



103SH User Guide

103SH User Guide Contents

Introduction	
Introduction.....	3
Getting Started	
Package Contents.....	6
Parts & Functions.....	6
About USIM Card.....	7
SD Card.....	9
Battery Installation.....	13
Charging Battery.....	15
Handset Power On/Off.....	16
Using Touch Panel.....	17
Basic Operations	
Handset Interface.....	20
Applications.....	21
My Phone Number.....	23
Manner Mode & Offline Mode.....	24
Text Entry.....	24
Using Google Accounts.....	26
Android Market™.....	28
Security Codes.....	30
USIM PIN.....	31
Sleep Mode.....	32
File Backup.....	32
Software Update.....	33
Handset Interface	
Home Screen Basics.....	36
Launcher Basics.....	36
Status Bar.....	38
Notifications Window.....	39
Customizing Home Screen.....	39
Phone	
Placing/Answering Calls.....	44
Optional Services.....	45
Using Address Book.....	50
Messaging & Browser	
Mail Types.....	54
Sending S! Mail/SMS.....	54
Receiving & Replying S! Mail/SMS.....	56
Handling S! Mail/SMS.....	58
Creating/Sending Gmail.....	58
Opening Received Gmail.....	59
Email Settings.....	60
Creating/Sending Email.....	61
Opening Received Email.....	61
Browsing the Internet.....	62
Camera	
Photo Camera.....	66
Video Camera.....	67

Music & Images

Music.....	70
Still Images & Video.....	70

Connectivity

Connecting to Wi-Fi.....	74
Using Bluetooth®.....	77

Global Services

Global Roaming.....	82
Calling from Outside Japan.....	83

Settings

Wireless & Network Settings.....	86
Sound Settings.....	88
Application Settings.....	89
Accounts & Sync Settings.....	90
Privacy Setting.....	91
Language & Keyboard Settings.....	91
Date & Time Settings.....	93
About Phone.....	93

Appendix

Specifications.....	96
Customer Service.....	96

Safety Precautions

Safety Precautions.....	98
Important Product Information.....	104
Handset & Hardware Care.....	106
General Notes.....	107
FCC Notice.....	108
Specific Absorption Rate (SAR).....	109
Water & Dust Resistance.....	110

Introduction

Thank you for purchasing SoftBank 103SH.

Before You Begin

For proper handset use, read "Quick Tips" (in お問い合わせ) and this guide beforehand.

- Accessible SoftBank Mobile services may vary by subscription, etc.
- SoftBank 103SH is compatible with 3G and GSM network technologies.

Guide Usage Notes

- Most operation descriptions are based on default settings.
- Unless noted otherwise, descriptions are for Home Screen.
- Some operation descriptions may be omitted.
- In this guide and on handset, "abroad" means "outside Japan" with regard to handset/service usage.
- 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 via Guide icon in Home Screen or via Guide indicator on Status Bar. Guide indicator appears on Status Bar by default. To hide Guide indicator:

Access Guide →  →  →  → 

Getting Started

Package Contents.....	6
Parts & Functions.....	6
About USIM Card.....	7
SD Card.....	9
Battery Installation.....	13
Charging Battery.....	15
Handset Power On/Off.....	16
Using Touch Panel.....	17

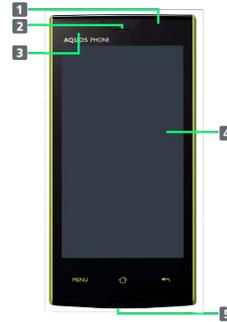
Package Contents

Package Contents

- Handset (SoftBank 103SH)
- Battery (SHBEE1)
- Micro USB Cable (SHDDL1)
- Micro USB Charging Adapter (SHCDL1)
- microSD Card (complimentary sample)
- クイックスタート (Japanese)
- お願いとご注意 (Japanese) with English "Quick Tips"
- Warranty (Japanese)

Parts & Functions

Handset Parts

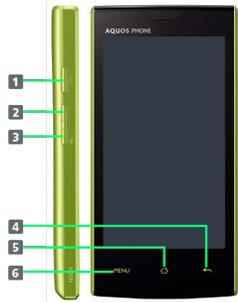


- 1** Proximity/Light Sensor
- 2** Earpiece
- 3** Notification Lamp
- 4** Display
- 5** Mic



- 1** External Device Port
- 2** Strap Eyelet
- 3** Infrared Port
- 4** Camera
- 5** Headphone Port
- 6** Battery Cover
- 7** FeliCa Logo
- 8** Speaker

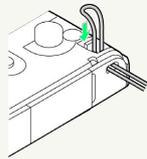
Handset Keys



- 1** Activate/cancel Sleep mode. Long Press for Power on or Phone options.
- 2** Increase Volume
- 3** Decrease Volume. Long Press to activate/cancel Manner mode.
- 4** Go back/escape
- 5** Return to Home Screen. Long Press for active applications.
- 6** Open Options menu

Attaching Straps

Remove Battery Cover, then feed Strap loop through Strap Eyelet, latching it on the peg. Secure Strap then replace Battery Cover.



About USIM Card

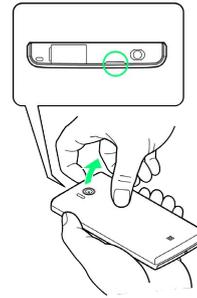
USIM Card is an IC card containing customer and authentication information, including handset number.

Inserting USIM Card

Power off first.

1

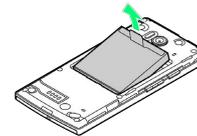
Remove Battery Cover



- Use notch above Display to lift Battery Cover.

2

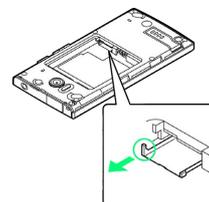
Remove Battery



- 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.

3

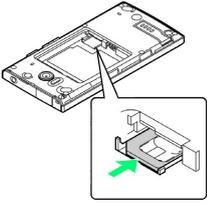
Pull out USIM Tray



- 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.

4

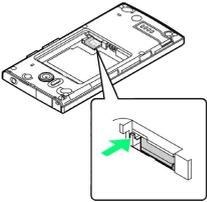
Place USIM Card (IC chip facing up) in USIM Tray



- Slide in USIM Tray.

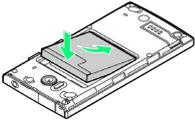
5

Secure USIM Tray



6

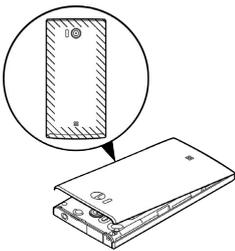
Insert Battery



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

7

Replace Battery Cover



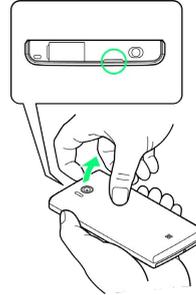
- Align Battery Cover with handset, then firmly press down along shaded areas.
- Close Battery Cover firmly. Debris trapped between base and Battery Cover gasket (for battery housing area) may expose handset to liquid/dust.

Removing USIM Card

Power off first.

1

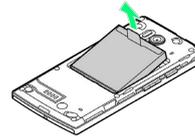
Remove Battery Cover



- Use notch above Display to lift Battery Cover.

2

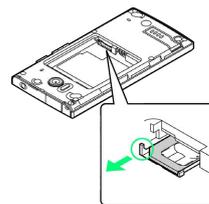
Remove Battery



- 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.

3

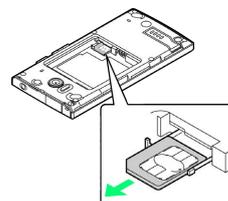
Pull out USIM Tray



- 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.

4

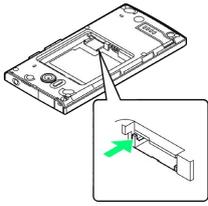
Remove USIM Card



- Slide out USIM Card.

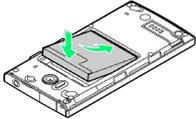
5

Secure USIM Tray



6

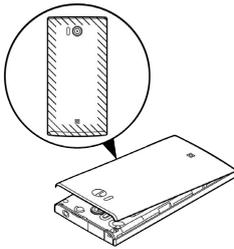
Insert Battery



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

7

Replace Battery Cover



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

SD Card

SoftBank 103SH supports SD Card up to 32 GB. However, some SD Cards may not operate properly.

Unmounting SD Card

Always perform Unmount microSD before removing SD Card. (Complimentary SD Card preinstalled.)

1

In Home Screen, **MENU** → **Settings**



2

microSD & phone storage



3

Unmount microSD → **OK**



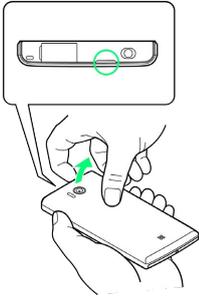
 **Unmount microSD** changes to **Mount microSD** . (SD Card is unmounted.)

Removing SD Card

Before removing SD Card, always perform Unmount microSD, then power off.

1

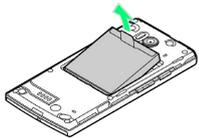
Remove Battery Cover



- Use notch above Display to lift Battery Cover.

2

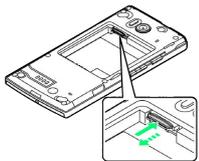
Remove Battery



- 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.

3

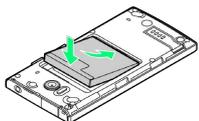
Remove SD Card



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

4

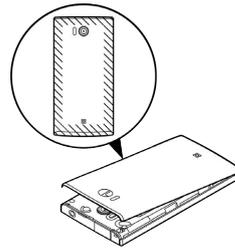
Insert Battery



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

5

Replace Battery Cover



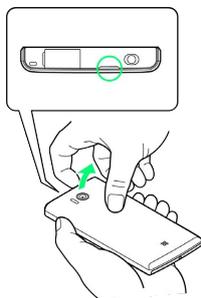
- Align Battery Cover with handset, then firmly press down along shaded areas.
- Close Battery Cover firmly. Debris trapped between base and Battery Cover gasket (for battery housing area) may expose handset to liquid/dust.

Inserting SD Card

Power off first.

1

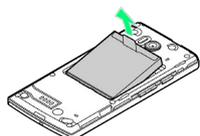
Remove Battery Cover



- Use notch above Display to lift Battery Cover.

2

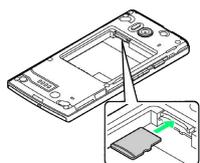
Remove Battery



- 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.

