ³	3G: 500 hours ¹
Continuous One Seg Reception Time ⁴	8 hours ¹
Charging Time ⁵	190 minutes¹
Dimensions	58 mm x 115 mm x 12 mm (without protruding parts)¹
Maximum Output	3G: 0.25 W

- 1 Approximate value.
- 2 Average measured with a new, fully charged Battery, in strong signal conditions without moving handset.
- 3 Average measured with a new, fully charged Battery, without calls or operations, in strong signal conditions without moving handset, and with Data transmission and Urgent News disabled. May vary with battery strength, ambient temperature, settings, etc.
- 4 Measured with a new, fully charged Battery, with AV mode set to Standard, Sound setting set to OFF and Screen size set to Standard, using Headphones with Mic (optional accessory), until Battery runs low (10% of capacity).
- 5 Measured with power off using AC Charger.
- · Talk Time, Standby Time and One Seg Reception Time when Eco backlight control is disabled, Outdoor view is enabled, Brightness is set to approximately half of maximum (11 of 21) and Always measurement (of Radiation measurement) is disabled.
- · Talk Time/Standby Time/One Seg Reception Time may vary with location, status, settings, etc.
- \cdot Display employs precision technology; however, some pixels may remain on/off.

Battery

Item	Description	
Voltage	3.7 V	
Туре	Lithium-ion	
Capacity	1,460 mAh	
Dimensions (W x H x D)	45.2 mm x 53.8 mm x 4.9 mm (without protruding parts) ¹	
Materials/ Finishing	PC resin/Gold plating	

1 Approximate value.

AC Charger

Item	Description
Power Source	AC 100 V - 240 V, 50/60 Hz
Power Consumption	9 W
Output Voltage/ Current	DC 5.0 V/1.0 A
Charging Temperature	5°C to 35°C
Dimensions (W x H x D)	40 mm x 53 mm x 23 mm (without protruding parts, cable) ¹
Cable Length	1.5 m ¹
Materials/ Finishing	PC, MBS, PBT, and TPE resin; copper alloy; SUS/Ni plating

1 Approximate value.

Customer Service

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

SoftBank Customer Support

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

Smartphone Technical Support Center

From a SoftBank handset, dial toll free at 151
From a landline/IP phone, dial toll free at 0800-1700-151

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)

Safety Precautions

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Water & Dust Resistance	11/

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.

Safety Precautions

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

Label	Description
⚠ DANGER	Great risk of death or serious injury
 MARNING	Risk of death or serious injury
 ∴ CAUTION	Risk of minor injury or damage to property
	L: -L-: -1

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

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

Handset, Battery, Charger (including Optional Accessories), USIM Card, Micro USB Cable & SD Card

⚠ DANGER



Use specified Battery, Charger and Micro USB Cable only.

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



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 or Charger to liquids.

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



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.

♠ WARNING



Display uses tempered glass; however, do not subject to impact or apply excessive force.

Display may break, scattering sharp glass pieces. Should Display break, do not touch glass pieces or broken parts directly; may cause injury.



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

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



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

Handset use near petrochemicals or other flammables may cause fire/explosion; power off before using Osaifu-Keitai® at gas stations (cancel Osaifu-Keitai 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.



For unusual sound/odor, smoke or other abnormality:

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



Keep liquid (water, pet urine, etc.) or conductive material (pencil lead, metal strip/ jewelry, etc.) away from 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.



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/ 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 out of infants' reach.

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



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

Misuse may cause injury, etc.

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.



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.

⚠ WARNING



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, ignite, 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.



Keep Battery away from pets.

Pet bites may cause Battery to leak, burst, overheat, ignite, etc.

⚠ CAUTION



Do not dispose of an exhausted Battery with ordinary refuse.

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



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.

Handset

№ WARNING



Do not use handset while driving or cycling.

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



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

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



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

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



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

May cause heart damage.



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

There is a risk of lightning strike or electric shock.



Do not look into Infrared Port during infrared transmissions.

Eyesight may be affected.

⚠ 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.



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 be lost.



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.



Always maintain some distance from Speaker while ringtones, music or other handset sounds play.

Excessive volume may damage ears or hearing.



Watch One Seg from a distance in good light.

Watching in poor light or too close may affect eyesight.



Moderate handset Volume when using Headphones.

Excessive volume may damage ears or hearing.

Charger (including Optional Accessories)

⚠ WARNING



Do not cover/wrap Charger while charging.

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



Use only the specified voltage.