3

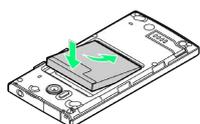
Insert SD Card



- Insert SD Card (terminals facing down) until it stops.
- Do not insert other objects.

4

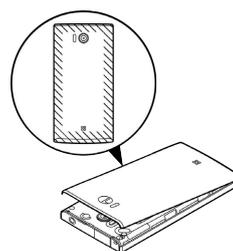
Insert Battery



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

5

Replace Battery Cover



- Align Battery Cover with handset, then firmly press down along shaded areas.
- Close Battery Cover firmly. Debris trapped between base and Battery Cover gasket (for battery housing area) 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.

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

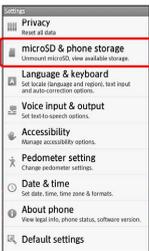
1

In Home Screen, **MENU** → **Settings**



2

microSD & phone storage



3

Unmount microSD → **OK**



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

4

Erase microSD



5

Erase microSD



6

Enter Handset Code → **OK**



· If Handset Code is unset, follow onscreen instructions.

7

Erase everything



Formatting starts.

· When finished, SD Card is mounted.

Complimentary Sample microSD Card

Complimentary SD Card is preinstalled.

- Warranty does not cover complimentary sample microSD Card.

Important SD Card Usage Note

SD Card files may be lost/alterd 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.

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

General Use

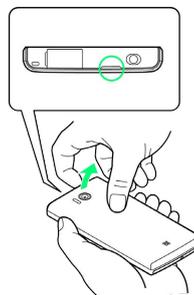
Keep SD Card out of infants' reach; may cause choking if swallowed.

Battery Installation

Inserting Battery

1

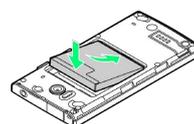
Remove Battery Cover



- Use notch above Display to lift Battery Cover.

2

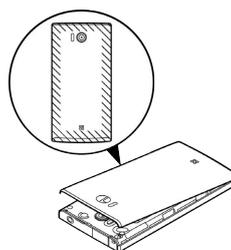
Insert Battery



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

3

Replace Battery Cover



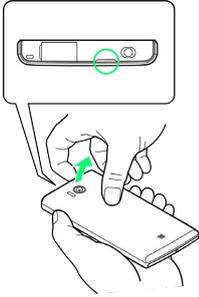
- Align Battery Cover with handset, then firmly press down along shaded areas.
- Close Battery Cover firmly. Debris trapped between base and Battery Cover gasket (for battery housing area) may expose handset to liquid/dust.

Removing Battery

Power off first.

1

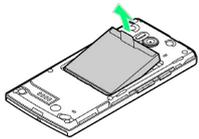
Remove Battery Cover



- Use notch above Display to lift Battery Cover.

2

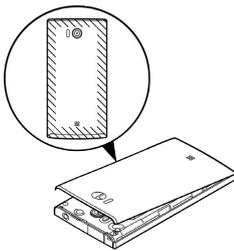
Remove Battery



- 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.

3

Replace Battery Cover



- Align Battery Cover with handset, then firmly press down along shaded areas.
- Close Battery Cover firmly. Debris trapped between base and Battery Cover gasket (for battery housing area) 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.

Battery Life

Replace Battery if operating time shortens noticeably.

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

Maintenance

Clean device 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.

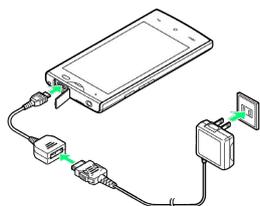
Charging Battery

Battery must be inserted in handset to charge it.

AC Charger

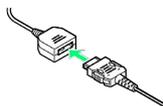
Use Micro USB Charging Adapter with AC Charger ZTDAA1 (sold separately).

- AC Charger and Micro USB Charging Adapter are not water or dust proof. Do not charge Battery while handset is wet.



1

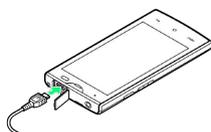
Insert Charger Connector into Micro USB Charging Adapter



- Confirm Charger Connector orientation, then insert Charger Connector until it clicks.

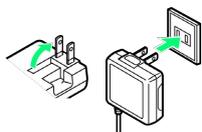
2

Insert Micro USB Charging Adapter into External Device Port



3

Extend blades and plug AC Charger into AC outlet



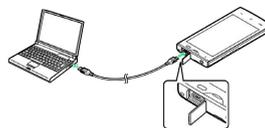
- ☑ Notification Lamp illuminates while charging.

- Notification Lamp goes out when Battery is full. Unplug AC Charger and retract blades. Remove Micro USB Charging Adapter and close Port Cover.

USB Charging

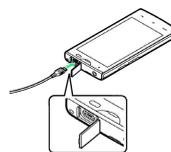
Connect handset to a PC via Micro USB Cable.

- Power on handset and PC first.
- 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. Battery may not charge if SD Card is not inserted.



1

Insert Micro USB Cable into External Device Port



2

Insert Micro USB Cable into PC USB port



- ☑ Notification Lamp illuminates while charging.

- Notification Lamp goes out when Battery is full. Remove Micro USB Cable and close Port Cover.

! Charging Precautions

Handling Cords

Do not pull, bend, or twist cord.

Handling External Device Port Cover

Remember these points when closing Port Cover:

- Close Port Cover firmly. Debris trapped between gasket and base may expose handset to liquid/dust.
- Do not try to close Port Cover with hinge extended; may deform Port Cover and affect water/dust resistance.

Important USB Charging Note

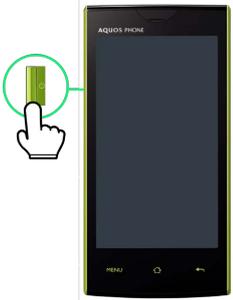
Handset may power on automatically when connected to a PC via Micro USB Cable; avoid connection aboard aircraft or in hospitals, etc. where handset use is prohibited.

Handset Power On/Off

Power On

1

Long Press  until SoftBank logo appears



After Power On Graphics, Unlock window appears.

- When powering on for the first time, water/dust proofing information appears. (Unlock window does not appear first.)

2

Drag  to 



Water/dust proofing information appears.

3

OK



Initial setup menu opens.

- If handset is set to skip setup menu at Power on, Home Screen appears.

Power Off

1

 (Long)



2

Power off



3

OK



Handset shuts down.

Using Touch Panel

Touch Display to navigate menus, 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.



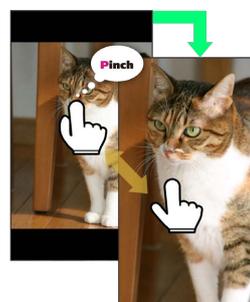
Swipe/Flick

Swipe or Flick to toggle sheets, pages, etc.



Spread & Pinch

Spread or Pinch to enlarge or reduce images, etc.



+ Calibrating Touch Panel

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

In Home Screen, **MENU** → **Settings** → **About phone**
 → **Adjust touch panel** → Tap center of each circle

Basic Operations

Handset Interface.....	20
Applications.....	21
My Phone Number.....	23
Manner Mode & Offline Mode.....	24
Text Entry.....	24
Using Google Accounts.....	26
Android Market™.....	28
Security Codes.....	30
USIM PIN.....	31
Sleep Mode.....	32
File Backup.....	32
Software Update.....	33

Handset Interface

Home Screen

Most operations start here. Home Screen holds up to ten sheets; add shortcuts, widgets or folders to each sheet.

- See "Home Screen Basics" for details.



Launcher

Applications are grouped by category. Open Apps for App Main Menu, then select group to access App List.

- See "Launcher Basics" for details.



Selection & Execution

Tap (select/execute) item, icon, key, etc. to open or execute corresponding function/operation.

- Press to return to previous window.



Options Menu Operations

Press to open Options menu.



- In some windows, Touch & Hold item, etc. to open Options menu. In Home Screen, Touch & Hold open area for quick action menu (below).



Handset Customization

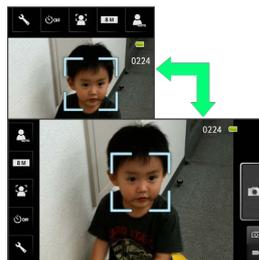
In Home Screen, Press then Tap to change settings.

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



Portrait and Landscape Orientation

For some functions/windows, Display orientation changes with handset orientation.



Capturing Screenshots

With SD Card inserted, Press  and  simultaneously to capture screenshot.

- Open captured screenshots from Photo in Contents Manager, etc.

Applications

Activating Applications

1

In Home Screen, 



 App Main Menu opens.

2

Tap group



 App List appears.

- Tap a tab to toggle groups.

3

Tap icon



 Application activates.

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

Switching Applications

Open list of active applications and switch between them.

1

In Home Screen or Launcher (App Main Menu or App List), etc.,  (Long)



 Active applications appear.

· Swipe left/right to toggle lists.

2

Tap application



 Application switches.

· To hide active application list, Press .

Closing Applications

In any application, Press  repeatedly until Home Screen or App List returns. (Some applications may remain active.)

To select and close applications:

1

In any application,  (Long)



 Active applications appear.

2



 Application ends.

· To close all applications, Tap  → .

+ Opening Application Use History

In Home Screen,  (Use history)

- Use history opens; Tap icon to activate application.
- To erase content from Use history, Press  in Use history and Tap .

My Phone Number

Confirming Handset Number

1

In Home Screen, MENU → Settings → Profile



Profile opens.

- Handset number appears in Own phone number field.

Saving User Information to Profile

1

In Home Screen, MENU → Settings → Profile



Profile opens.

2

MENU → Edit



Profile entry window opens.

3

Tap item (entry field)

- Tap + to show/add entry field or x to delete.

4

Complete field



- Tap other items and complete fields as needed.

5

Save → Yes

Profile is saved.

Manner Mode & Offline Mode

Activating Manner Mode

Mute most handset function sounds.

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

1

In Home Screen or Launcher (App Main Menu or App List), etc.,  ( ; Long)



 Manner mode activates.

- To cancel, Long Press  ().

Activating Offline Mode

Temporarily suspend all wireless connections.

1

 (Long)



 Phone options appear.

2

Offline mode

 Offline mode activates.

- To cancel, Long Press  , then Tap **Offline mode** .

Text Entry

Keyboard Basics

Use a keyboard to enter characters as follows:

12-Key: Multiple characters assigned to each key.

QWERTY and Android: Single letters assigned to each key.

- Tap a text entry field for keyboards.
- In any keyboard, Touch & Hold  or  to switch between 12-Key keyboard and QWERTY keyboard.
- To change input method, Touch & Hold text entry window, then Tap **Input method** → **Android keyboard** or **iWnn IME- SH edition** .
- Default input method: iWnn IME - SH edition.

12-Key Keyboard Layout



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

QWERTY Keyboard Layout



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

Switching Entry Modes

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

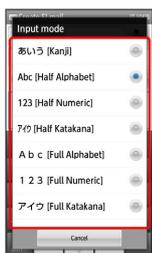
1

In a text entry window, Input mode



2

Tap mode



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

Alphabet

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

1

In a text entry window, (appears)



2

(twice: K) (twice: e) (three times: i)
 (once: t) (once: a) (three times: i)



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

3



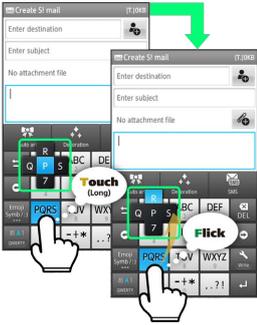
Keitai is entered.

- To toggle case, type a letter and Tap .

Flick Input

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

- Touch & Hold a key for guidance; Flick toward target character to enter.



Target Character	Operation
P	Tap PQRS once
Q	Touch PQRS and Flick left
R	Touch PQRS and Flick up
S	Touch PQRS and Flick right
7	Touch PQRS and Flick down

- To disable/enable key preview (Flick Input guidance) or Flick Input itself, in [Language & keyboard](#), Tap **iWnn IME - SH edition** → **Key input guide** or **Flick input**.

Using 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 New Google Account

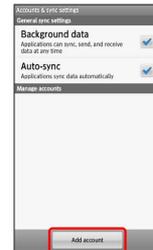
1

In Home Screen, MENU → Settings → Accounts & sync



2

Add account



3

Google



Add a Google Account appears.

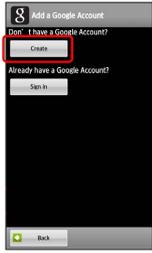
4

Next



5

Create



6

Tap First name field → Enter first name → Next →
 Enter last name → Next → Enter user name → Done
 → Next



· If confirmation appears, follow onscreen instructions.

7

Tap password field → Enter password → Next → Re-
 enter password → Done → Next



8

Tap Security question field → Tap question → Tap Answer
 field → Enter answer → Next → Enter secondary mail
 address → Done → Create



9

Read terms of service → I agree, Next



10

Enter shown characters → Done → Next



- Distorted characters appear. If they are unreadable, enter a character then Tap **Next** ; other characters appear.
- If a Google Account is already set up, sync options window opens after Tapping **Next** .

11

Finish setup



Account setup is complete.

Signing in to a Google Account

For applications requiring a Google Account, Add a Google Account appears; sign in to use the application.

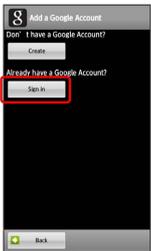
1

In Add a Google Account, **Next**



2

Sign in



3

Tap Username field → Enter user name → **Next** → Enter password → **Done** → **Sign in**



4

Finish setup

Sign-in is complete.

Important Google Account Usage Note

Do not forget your Google Account ID and password.

Android Market™

Download various applications via Android Market. (Sign in to a [Google Account](#) beforehand.)

Installing Free Applications

1

In Home Screen, **Internet** (Market)



Market opens.

· If confirmation appears, follow onscreen instructions.

2

Tap free application → **Download** or **Install** → **Accept & download**

Download (installation) starts.

Purchasing Paid Applications

1

In Home Screen, **Internet** (Market)



Market opens.

· If confirmation appears, follow onscreen instructions.

2

Tap paid application → Tap price → **Accept & buy** → Follow onscreen instructions

Download (installation) starts.

· For initial purchase, specify payment method after Tapping price.

Updating Applications

1

In Home Screen,    (Market)



 Market opens.

- If confirmation appears, follow onscreen instructions.

2

MENU  My Apps  Tap application  Update 
Accept & download

 Download (update) starts.

- If confirmation appears, follow onscreen instructions.

Purchased Applications

Payment

No additional payment required for re-downloads of uninstalled purchased applications.

Use on Other Android Devices

Install purchased applications on other Android devices free of charge by using the same Google Account used for the purchase.

Additional Operations

Refund Requests

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

In Market, MENU  My Apps  Tap application 
Refund  Tap answer  OK

Enabling Automatic Updates

In Market, MENU  My Apps  Tap application 
Allow automatic updating ()

- Automatic update is not available for some applications.

Important

Application Installation Disclaimer

Various applications are downloadable via Android Market provided by Google Inc. SoftBank Mobile has no warranty or liability for any content (including quality, reliability, legitimacy, fitness for a particular purpose, credibility and accuracy of information) of applications to be installed by users, or for any damages (caused by viruses, etc.) resulting from the installation.

Application Purchase Disclaimer

SoftBank Mobile cannot be held liable for any damages to self or others that arise from purchase of applications.

Android Market Automatic Updates

Automatic Market application updates may change Market operations.

Security Codes

Handset Code & Center Access Code

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

- Write down Handset Code and Center Access Code (Network Password). If you forget these codes, contact us for recovery. For details, contact SoftBank Customer Support, [General Information](#).
- Do not reveal Handset Code or Center Access Code (Network Password). SoftBank Mobile is not liable for misuse or damages.
- Incoming/outgoing call restriction 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](#).
- If you have previously changed Network Password on a SoftBank handset, enter the latest code to set incoming/outgoing call restrictions.

Saving Handset Code

Write down Handset Code.

1

In Home Screen, **MENU** → **Settings** → **Location & security**



2

Set password → **OK** → **Enter Handset Code** → **OK**



3

Re-enter Handset Code → **OK** → **OK**



 Handset Code is saved.

USIM PIN

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

Locking USIM Card

1

In Home Screen, MENU → Settings → Location & security



2

Set up USIM card lock → Lock USIM card → Enter PIN

→ OK (✓)



 USIM card lock activates.

Changing PIN

Activate [USIM card lock](#) first.

1

In Home Screen, MENU → Settings → Location & security



2

Set up USIM card lock → Change USIM PIN → Enter current PIN → OK → Enter new PIN → OK → Re-enter new PIN → OK

 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).

Sleep Mode

Activating Sleep Mode

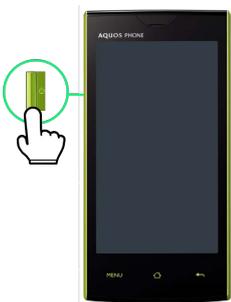
Display goes completely dark and Sleep mode activates after a period of inactivity.

Sleep mode prevents accidental Touch Panel operation.

- Press  to activate Sleep mode anytime.

Canceling Sleep Mode

1



 Unlock window appears.

2

Drag  to .



 Sleep mode is canceled.

- When Security Lock is active, unlock it as well.

Missed Calls & New Messages

Call/message icon appears in Unlock window. Drag icon up to cancel Sleep mode; corresponding menu/window opens.

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 Home Screen, **MENU** → **Settings** → **microSD & phone storage**



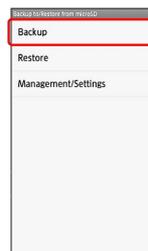
2

microSD backup



3

Backup



4

Enter Handset Code → **OK** → Tap items () → **Start** → **Yes** → **Complete**

 Backup is complete.

- If confirmation appears, follow onscreen instructions.
- To select ()/cancel () multiple items at once, Press **MENU** in Backup item list, then Tap **Check all** or **Uncheck all**.

Important Backup Usage Notes

Battery Strength

Backup stops if battery runs low. Be sure battery is adequately charged beforehand.

Memory Status

microSD backup requires 11 MB of available memory on handset.

Software Update

Updating Software

At specified time, SoftBank 103SH automatically checks for/downloads firmware updates as required. To update firmware manually:

1

In Home Screen, **MENU** → **Settings** → **About phone**



2

Software update



3

Software update → **Execute** → Follow onscreen instructions

 Software update starts.

Before Software Update

Always back up important information. SoftBank Mobile cannot be held liable for damages from lost information, etc.

Precautions

During Update

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

Signal Conditions

To reduce failure risk, be sure signal is strong and stable, and charge Battery adequately beforehand. Update failure may disable handset.

Handset Interface

Home Screen Basics.....	36
Launcher Basics.....	36
Status Bar.....	38
Notifications Window.....	39
Customizing Home Screen.....	39

Home Screen Basics

Most operations start from Home Screen. Home Screen includes multiple sheets. Add shortcuts, widgets or folders to each sheet.

Window Description



- 1 Handset status/notifications appear here
- 2 Use Google Search
- 3 Activate applications
- 4 Open Mail Folder list*
- 5 Show onscreen dialpad*
- 6 Sheet indicator* (white circle indicates current sheet)
- 7 Open application use history*
- 8 Activate Browser*
- 9 Open App Main Menu

· Change functions with * as needed.

Toggling Home Screen Sheets

Tap sheet indicator or Swipe left/right to toggle Home Screen sheets.



Launcher Basics

Use Launcher to access applications. Open Apps for App Main Menu, then select group to access App List. App List includes multiple pages; add folders, move icons, etc. as needed.

Opening App Main Menu

1

In Home Screen,



App Main Menu opens.

App Main Menu Layout



- 1 Open App List
- 2 Open Home Screen
- 3 Set App Main Menu show/hide option
- 4 Change view

Opening App List

1

In Home Screen, 



2

Tap group



 App List appears.

App List Layout



- 1 Select group (Swipe left/right to scroll)
- 2 Activate applications
- 3 Open Home Screen
- 4 Change view

Toggling Categories & Pages in App List

Tap a tab to toggle groups.

- Swipe tab left/right for tabs beyond view.



- Swipe Display up/down for applications beyond view (if any).

Status Bar

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



Notification Indicators

Notification Indicators appear on the left.



Indicator	Description
	Missed Calls
	Answer Phone Message Recorded
	New SMS/S! Mail
	New Email
	New Gmail
	Alarm Time Passed

Status Indicators

Status Indicators appear on the right.