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

- · AC Charger: AC 100 V 240 V Input
- \cdot 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.



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

May cause electric shock, smoke or fire.



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

Fire may result.



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

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



Do not touch plug with wet hands.

May cause electric shock, malfunction, etc.



Do not touch Charger if thunder is audible.

May cause electric shock, etc.



Do not expose Charger to moisture (precipitation, bath/shower, etc.).

May cause fire, electric shock or malfunction.



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

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



Use only the specified fuse for In-Car Charger.

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

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.

Micro USB Cable

⚠ CAUTION



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.

Handset Use & Electronic Medical Equipment

This section is based on "Guidelines on the Use of Radio Communications Equipment such as Cellular Telephones and Safeguards for Electronic Medical Equipment" (Electromagnetic Compatibility Conference, April 1997) and "Report of Investigation of the Effects of Radio Waves on Medical Equipment, etc." (Association of Radio Industries and Businesses, March 2001).

♠ WARNING



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

Radio waves may interfere with implanted pacemakers or defibrillators.



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.



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.



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

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

Important Product Information

General Use

- If your USIM Card or handset (with USIM Card inserted) is lost or stolen, suspend your service immediately. For details, contact SoftBank Customer Support, General Information.
- · SoftBank Mobile is not liable for any damages resulting from accidental loss/alteration of handset/SD Card files or settings. Keep separate copies of contacts, etc.
- Handset transmissions/One Seg reception may be disrupted inside buildings, tunnels or underground, or when moving into/out of such places; may affect calls or One Seg images/ video streams.
- · Use handset without disturbing others.
- · Handsets are radios as stipulated by the Radio Law. Under the Radio Law, handsets must be submitted for inspection upon request.
- Handset use near landlines, TVs or radios may cause interference.
- · 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.

Camera

- · Mind etiquette when using Camera.
- · Test Camera before shooting special moments.
- $\boldsymbol{\cdot}$ 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.

Urgent News (Application)

- Handset receives earthquake alerts by default (Urgent News Incoming Setting is enabled).
- · Alert tones sound even in Manner mode.
- Alerts are not received during calls/transmissions or in poor signal conditions.
- \cdot Depending on usage/situation, handset may receive alerts for other areas or no alerts.
- Standby Time may decrease when Urgent News Incoming Setting is active.
- SoftBank Mobile cannot be held liable for any damages associated with this service, including accidents resulting from received information, reception timing or reception failure.

Wi-Fi (Wireless LAN)

Wireless LAN (hereafter "Wi-Fi") uses radio waves to enable communication between compatible devices within range. However, it is advisable for the user to configure security settings to avoid risk of data interception.

- Do not use Wi-Fi near electrical appliances, audiovisual equipment or office automation equipment; may affect Wi-Fi transmission speed, availability, clarity, etc. (Especially when a microwave oven is in use.)
- If there are multiple access points nearby, handset may not detect access points correctly.

■Precautions

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

- 1 Before using Wi-Fi, visually confirm that no other radio stations sharing the same frequency band are in use nearby.
- 2 Should interference occur between handset and other radio stations, move or disable Wi-Fi immediately.
- 3 For additional information and support, contact SoftBank Customer Support, General Information: From a SoftBank handset, call toll free at 157. To call toll free from a landline/IP phone, see "Customer Service."

Frequency Band

This radio station utilizes 2.4 GHz band with DSSS-OFDM modulation. Maximum transmission radius is 40 meters.



■Simultaneous Use with Bluetooth®

Wi-Fi (IEEE 802.11b/g/n) and Bluetooth® transmit on the 2.4 GHz band. Enabling handset Bluetooth® or using Bluetooth® devices near handset may affect Wi-Fi transmission speed, availability and clarity. Should interference occur, cancel handset Bluetooth® or discontinue Bluetooth® device use.

- Handset supports Wi-Fi channels 1 13. Handset does not connect to access points set to other channels.
- · Available channels vary by country.
- For use of Wi-Fi aboard aircraft, check with airline beforehand.

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 "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.



Handset & Hardware Care

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 $5 \, ^{\circ}\text{C}$ $35 \, ^{\circ}\text{C}$ (up to $40 \, ^{\circ}\text{C}$ 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 dry cloth, cotton swab, etc.
- · Clean handset with soft dry cloth. Alcohol/solvent use may fade color/print.
- · Avoid scratching Display.
- \cdot Avoid heavy objects or excessive pressure. May cause malfunction or injury.
 - \cdot Do not sit on handset in back pants pocket.
- \cdot Do not place heavy objects on handset inside handbags, packs, etc.
- Connect only specified products to 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 SD Card; may result in data loss or malfunction.
- · When walking outside, moderate handset Volume to avoid
- · Avoid covering Speaker while using handset.