Indicator	Description
	Battery Strength
	Signal Strength
	No Signal
	Offline mode
	Roaming
	3G Data in Use
	GSM Data in Use
	Alarm Set
	Standard manner mode
	Drive manner mode
	Silent manner mode
	Wi-Fi Connected
	Bluetooth® On
	Bluetooth® Connected
	Answer Phone (: Message Recorded)

Some indicators appear in different colors while signed in to a Google Account.

Notifications Window

Open notifications, confirm handset status or change various settings.

Opening Notifications Window

1

Tap Status Bar



Notifications Window opens.

· Press  to exit.

Window Description



- 1 Toggle Wi-Fi on/off
- 2 Toggle Bluetooth® on/off
- 3 Notifications; Tap **Clear** to delete all Notifications
- 4 Handset status
- 5 Toggle VeilView on/off
- 6 Toggle Display rotation on/off
- 7 Open Manner mode options
- 8 Adjust Display brightness
- 9 Toggle account synchronization on/off
- 10 Clock; Tap for Alarm (Clock application)
- 11 Toggle GPS positioning on/off
- 12 Open microSD & phone storage menu
- 13 Open active application list
- 14 Close Notifications Window

Customizing Home Screen

Setting Wallpaper

1

In Home Screen, Touch & Hold open area



Quick action menu opens.

2

Change wallpaper



3

Live wallpapers or Wallpaper gallery



· Tap **Contents manager**, etc. to set captured image as Wallpaper. Follow onscreen instructions.

4

Select image → Set wallpaper or Set to wallpaper



Wallpaper is set.

- If prompted, follow onscreen instructions (e.g., specify image area and Tap **Save**).

Adding Shortcuts

To add an application shortcut:

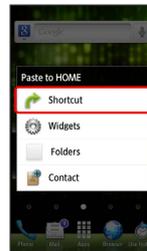
1

In Home Screen, Touch & Hold open area → Paste to HOME



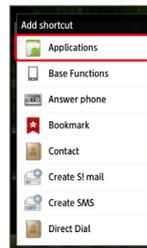
2

Shortcut



3

Applications



App Main Menu opens.

4

Tap group → Tap application



Shortcut is added.

Moving Shortcuts

1

In Home Screen, Touch & Hold shortcut



 Quick action menu opens.

2

Deployment changes



3

Tap target location

 Shortcut is moved.

- To a folder: Tap target folder. (Folders cannot be moved to other folders.)
- To another sheet: Swipe left/right and Tap target sheet.

+ Removing Shortcuts

Single Shortcuts

In Home Screen, Touch & Hold shortcut → 

Selected Shortcuts

In Home Screen, MENU →  → 
 → Tap shortcuts () → 


Phone

Placing/Answering Calls.....	44
Optional Services.....	45
Using Address Book.....	50

Placing/Answering Calls

See below to dial directly or answer calls. (SoftBank 103SH does not support Video Call.)

Placing a Call

1

In Home Screen, Tap  (Phone)



 Onscreen dialpad appears.

· When incoming/outgoing call history opens, Tap **Phone** . If missed call window appears, Press  to return to Home Screen and start over.

2

Use onscreen dialpad to enter number



· Include area code for landline numbers.

3

Call



 Handset dials the number.

· Wait for other party to accept the call.

4

To end the call, Tap **End call**



 Call ends.

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

Answering a Call

1

When a call arrives, Drag  right or Tap **Answer**



 Call connects.

2

To end the call, Tap **End call**



 Call ends.

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

Emergency Location Report

Your location is automatically reported to the corresponding agency (police, etc.) when you place emergency calls (110, 119 or 118) with SoftBank 3G handsets.

- Registration/transmission fees do not apply.
- Positioning accuracy is affected by location/signal conditions. Always provide your location and purpose on the phone.
- Location Information is not reported when emergency calls are placed without Caller ID (such as when the number is prefixed with 184). However, the corresponding agency may obtain your Location Information in a life threatening situation.
- Location Information is not reported during Global Roaming.
- Emergency calls are restricted when Offline mode and USIM card lock are active. Long Press  and cancel Offline mode, then reboot handset.

Optional Services

Use these SoftBank Optional Services:

Optional Services

Service	Description
Call Forwarding	Divert all/all unanswered calls to a preset number
Voicemail	Divert all/unanswered calls to Voicemail Center; access messages via handset/touchtone phones
Call Waiting ¹	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 A separate contract is required.

Initiating Call Forwarding

1

In Home Screen, **MENU** → **Settings** → **Call settings**



Call settings opens.

2

Voicemail/divert



Voicemail/divert menu opens.

3

Settings/stop



Divert menu opens.

4

Always or **No answer** → Enter number



- For **No answer**, Tap **Wait time** and select ring time as needed.
- To cancel Call Forwarding, Tap **Stop call forward** → **Yes**.

5

OK

Call Forwarding activates.

Initiating Voicemail

1

In Home Screen, **MENU** → **Settings** → **Call 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** → **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.

Activating Call Waiting

A separate contract is required.

1

In Home Screen, **MENU** → **Settings** → **Call settings**



Call settings opens.

2

Other service settings



Other service settings opens.

3

Call waiting ()



Call waiting activates.

- During a call, a tone sounds for incoming calls;
Drag right.
- To cancel Call Waiting, Tap **Call waiting** .

Using Group Calling

A separate contract is required.

1

During a call, **MENU** → **Add Call**



2

Enter number → **Call**

3

When call connects, **MENU** → **More** → **Merge calls**

All lines connect to each other.

Using Caller ID

1

In Home Screen, **MENU** → **Settings** → **Call settings**



Call settings opens.

2

Other service settings

Other service settings opens.

3

Notify caller ID → **Network default** , **Hide number** or **Show number**



Caller ID activates.

Using Call Barring

Restrict outgoing/incoming calls and SMS messages.

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

- Center Access Code (Network Password) is required to set incoming/outgoing call restrictions.
- Incoming/outgoing call restriction 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](#).
- If you have previously changed Network Password on a SoftBank handset, enter the latest code to set incoming/outgoing call restrictions.
- Failure message appears when attempting to place/send calls/SMS with corresponding restriction active. It may take longer to appear in some areas.

1

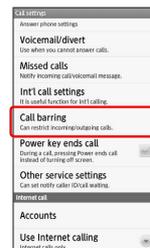
In Home Screen, **MENU** → **Settings** → **Call settings**



Call settings opens.

2

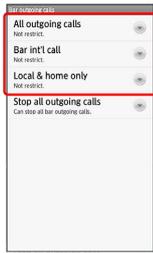
Call barring



Call barring menu opens.

3

Bar outgoing calls or Bar incoming calls → Tap option



4

Enter Center Access Code (Network Password) → OK

Restriction is set.

+ Additional Operations

Setting Missed Call Notification

Activate this function for records of calls missed when handset is off/out-of-range. Activate Voicemail then follow these steps:

In Call settings, Missed calls → Settings → Call
→ Follow voice guidance

Setting Handset Response to Missed Calls

In Call settings, Missed calls → Sounds & alerts → Set

· Set Missed calls sound, Vibration pattern, Incoming calls lamp and Ring duration.

Canceling All Outgoing Call Restrictions

In Call barring menu, Bar outgoing calls → Stop all outgoing calls → Enter Center Access Code → OK

Canceling All Incoming Call Restrictions

In Call barring menu, Bar incoming calls → Stop All incoming calls → Enter Center Access Code → OK

Limiting Calls to Numbers Saved in Address Book

In Call barring menu, Restrict destinations → Enter Handset Code → OK → Restrict address book ()

Limiting Calls to Numbers in Call Permitted List

In Call barring menu, Restrict destinations → Enter Handset Code → OK → Specified phone number → Switch on/off () → Call permitted list → <Empty> → Enter number → OK

Rejecting Calls from Unsaved Numbers

In Call barring menu, Reject call → Not registered numbers ()

Rejecting Calls from Specified Numbers

In Call barring menu, Reject call → Specified numbers → Switch on/off () → Reject numbers list → <Empty> → Enter number → OK

Rejecting Calls with No/Undisplayable Caller ID or from Payphones

In Call barring menu, **Reject call** → **Number not sent** ,
Payphone or **Unavailable** ()

Using Address Book

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

Adding Contacts

1

In Home Screen,  → **Mail/Phone** →  (Address Book)



 Address Book opens.

- If confirmation appears, follow onscreen instructions.

2

MENU → **Add new entry**



 Add contact window opens.

- If confirmation appears, follow onscreen instructions.

3

Tap item → **Complete entry**



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

4

Save → Yes

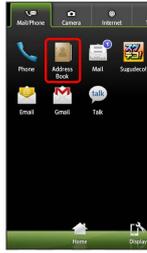


Contact is saved.

Dialing via Address Book

1

In Home Screen, → Mail/Phone → (Address Book)



Address Book opens.

· If confirmation appears, follow onscreen instructions.

2

Tap tab → Tap contact



Contact opens.

· Contacts are sorted by the first character of last name (Read last).

3



Handset dials the number.

Important Address Book Usage Note

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.

Messaging & Browser

Mail Types.....	54
Sending S! Mail/SMS.....	54
Receiving & Replying S! Mail/SMS.....	56
Handling S! Mail/SMS.....	58
Creating/Sending Gmail.....	58
Opening Received Gmail.....	59
Email Settings.....	60
Creating/Sending Email.....	61
Opening Received Email.....	61
Browsing the Internet.....	62

Mail Types

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.

Gmail

Google webmail service; synchronize Gmail between handset and Google server automatically.

Email

Exchange Email (POP3/IMAP4) messages on handset.

- Set up an account to use Email.
- Upon Email message retrieval, accounts are synchronized 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:

1

In Home Screen,  (Mail)



 Folder list appears.

2

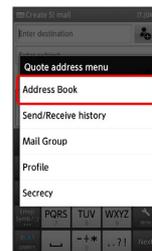
Create



 S! Mail Composition window opens.

3

 Address Book



 Address Book opens.

4

Tap tab  Tap contact

 Contact opens.

- Contacts are sorted by the first character of last name (Read last).

5

Tap mail address (or number)



6

Enter subject → Next → Enter message

7

Send



❏ 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 via sent/received mail records:

1

In Home Screen, (Mail)



❏ Folder list appears.

2

Create → SMS



❏ SMS Composition window opens.

3

→ Send/Receive history

4

Send history or Receive history → Tap number

5

Enter message → Send

❏ SMS is sent.

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

+ Saving without Sending

S! Mail

In S! Mail Composition window, → Save → Save to unsent box → Save as New

SMS

In SMS Composition window,

! Important S! Mail/SMS Transmission Note

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

Receiving & Replying S! Mail/SMS

Handset retrieves S! Mail/SMS messages automatically; set message retrieval to manual or retrieve Server Mail as needed.

Opening New Messages

When message arrives, ringtone sounds and  appears.

-  appears in Unlock window. Drag  to cancel Sleep mode; message list (Inbox) or message window opens. In message list (Inbox), select a message.
- Unread message count () appears above application icon.

1

Tap Status Bar



2

Tap message notification



 Message window opens.

- For multiple new messages, message list (Inbox) appears; select one.

Replying to Messages

To reply from message window, skip ahead to **3**.

1

In Home Screen,  (Mail)



 Folder list appears.

2

Tap folder in Inbox  Tap message



 Message window opens.

3

Reply or **Reply to all**



· Reply to all appears for messages addressed to multiple recipients.

4

Enter message  **Send**

 Message is sent.

+ Retrieving Complete Messages

In message window, **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.

Handling S! Mail/SMS

Opening Messages

To open received messages:

1

In Home Screen,  (Mail)



 Folder list appears.

2

Tap folder in Inbox



 Message list appears.

· Flick left/right to switch message lists.

3

Tap message



 Message window opens.

· Tap  or  to open other messages.

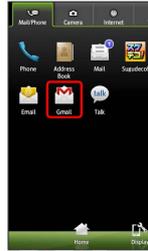
Creating/Sending Gmail

Use Google webmail service. Sign in to a Google Account beforehand.

Creating/Sending Messages

1

In Home Screen,   Mail/Phone  (Gmail)



 Inbox opens.

· If confirmation appears, follow onscreen instructions.

2

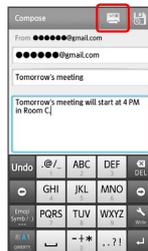
MENU  Compose



 Mail Composition window opens.

3

Complete message  



 Message is sent.

+ Gmail Composition Operations

Adding Cc/Bcc Recipients

In Mail Composition window, **MENU** → **Add Cc/Bcc** → Add recipient

Attaching Files

In Mail Composition window, **MENU** → **Attach** → Select file

· If confirmation appears, follow onscreen instructions.

Saving without Sending

After entering recipient, subject or message text, **Save**

· Message is saved to Drafts.

! Important Gmail Usage Note

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

Opening Received Gmail

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

Opening New Messages

When message arrives, ringtone sounds and **Message** appears.

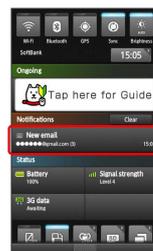
1

Tap Status Bar



2

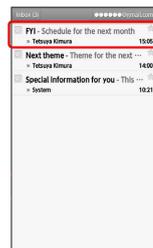
Tap message notification



Message Inbox opens.

3

Tap message



Message Message window opens.

Opening Messages

1

In Home Screen,   Mail/Phone  (Gmail)



 Inbox opens.

2

Tap conversation (subject)



 Message window opens.

+ Replying to Messages

In message window,   Complete message  

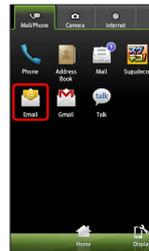
Email Settings

Mail Account Setup

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

1

In Home Screen,   Mail/Phone  (Email)



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

2

Enter mail address and password  Next



· If address requires manual configuration of incoming/outgoing server settings, complete setup manually. (For manual setup, Tap **Manual setup** and proceed.)

3

Enter account name/sender name  Done

 Account setup is complete.

· Sender name appears on outgoing messages.

Creating/Sending Email

Creating/Sending Messages

1

In Home Screen, (Email)

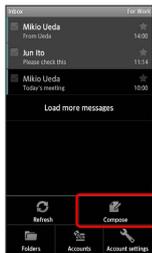


Inbox opens.

- For multiple accounts, Email window opens.

2

MENU



Mail Composition window opens.

3

Complete message



Message is sent.

Opening Received Email

Opening New Messages

When message arrives, ringtone sounds and appears.

1

Tap Status Bar



2

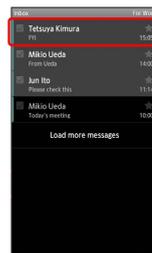
Tap message notification



Inbox opens.

3

Tap message



Message window opens.

Opening Messages

1

In Home Screen,   Mail/Phone  (Email)



 Inbox opens.

· For multiple accounts, Email window opens.

2

Tap message

 Message window opens.

Browsing the Internet

View Internet sites via Browser.

Using Browser

1

In Home Screen,  (Browser)



 Handset connects to the Internet.

- Flick up/down to scroll.
- Internet connection confirmation appears upon Tapping URL within message text; Tap **Yes** to open linked page in Browser.

Saving Bookmarks

1

In Home Screen,  (Browser)



 Handset connects to the Internet.

2

Open target page  MENU  Bookmarks



 Bookmarks opens.

3

Add  Check/edit name/URL  OK



 Current page is saved as a bookmark.

Opening Bookmarks

1

In Home Screen,  (Browser)



 Handset connects to the Internet.

2

MENU  Bookmarks  Tap bookmark

 Corresponding page opens.

Using History

1

In Home Screen,  (Browser)



 Handset connects to the Internet.

2

MENU  More  History  Tap item  Tap record

 Corresponding page opens.

Opening Frequently Visited Pages

1

In Home Screen,  (Browser)



 Handset connects to the Internet.

2

MENU  More  History  Most visited  Tap record

 Corresponding page opens.

Opening Additional Windows

Open another page in a new window and switch between windows.

1

In Home Screen,  (Browser)



 Handset connects to the Internet.

2

MENU  New window



 Current page opens in another window.

· Press MENU and Tap Windows to switch/close windows; open additional windows as needed.

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.

In a page, MENU  Bookmarks  My SoftBank 
Follow onscreen instructions

Entering URLs Directly

In a page, Tap URL entry field  Enter URL  

Searching for Words/Phrases

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

Editing Bookmarks

In a page, MENU  Bookmarks  Touch & Hold bookmark  Edit bookmark  Edit name/URL  OK

Deleting Bookmarks

In a page, MENU  Bookmarks  Touch & Hold bookmark  Delete bookmark  OK

SSL/TLS Caution

When a security notice appears upon opening an Internet page, 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, SHARP Corporation, VeriSign Japan and Cybertrust cannot be held liable for any damages associated with the use of SSL/TLS.

Camera

Photo Camera.....	66
Video Camera.....	67

Photo Camera

Capturing Photos

Capture JPEG images.

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

1

In Home Screen,   Camera  (Camera)



 Photo Viewfinder appears.

- If confirmation appears, follow onscreen instructions.

2

Frame subject on Display



- For people, focus automatically locks on detected face.

3



 Shutter clicks; photo is saved to SD Card.

+ Photo Viewfinder Operations

Adjusting Brightness

In Photo Viewfinder, Drag vertically for Brightness Scale

Adjusting Zoom

In Photo Viewfinder, Drag horizontally for Zoom Slider

Locking Focus

In Photo Viewfinder, Tap focus lock target

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

Opening Captured Photo

After photo capture, Tap preview thumbnail

- Press  to send captured photo via mail or set it as Wallpaper, etc.

Changing Image Size

In Photo Viewfinder,  , etc. (Picture Size)  Tap size

Changing Scene Setting

In Photo Viewfinder,  , etc. (Scene)  Tap scene

Using Self-timer

In Photo Viewfinder,  , etc. (Self-timer)  Tap time

- Tap  ; shutter is released after specified time elapses.

Opening Help

In Photo Viewfinder,    Help

! Important Camera Usage Note

Mind etiquette when using Camera.

Video Camera

Recording Video

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

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

1

In Home Screen,   Camera  (Camera)

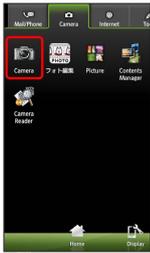


 Photo Viewfinder appears.

- If confirmation appears, follow onscreen instructions.

2



 Video Viewfinder appears.

3

Frame subject on Display 



 Tone sounds and recording starts.

- For people, focus automatically locks on detected face.

4

 to stop

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

+ Video Viewfinder Operations

Adjusting Brightness

In Video Viewfinder, Drag vertically for Brightness Scale

Adjusting Zoom

In Video Viewfinder, Drag horizontally for Zoom Slider

Locking Focus

In Video Viewfinder, Tap focus lock target

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

Playing Recorded Video

After recording, Tap preview thumbnail  Tap video

- Press **MENU** to send recorded video via mail, open video properties, etc.
- If confirmation appears, follow onscreen instructions.

Changing Recording Size

In Video Viewfinder, **HD**, etc. (Picture Size)  Tap size

Changing Scene Setting

In Video Viewfinder, **STD**, etc. (Scene)  Tap scene

Using Self-timer

In Video Viewfinder, , etc. (Self-timer)  Tap time

- Tap ; recording starts after specified time elapses.

Enabling/Disabling Mic

In Video Viewfinder,  (Settings)  **Mic Setting** 
 ON or OFF

Opening Help

In Video Viewfinder, **MENU**  **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

Music.....	70
Still Images & Video.....	70

Music

Playing Music

Supported file formats:

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

1

In Home Screen,   **Music/Movie**  **(MusicPlayer)**

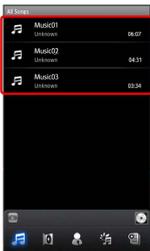


 Library opens.

- MusicPlayer opens in the last-used state.

2

Tap file



 File plays.

Still Images & Video

View still images and videos saved on SD Card.

Opening/Playing Files

Supported file formats:

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

1

In Home Screen,   **Camera**  **(Picture)**



 Folder list appears.

- Picture opens in the last-used state.
- If confirmation appears, follow onscreen instructions.

2

Tap folder



 File list appears.

- Tap **Portrait** , **Event** or **Map** to open files by category.

3

Tap file



 File opens/plays.

- Tap  for slideshow. (If hidden, Tap Display for  .)
- Press  to stop.
- For video playback, Tap file again. (If confirmation appears, follow onscreen instructions.)

Connectivity

Connecting to Wi-Fi.....	74
Using Bluetooth®.....	77

Connecting to Wi-Fi

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

Connecting Selected Access Points

1

In Home Screen, **MENU** → **Settings** → **Wireless & networks**



2

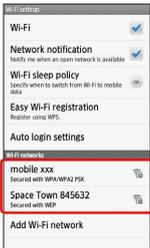
Wi-Fi settings

Wi-Fi settings opens.