SD Card Slot

SD Card Slot is located above USIM Card Slot.

Do not insert SD Card into USIM Card Slot.



Touchscreen

- · 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
- · 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
- · If Display is wet, wipe it with soft cloth.
- · Press **(**) to activate Screen lock, then Press **(**) again to cancel it when:
 - \cdot Handset operates automatically without touch input
 - · Handset does not respond to touch input

Mic

The small opening (shown below) is handset Mic.



Avoid covering Mic; obstructions may affect Mic sensitivity.

USIM Tray

Do not apply excessive force, or do not pull USIM Tray at an angle; damage may result.

 \cdot Use tab to gently pull USIM Tray straight out until it is about halfway exposed as shown below.



Headphones

Headphones with Mic (SHLDL1) is available for separate purchase. Other headphone mics may not function properly on handset.

 Do not subject Headphone Port to strong impact while using Headphones with Mic; water/dust resistance may be affected.

When Handset Freezes

If handset has stopped processing or won't respond to operation, reboot it as follows:

Remove Battery (a) Wait a few seconds (b) Install Battery (b) (Long Press)

Resetting Handset

Reset all deletes all handset files including some preinstalled applications irreversibly.



To delete all SD Card files simultaneously, select Erase microSD before Tapping Reset phone .

Picasa™ Web Albums Sync Note

Save a Google Account associated with Picasa Web Albums to handset. If a Google Account is saved to handset then a Picasa Web Albums account is created with that Google Account, corresponding Picasa Web Albums is unsynchronizable on handset.

Using Energy Saving Settings

To extend battery time:

- · If confirmation appears, follow onscreen instructions.
- \cdot Use three modes (Norm., Waza. and Emerg.) as needed.
- · For Waza. and Emerg., some functions/settings are limited or disabled. Emerg. minimizes Brightness and disables Wi-Fi, GPS and some other transmissions.
- Tap Edit or Check to change/check settings. (Emerg. settings are fixed and cannot be changed.)
- Energy saving standby disables some applications that run in the background when Screen lock is active. (Some applications may not run properly when Screen lock is active.) In Waza. mode, to specify applications to disable/enable:



· Some applications that establish periodic network connections do not start communication after switching back to Norm. from Waza. or Emerg. In this case, Long Press 🔱 , then reboot handset.

General Notes

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.

Open Source Software

· Handset contains software based on GNU General Public License (GPL), GNU Lesser General Public License (LGPL), and other licenses.

To confirm details of relevant software licenses:

Legal information () Open source licenses







· The source code of software based on GPL, LGPL, and Mozilla Public License (MPL) is provided on the following website free of charge.

https://sh-dev.sharp.co.jp/android/modules/oss/ (Japanese)

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

Hereby, Sharp Telecommunications of Europe Ltd, declares that 107SH is in compliance with the essential requirements and other relevant provisions of Directive 1999/5/EC. A copy of the original declaration of conformity for each model can be found at the following Internet address: http:// www.sharp.co.jp/k-tai/

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Battery Cautions

Use specified Battery or Charger only.

Non-specified equipment use may cause malfunctions, electric shock or fire due to battery leakage, overheating or bursting. Do not dispose of an exhausted Battery with ordinary refuse; always tape over Battery terminals before disposal. Take Battery to a SoftBank Shop, or follow the local disposal regulations.

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

European RF Exposure Information

Your mobile device is a radio transmitter and receiver. It is designed not to exceed the limits for exposure to radio waves recommended by international guidelines. These guidelines were developed by the independent scientific organization ICNIRP and include safety margins designed to assure the protection of all persons, regardless of age and health. The guidelines use a unit of measurement known as the Specific Absorption Rate, or SAR. The SAR limit for mobile devices is 2 W/kg and the highest SAR value for this device when tested at the ear was 0.571 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 0.356 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

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

- *The tests are carried out in accordance with international quidelines for testing.
- **Please see "Electromagnetic Safety" for important notes regarding body-worn operation.

Headphone Signal Level

The maximum output voltage for the music player function, measured in accordance with EN 50332-2, is 22.0 mV.

FCC Notice

This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions:

(1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.
Changes or modifications not expressly approved by the manufacturer responsible for compliance could void the user's authority to operate the equipment.