· If disabled (), Tap **Wi-Fi** to enable it ().

3

Tap access point



4

Tap Password field → Enter password



· 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.

5

Connect

Connection is established.

· Password entry omitted for some access points.

Registering Private Access Points

SoftBank 103SH supports WPS standard, which automatically configures settings for easy Wi-Fi network access upon establishing a connection on handset.

1

In Home Screen, **MENU** → **Settings** → **Wireless & networks**



2

Wi-Fi settings

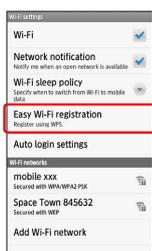


Wi-Fi settings opens.

- If disabled (), Tap **Wi-Fi** to enable it ().

3

Easy Wi-Fi registration



Easy Wi-Fi registration opens.

4

WPS method



- Enter PIN that appears on Display into the access point.

5

Start

 Access point registration starts.

- Follow onscreen instructions.
- Connection is established automatically thereafter.

Using Public Wireless LAN Services

To connect to BB mobilepoint:

- To use public wireless LAN services, subscription with the corresponding ISP, etc. is required.

1

In Home Screen, **MENU** → **Settings** → **Wireless & networks**



2

Wi-Fi settings

Wi-Fi settings opens.

- If disabled (), Tap **Wi-Fi** to enable it ().

3

Auto login settings



Public wireless LAN account settings opens.

4

BB MOBILE POINT



BB MOBILE POINT opens.

5

ON or **OFF**

6

Tap Login ID field → Enter login ID

7

Tap Password field → Enter password → **Done**



8

OK

Handset is ready for connection to public wireless LAN services.

- If confirmation appears, follow onscreen instructions.
- When Auto-login is set to ON, handset connects to BB mobilepoint automatically in the service range.
- Connection to some public wireless LAN services may not be possible. Additional charges may apply depending on service area.

+ Wi-Fi Operations

Connecting Access Points Manually

In Wi-Fi settings, **Add Wi-Fi network** → Tap Network SSID field → Enter Network SSID → **Done** →  → 

Tap security protocol → **Save**

- Selected security protocol may require other fields to be completed.

Dismissing Access Points

In Wi-Fi settings, Tap connected access point → **Forget**

Disconnecting Access Points

In Wi-Fi settings, Touch & Hold access point → **Forget**

network → **Yes**

? Troubleshooting

Q. Cannot detect access points

A. There may be multiple access points nearby sharing the same channel. In this instance, handset may not detect access points correctly.

Using Bluetooth®

Wirelessly transfer files/data between handset and compatible devices (handsfree devices, etc.).

Activating Bluetooth®

1

In Home Screen, **MENU** → **Settings** → **Wireless & networks**



2

Bluetooth



 Bluetooth® activates.

- Tap **Bluetooth** to toggle on ()/off ().

Device Search & Pairing

Pair nearby Bluetooth® devices with handset to transfer files.

- Activate Bluetooth® and make devices discoverable first.

1

In Home Screen, **MENU** → **Settings** → **Wireless & networks**



2

Bluetooth settings



 Bluetooth settings opens; found devices are listed.

- If target device is not found, Tap **Scan for devices** to retry.

3

Tap device → Follow onscreen instructions

 Pairing completes; handset connects to handsfree devices, etc. automatically.

- Pairing procedure varies by device.

Connecting Paired Handsfree Devices, Etc.

1

In Home Screen, **MENU** → **Settings** → **Wireless & networks**



2

Bluetooth settings



 Bluetooth settings opens.

3

Tap device

 The device is connected.

Accepting Connection Request

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

Unpairing Devices

In Bluetooth settings, Touch & Hold device → **Unpair**
(or **Disconnect & unpair**)

Disconnecting Handsfree Devices, Etc.

In Bluetooth settings, Tap device → **OK**

Allowing Other Devices to Detect Handset

In Bluetooth settings, **Discoverable** ()

- Discoverable turns off automatically after a certain period of time.
- To change Discoverable timeout time, in **Wireless & networks**, Tap **Bluetooth settings** → **Discoverable timeout**.

Accepting Connection Requests while Connected to a Device

In Bluetooth settings, **Detailed Bluetooth Settings** → **Multiple connect standby** → **ON**

- If Discoverable is on (), handset receives files regardless of the setting above.

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

When file reception request arrives,  appears. To receive files:

In Home Screen, etc., Tap Status Bar → Tap notification → **Accept** → After receiving files, Tap Status Bar → Tap notification → Tap file (.vcf) → **Register of data** → Enter Handset Code → **OK** → Tap option

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

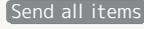
Sending Single Files (e.g., Address Book)

In Home Screen,  → **Mail/Phone** →  (Address Book) → Touch & Hold contact → **Send by Bluetooth** → **Yes** (**Yes** or **No** if portrait is saved) → Tap device

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

In Home Screen,  → **Mail/Phone** →  (Address Book) → **MENU** → **Send** → **Send by Bluetooth** → **Select and send** → Tap contacts () → **Send** → **Yes** (**Yes** or **No** if portrait is saved) → Tap device

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

In Home Screen,   (Address Book)      (Yes or No if portrait is saved)   

? Troubleshooting

Q. Cannot use Bluetooth®

A. Offline mode may be active. Cancel it to use Bluetooth® functions.

! 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 Roaming.....	82
Calling from Outside Japan.....	83

Global Roaming

SoftBank 103SH is Global Roaming Service eligible. Use the same handset number outside Japan.

Switching Network Services

Handset connects to 3G Network automatically by default. To change setting according to Network service provided by target network operator outside Japan:

- Use default Network service setting in Japan or other 3G Network areas.

1

In Home Screen, **MENU** → **Settings** → **Wireless & networks**



2

Mobile networks → **3G/GSM settings**



3G/GSM settings opens.

3

Manual → **3G/GSM** , **3G** or **GSM**



Network service is set.

- To switch Network services automatically, Tap **Auto** .

Selecting a Network Operator

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

1

In Home Screen, **MENU** → **Settings** → **Wireless & networks**



2

Mobile networks → **Network operators**



3

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 with you while traveling abroad.

Calling Japan

1

In Home Screen,  (Phone)



 Onscreen dialpad appears.

- When incoming/outgoing call history opens, Tap **Phone** . If missed call window appears, Press  to return to Home Screen and start over.

2

Use onscreen dialpad to enter number  **Call**

 Roaming assistant appears.

- Do not add + before the number.

3

Japan number



 Handset dials the number.

Calling Landlines & Mobiles within the Same Country

1

In Home Screen,  (Phone)



 Onscreen dialpad appears.

- When incoming/outgoing call history opens, Tap **Phone** . If missed call window appears, Press  to return to Home Screen and start over.

2

Use onscreen dialpad to enter number  **Call**

 Roaming assistant appears.

- Do not add + before the number.

3

Stay country number



 Handset dials the number.

Calling Countries aside from Japan

1

In Home Screen,  (Phone)



 Onscreen dialpad appears.

- When incoming/outgoing call history opens, Tap **Phone** . If missed call window appears, Press  to return to Home Screen and start over.

2

Use onscreen dialpad to enter number  **Call**

 Roaming assistant appears.

- Do not add + before the number.

3

Other country number



 Country code list appears.

4

Tap country



 Handset dials the number.

- When calling SoftBank handsets, always Tap **日本(JPN)** in country code list.

+ International Call Operations

Changing Country Codes

In Home Screen, **MENU**  **Settings**  **Call settings**  **Int'l call settings**  **User List**  Tap country/area  **Change by list**  Tap country/area  **Register**

- Tap **Entry direct** to enter country name and code directly.

Deleting Country Codes

In Home Screen, **MENU**  **Settings**  **Call settings**  **Int'l call settings**  **User List**  Tap country/area  **Delete from list**

Enabling/Disabling Abroad Assistant

In Home Screen, **MENU**  **Settings**  **Call settings**  **Int'l call settings**  **Abroad assistant**

- Tap **Abroad assistant** to toggle Enable () and Disable ().

Settings

Wireless & Network Settings.....	86
Sound Settings.....	88
Application Settings.....	89
Accounts & Sync Settings.....	90
Privacy Setting.....	91
Language & Keyboard Settings.....	91
Date & Time Settings.....	93
About Phone.....	93

Wireless & Network Settings

Wireless & Network Settings

+ Offline Mode

Disabling/Enabling All Wireless Connections

In Home Screen, **MENU** → **Settings** → **Wireless & networks** → **Offline mode**

- Tap **Offline mode** to toggle on ()/off ().

+ Wi-Fi

Enabling/Disabling Wi-Fi

In Home Screen, **MENU** → **Settings** → **Wireless & networks** → **Wi-Fi**

- Tap **Wi-Fi** to toggle on ()/off ().
- Disable Wi-Fi to extend battery time.

+ Wi-Fi Settings

Enabling/Disabling Available Network Notifications

In Home Screen, **MENU** → **Settings** → **Wireless & networks** → **Wi-Fi settings** → **Network notification**

- Available when Wi-Fi is on ().
- Tap **Network notification** to toggle on ()/off ().

Selecting a Wi-Fi Sleep Option

In Home Screen, **MENU** → **Settings** → **Wireless & networks** → **Wi-Fi settings** → **Wi-Fi sleep policy** → Tap option

Enabling/Disabling Auto-login in Public WLAN Service Areas

In Home Screen, **MENU** → **Settings** → **Wireless & networks** → **Wi-Fi settings** → **Auto login settings** → Tap service → **Auto-login** **ON** or **OFF** → Tap Login ID field → Enter ID → Tap Password field → Enter password → **Done** → **OK**

- Available when Wi-Fi is on ().
- Setup procedure varies by ISP/contract terms.
- If confirmation appears, follow onscreen instructions.

+ Home Network Settings

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

In Home Screen, **MENU** → **Settings** → **Wireless & networks** → **Home network settings** → **Wi-Fi for home NW server** → Tap access point

- Available when Home network server is off ().
- If confirmation appears, follow onscreen instructions.

Enabling/Disabling DLNA Device Media File Sharing

In Home Screen, **MENU** → **Settings** → **Wireless & networks** → **Home network settings** → **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.

Saving a Name that Appears on DLNA Devices

In Home Screen, **MENU** → **Settings** → **Wireless & networks** → **Home network settings** → **Home network server name** → Tap entry field → Enter name → **Done** → **OK**

+ Bluetooth

Activating/Canceling Bluetooth®

In Home Screen, **MENU** → **Settings** → **Wireless & networks** → **Bluetooth**

- Tap **Bluetooth** to toggle on ()/off ().
- Disable Bluetooth to extend battery time.

+ Bluetooth Settings

Connecting to Bluetooth® Devices by Service

In Home Screen, **MENU** → **Settings** → **Wireless & networks** → **Bluetooth settings** → Touch & Hold device → **Options...** → Tap item → **Connect**

- Available for compatible devices only.

Changing Handset Name that Appears on Other Devices

In Home Screen, **MENU** → **Settings** → **Wireless & networks** → **Bluetooth settings** → **Device name** → Enter name → **OK**

- Pictograms and line breaks are not supported.

Changing Discoverable Timeout Time

In Home Screen, **MENU** → **Settings** → **Wireless & networks** → **Bluetooth settings** → **Discoverable timeout** → Tap item

- Available when Discoverable is on ().
- When Discoverable timeout is set to Never, handset is discoverable until Discoverable is disabled ().

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

In Home Screen, **MENU** → **Settings** → **Wireless & networks** → **Bluetooth settings** → **Detailed Bluetooth Settings** → **Handsfree setting** → Tap option

+ VPN Settings

Adding Virtual Private Networks (VPNs)

In Home Screen, **MENU** → **Settings** → **Wireless & networks** → **VPN settings** → **Add VPN** → Tap item
→ Complete setting

- Tap a VPN to connect/disconnect it. Touch & Hold one to edit/delete it.

+ Mobile Networks

Enabling/Disabling Mobile Data Transmissions

In Home Screen, **MENU** → **Settings** → **Wireless & networks** → **Mobile networks** → **Data transmission**

- Tap **Data transmission** to toggle on ()/off ().

Enabling/Disabling Data Roaming

In Home Screen, **MENU** → **Settings** → **Wireless & networks** → **Mobile networks** → **Data roaming**

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

Adding Access Points

In Home Screen, **MENU** → **Settings** → **Wireless & networks** → **Mobile networks** → **Access Point Names**
→ **MENU** → **New APN** → Tap item → Complete setting → **Done** → **OK** → **MENU** → **Save**

Restoring Default Settings

In Home Screen, **MENU** → **Settings** → **Wireless & networks** → **Mobile networks** → **Access Point Names**
→ **MENU** → **Reset to default**

Switching between 3G and GSM Networks Automatically

In Home Screen, **MENU** → **Settings** → **Wireless & networks** → **Mobile networks** → **3G/GSM settings**
→ **Auto**

Switching between 3G and GSM Networks Manually

In Home Screen, **MENU** → **Settings** → **Wireless & networks** → **Mobile networks** → **3G/GSM settings**
→ **Manual** → Tap Network

Selecting a Network Operator

In Home Screen, **MENU** → **Settings** → **Wireless & networks** → **Mobile networks** → **Network operators**
→ **Select automatically** (or Tap operator directly)

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

Sound Settings

Sound Settings

+ Manner Mode

Activating Manner Mode

In Home Screen, **MENU** → **Settings** → **Sound settings**
 → **Manner mode** → Tap option

+ Phone Vibe

Enabling/Disabling Vibration

In Home Screen, **MENU** → **Settings** → **Sound settings**
 → **Phone vibe**

· Tap **Phone vibe** to toggle on ()/off ().

+ Volume

Setting Handset Volume

In Home Screen, **MENU** → **Settings** → **Sound settings**
 → **Volume** → Drag slider to adjust Volume → **OK**

· To apply ringtone volume level to notification sound, Tap **Use incoming call volume for notifications** .

+ Earphone Type

Setting Headphone Type

In Home Screen, **MENU** → **Settings** → **Sound settings**
 → **Earphone type** → Tap option → **OK**

+ Melody

Setting Incoming Ringtone

In Home Screen, **MENU** → **Settings** → **Sound settings**
 → **Melody** → Tap tone/file → **OK**

+ Vibrator Pattern

Changing Vibration Pattern

In Home Screen, **MENU** → **Settings** → **Sound settings**
 → **Vibrator Pattern** → Tap pattern → **OK**

+ Incoming Lamp

Setting Incoming Illumination

In Home Screen, **MENU** → **Settings** → **Sound settings**
 → **Incoming lamp** → **Blinking pattern** or **Blinking color** → Tap item → **OK**

+ Notification Sound

Changing Notification Sound

In Home Screen, **MENU** → **Settings** → **Sound settings**
 → **Notification sound** → Tap tone/file → **OK**

· Sound plays upon Tapping a tone/file.

+ Ring Duration

Changing Duration for Notification Sound

In Home Screen, **MENU** → **Settings** → **Sound settings**
 → **Ring duration** → **Ring time setting** → Select time → **OK**

· For **Ring single song** , selected tone/file plays until it ends.

+ Pulse Notification Light

Enabling/Disabling Notification Lamp for Notifications

In Home Screen, **MENU** → **Settings** → **Sound settings**
 → **Pulse notification light**

· Tap **Pulse notification light** to toggle on ()/off ().

· Disable Pulse notification light to extend battery time.

+ Audible Touch Tones

Enabling/Disabling Onscreen Dialpad Tones

In Home Screen, **MENU** → **Settings** → **Sound settings**
 → **Audible touch tones**

· Tap **Audible touch tones** to toggle on ()/off ().

· Disable Audible touch tones to extend battery time.

+ Audible Selection

Enabling/Disabling Tap Sounds

In Home Screen, **MENU** → **Settings** → **Sound settings** → **Audible selection**

- Tap **Audible selection** to toggle on ()/off ().
- Disable Audible selection to extend battery time.

+ Screen Lock Sounds

Enabling/Disabling Lock/Unlock Sounds for Sleep Mode

In Home Screen, **MENU** → **Settings** → **Sound settings** → **Screen lock sounds**

- Tap **Screen lock sounds** to toggle on ()/off ().
- Disable Screen lock sounds to extend battery time.

+ Haptic Feedback

Enabling/Disabling Key Tap Vibration

In Home Screen, **MENU** → **Settings** → **Sound settings** → **Haptic feedback**

- Tap **Haptic feedback** to toggle on ()/off ().
- Disable Haptic feedback to extend battery time.

Application Settings

Application Settings

+ Unknown Sources

Enabling/Disabling Installation of Non-Android Market Applications

In Home Screen, **MENU** → **Settings** → **Applications** → **Unknown sources**

- Tap **Unknown sources** to toggle on ()/off ().
- If confirmation appears, follow onscreen instructions.

+ Preferred Install Location

Setting Install Location

In Home Screen, **MENU** → **Settings** → **Applications** → **Preferred install location** → Tap option

+ File Transfer Mail Software

Setting Default Mailer for Sending Attachments

In Home Screen, **MENU** → **Settings** → **Applications** → **File transfer mail software** → **Set the mail software** → Tap item

- Disable Set the mail software () to select a mailer upon attaching a file.

+ Home Applications

Changing Home Application

In Home Screen, **MENU** → **Settings** → **Applications** → **Home applications** → Tap item

- Download Home applications via Android Market, etc. beforehand.

+ Manage Applications

Opening Application Properties

In Home Screen, **MENU** → **Settings** → **Applications** → **Manage applications** → Tap application

- Confirm version/memory usage, uninstall/force-stop application, etc.

+ Running Services

Opening List of Active Services

In Home Screen, **MENU** → **Settings** → **Applications** →

Running services

- To stop active service, Tap one then Tap **Stop**.
- If confirmation appears, follow onscreen instructions.

+ Storage Use

Confirming Application Storage Status

In Home Screen, **MENU** → **Settings** → **Applications** →

Storage use

+ Battery Use

Confirming Battery Status

In Home Screen, **MENU** → **Settings** → **Applications** →

Battery use → Tap item

- For some items, related function/setting name (e.g., Display settings for Display) appears in details window; Tap it for settings.

+ Development

Enabling/Disabling Debug Mode upon USB Connection

In Home Screen, **MENU** → **Settings** → **Applications** →

Development → **USB debugging**

- Tap **USB debugging** to toggle on ()/off ().
- If confirmation appears, follow onscreen instructions.

Enabling/Disabling Sleep Mode while Charging

In Home Screen, **MENU** → **Settings** → **Applications** →

Development → **Stay awake**

- Tap **Stay awake** to toggle on ()/off ().

Enabling/Disabling Mock Locations

In Home Screen, **MENU** → **Settings** → **Applications** →

Development → **Allow mock locations**

- Tap **Allow mock locations** to toggle on ()/off ().

Accounts & Sync Settings

Accounts & Sync Settings

+ Background Data

Enabling/Disabling Automatic Application Data Transmission in Background

In Home Screen, **MENU** → **Settings** → **Accounts &**

sync → **Background data**

- Tap **Background data** to toggle on ()/off ().
- If confirmation appears, follow onscreen instructions.
- When Background data is enabled, inactive applications are also ready for automatic data transmission.
- Disable Background data to extend battery time.

+ Auto-sync

Setting Automatic Application Sync

In Home Screen, **MENU** → **Settings** → **Accounts &**

sync → **Auto-sync**

- Tap **Auto-sync** to toggle on ()/off ().
- Available when Background data is on ().
- Disable Auto-sync to extend battery time.

+ Add Account

Adding Accounts

In Home Screen, **MENU** → **Settings** → **Accounts &**

sync → **Add account** → Tap item → Follow onscreen instructions

Privacy Setting

Privacy Setting

+ Reset All

Deleting All Handset Files

In Home Screen, **MENU** → **Settings** → **Privacy** → **Reset all** → Enter Handset Code → **OK** → Read message → **Reset phone** → **Erase everything**

- Handset reboots after Reset all.
- To delete all SD Card files simultaneously, Tap **Erase microSD** before Tapping **Reset phone** .
- Reset all deletes all handset files including some preinstalled applications irreversibly. SD Card files are also deleted if Erase microSD is selected ().
- Always back up important information before performing Reset all. For backup procedure on handset, see "[File Backup \(Handset to SD Card\)](#)."

Language & Keyboard Settings

Language & Keyboard Settings

+ Select Language

Selecting Handset Interface Language

In Home Screen, **MENU** → **Settings** → **Language & keyboard** → **Select language** → Tap option

+ User Dictionary

Saving Words to User Dictionary

In Home Screen, **MENU** → **Settings** → **Language & keyboard** → **User dictionary** → **MENU** → **Add** → Enter word → **OK**

- Tap a saved word to edit/delete it.