FCC Information to User

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

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

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

FCC RF Exposure Information

Your handset is a radio transmitter and receiver. It is designed and manufactured not to exceed the emission limits for exposure to radio frequency (RF) energy set by the Federal Communications Commission of the U.S. Government. The guidelines are based on standards that were developed by independent scientific organizations through periodic and thorough evaluation of scientific studies. The standards $% \left(1\right) =\left(1\right) \left(1\right)$ 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 0.462 W/kg, and when worn on the body in a holder or carry case, is 0.538 W/

This device was tested for typical body-worn operations with the back of the handset kept 1.0 cm from the body. To maintain compliance with FCC RF exposure requirements, use accessories that maintain a 1.0 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 (APYHRO00175).

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)

Specific Absorption Rate (SAR)

SoftBank 107SH meets the government's requirements for exposure to radio waves.

These requirements are based on scientific basis to assure that radio waves emitted from mobile phones and other handheld wireless devices do not affect human health. They require that the Specific Absorption Rate (SAR), which is the unit of measurement for the amount of radiofrequency absorbed by the body, shall not exceed 2 W/kg*. This limit includes a substantial safety margin designed to assure the safety of all persons, regardless of age or health, and meets the international standard set by International Commission on Non-Ionizing Radiation Protection (ICNIRP) in cooperation with World Health Organization (WHO).

The highest SAR value of SoftBank 107SH is 0.673 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.

 3 IP5X compliant means that a handset continues to function as a phone and its safety is maintained after being agitated in a device containing dust of 75 μ m 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.
- \cdot If handset is wet, wipe it with dry cloth.
- Do not open/close Battery/Port Cover with wet hands or while handset is wet.
- Do not use Headphones while Headphone Port is wet or obstructed by sand/dirt; water/dust resistance may be affected causing malfunction.
- · Handset is only water resistant against fresh/tap water between 5°C 35°C.

■Dust Resistance

- · Handset complies with IP5X dust protection standard. However, dust resistance may not be guaranteed under some circumstances (placing handset directly on sand, etc.).
- Remove dust from handset completely before use by rinsing off with water, etc.
- Any residue may damage Display; may cause serious malfunction.

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.
- \cdot 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 key operation).
- · Handset is not resistant to water pressure. Avoid highpressure 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 (see "Drying Handset").
- Battery 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.
- · 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.
- \cdot 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 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.
- · Do not touch Charger with wet hands. Electric shock may occur.
- Do not use Charger in rooms in which water is regularly in use (kitchens, bath/shower rooms, etc.); may cause fire or electric shock.
- Should External Device Port be exposed to liquid, never charge Battery; follow these steps first:
- 1 Holding handset firmly by its sides, shake it about 20 times
- 2 Pat against dry cloth to remove moisture from External Device Port
- 3 Leave handset on dry cloth for approximately 2 3 hours at room temperature

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.
- \cdot Do not insert sharp objects through Port/Battery Cover gaps or Headphone Port; 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.
- To maintain water/dust resistance, replace related parts every two years regardless of their condition. Customerrequested parts replacement incurs fees and requires handset submission. For details, contact a SoftBank Shop or SoftBank Customer Support, General Information.

Washing Handset

Wipe off dirt, sand, beverage, etc., gently with cloth. Then with Battery Cover closed, hold handset approximately 10 cm below faucet or shower head and wash with low-pressure tap water (6 liters/min. or lower) at normal temperature (5°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.
- \cdot Do not use a washing machine or ultrasonic cleaner.
- · Headphone Port tends to accumulate dust, sand, etc.; rinse it off and dry Headphone Port completely before use. Any residue may cause malfunction.
- · Do not put a cotton swab, cloth, etc. into Headphone Port; water/dust resistance may be affected causing malfunction.
- 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 Headphone Port, Earpiece, Mic, Speaker and Camera window when exposed to water.



Wipe handset surface with dry cloth

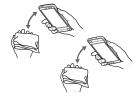


Holding handset firmly by its sides, shake it about 20 times





Pat against dry cloth to remove moisture from grooves



· Do not put a cotton swab, cloth, etc. into the opening.



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

Important

Do not use wet handset.

- \cdot Voice quality may be affected, or moisture may transfer to clothes, bag, etc.
- \cdot Moisture may short-circuit Headphone Port, etc.
- $\boldsymbol{\cdot}$ Exposure to cold may freeze moisture; may cause malfunction.



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