+ iWnn IME - SH edition

Enabling/Disabling Key Tap Sound

In Home Screen, **MENU** → **Settings** → **Language & keyboard** → **iWnn IME - SH edition** → **Sound on key press**

- Tap **Sound on key press** to toggle on ()/off ().

Enabling/Disabling Key Tap Vibration

In Home Screen, **MENU** → **Settings** → **Language & keyboard** → **iWnn IME - SH edition** → **Vibrate on key press**

- Tap **Vibrate on key press** to toggle on ()/off ().

Enabling/Disabling Key Preview (Flick Input Guidance)

In Home Screen, **MENU** → **Settings** → **Language & keyboard** → **iWnn IME - SH edition** → **Key input guide**

- Tap **Key input guide** to toggle on ()/off ().

Selecting a Keyboard Skin

In Home Screen, **MENU** → **Settings** → **Language & keyboard** → **iWnn IME - SH edition** → **Keyboard image** → Tap option

Enabling/Disabling Flick Input

In Home Screen, **MENU** → **Settings** → **Language & keyboard** → **iWnn IME - SH edition** → **Flick input**

- Flick Input allows you to Flick key for target character.
- Tap **Flick input** to toggle on ()/off ().
- Enable Key input guide () to use key preview (Flick Input guidance).

Adjusting Flick Input Sensitivity

In Home Screen, **MENU** → **Settings** → **Language & keyboard** → **iWnn IME - SH edition** → **Flick sensitivity** → Drag slider to adjust sensitivity → **OK**

Enabling/Disabling Toggle Input while Flick Input is Enabled

In Home Screen, **MENU** → **Settings** → **Language & keyboard** → **iWnn IME - SH edition** → **Toggle input**

- Toggle Input allows you to toggle characters by Tapping keys.
- Tap **Toggle input** to toggle on ()/off ().

Selecting Automatic Cursor Movement Option

In Home Screen, **MENU** → **Settings** → **Language & keyboard** → **iWnn IME - SH edition** → **Auto cursor move** → Tap option

+ Android Keyboard

Enabling/Disabling Key Tap Vibration

In Home Screen, **MENU** → **Settings** → **Language & keyboard** → **Android keyboard** → **Vibrate on keypress**

- Tap **Vibrate on keypress** to toggle on ()/off ().

Enabling/Disabling Key Tap Sound

In Home Screen, **MENU** → **Settings** → **Language & keyboard** → **Android keyboard** → **Sound on keypress**

- Tap **Sound on keypress** to toggle on ()/off ().

Enabling/Disabling Key Preview

In Home Screen, **MENU** → **Settings** → **Language & keyboard** → **Android keyboard** → **Popup on keypress**

- Tap **Popup on keypress** to toggle on ()/off ().

Enabling/Disabling Spelling Correction upon Tapping Letters

In Home Screen, **MENU** → **Settings** → **Language & keyboard** → **Android keyboard** → **Touch to correct words**

- Tap **Touch to correct words** to toggle on ()/off ().

Enabling/Disabling Auto Capitalization for English Typing

In Home Screen, **MENU** → **Settings** → **Language & keyboard** → **Android keyboard** → **Auto-capitalization**

- Tap **Auto-capitalization** to toggle on ()/off ().

Showing/Hiding Input Options Key

In Home Screen, **MENU** → **Settings** → **Language & keyboard** → **Android keyboard** → **Show settings key**

- Tap option

Enabling/Disabling Voice Input

In Home Screen, **MENU** → **Settings** → **Language & keyboard** → **Android keyboard** → **Voice input** →

Tap option

- If confirmation appears, follow onscreen instructions.

Enabling/Disabling Input Language Switching by Dragging on Spacebar

In Home Screen, **MENU** → **Settings** → **Language & keyboard** → **Android keyboard** → **Input languages** →

Tap language

- Tap language to toggle on ()/off ().

Enabling/Disabling Word Suggestions

In Home Screen, **MENU** → **Settings** → **Language & keyboard** → **Android keyboard** → **Show suggestions**

- Tap **Show suggestions** to toggle on ()/off ().

Date & Time Settings

Date & Time Settings

+ Automatic

Setting Date Automatically

In Home Screen, **MENU** → **Settings** → **Date & time** → **Automatic**

· Tap **Automatic** to toggle on ()/off ().

+ Set Date

Setting Date Manually

In Home Screen, **MENU** → **Settings** → **Date & time** → **Set date** → **Select date** → **Set**

· Available when Automatic is off ().

+ Select Time Zone

Setting Time Zone Manually

In Home Screen, **MENU** → **Settings** → **Date & time** → **Select time zone** → Tap country/area

· Available when Automatic is off ().

+ Set Time

Setting Time Manually

In Home Screen, **MENU** → **Settings** → **Date & time** → **Set time** → **Select time** → **Set**

· Available when Automatic is off ().

+ Use 24-hour Format

Enabling/Disabling 24-hour Format

In Home Screen, **MENU** → **Settings** → **Date & time** → **Use 24-hour format**

· Tap **Use 24-hour format** to toggle on ()/off ().

+ Select Date Format

Changing Date Format

In Home Screen, **MENU** → **Settings** → **Date & time** → **Select date format** → Tap option

About Phone

About Phone

+ Status

Confirming Handset Status

In Home Screen, **MENU** → **Settings** → **About phone** → **Status**

+ Battery Use

Confirming Battery Status/Usage Time

In Home Screen, **MENU** → **Settings** → **About phone** → **Battery use** → Tap item

· For some items, related function/setting name (e.g., Display settings for Display) appears in details window; Tap it for settings.

+ Adjust Touch Panel

Calibrating Touch Panel

In Home Screen, **MENU** → **Settings** → **About phone** → **Adjust touch panel** → Follow onscreen instructions

+ Adjust Sensitivity of Sensor

Calibrating Motion & Electromagnetic Sensors

In Home Screen, **MENU** → **Settings** → **About phone** → **Adjust sensitivity of sensor** → **OK** → Follow onscreen instructions (tone sounds when calibration completes) → **OK**

+ Software Update

Confirming Firmware Updates & Downloading as Required

In Home Screen, **MENU** → **Settings** → **About phone** → **Software update** → **Software update** → **Execute** → Follow onscreen instructions

· See "[Software Update](#)" beforehand.

Enabling/Disabling Automatic Updates

In Home Screen, **MENU** → **Settings** → **About phone** → **Software update** → **Auto update settings** → **Update automatically** or **Do not update automatically**

Changing Automatic Update Start Time

In Home Screen, **MENU** → **Settings** → **About phone**
 → **Software update** → **Update time settings** →
 Select time → **Set**

+ PC Update

Checking for a New Version of Android Operating System Manually

In Home Screen, **MENU** → **Settings** → **About phone**
 → **PC Update** → **Confirm update** → Follow onscreen instructions

Upgrading Android Operating System

In Home Screen, **MENU** → **Settings** → **About phone**
 → **PC Update** → **Start update** → Follow onscreen instructions

· Available when a new version of Android operating system is released.

+ Legal Information

Reading Copyright, Usage Terms, Etc.

In Home Screen, **MENU** → **Settings** → **About phone**
 → **Legal information** → Tap item

+ Technical Regulations Conformity Certification

Opening Technical Regulations Conformity Certification Information (㉞, Etc.)

Handset complies with requirements as stipulated by the Radio Law and Telecommunications Business Law. To confirm Technical Regulations Conformity Certification information (㉞, etc.):

In Home Screen, **MENU** → **Settings** → **About phone**
 → **Technical Regulations Conformity Certification**

+ Model Number

Confirming Model Number

In Home Screen, **MENU** → **Settings** → **About phone**
 · Appears below Model number.

+ Android Version

Confirming Android Operating System Version

In Home Screen, **MENU** → **Settings** → **About phone**
 · Appears below Android version.

+ Baseband Version

Confirming Baseband Version

In Home Screen, **MENU** → **Settings** → **About phone**
 · Appears below Baseband version.

+ Kernel Version

Confirming Kernel Version

In Home Screen, **MENU** → **Settings** → **About phone**
 · Appears below Kernel version.

+ Build Number

Confirming Build Number

In Home Screen, **MENU** → **Settings** → **About phone**
 · Appears below Build number.

Appendix

Specifications.....	96
Customer Service.....	96

Specifications

Handset

Item	Description
Weight	90 g (120 g with Battery) ¹
Continuous Talk Time ²	3G: 510 minutes ¹ GSM: 460 minutes ¹
Continuous Standby Time ³	3G: 640 hours ¹ GSM: 470 hours ¹
Continuous One Seg Reception Time ⁴	7.5 hours ¹
Charging Time ⁵	240 minutes ¹
Size	61 x 123 x 10.4 mm (without protruding parts)
Maximum Output	3G: 0.25 W GSM: 2.0 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 Smooth mode set to ON, using Headphones with Microphone (sold separately), 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 Automatic brightness is disabled and Brightness is set to approximately half of maximum (11 of 21).
- Talk Time/Standby Time/One Seg Reception Time may vary with location, status, settings, etc.
- Display employs precision technology, however, some pixels may remain on/off.

Battery

Item	Description
Voltage	3.7 V
Battery Type	Lithium-ion
Capacity	1,520 mAh
Size (W x H x D)	43.8 x 47.8 x 6.3 mm (without protruding parts) ¹
Materials/Finishing	PC resin/Gold plating

- 1 Approximate value.

Customer Service

For information about SoftBank handsets or services, contact us at the following numbers.

SoftBank Customer Support

General Information

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

Customer Assistance (Repairs/Lost Handsets)

From a SoftBank handset, dial toll free at 113
From a landline/IP phone, dial toll free at 0800-919-0113
If you cannot reach a toll free number, use the number (charges apply) below for your service area:
Hokkaido Area, Tohoku Area, Hokuriku Area, Kanto-Koshinetsu Area: 022-380-4380
Tokai Area: 052-388-2002
Kansai Area: 06-7669-0180
Chugoku-Shikoku Area, Kyushu-Okinawa Area: 092-687-0010

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

Safety Precautions.....	98
Important Product Information.....	104
Handset & Hardware Care.....	106
General Notes.....	107
FCC Notice.....	108
Specific Absorption Rate (SAR).....	109
Water & Dust Resistance.....	110

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
 WARNING	Risk of death or serious injury
 CAUTION	Risk of minor injury or damage to property

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

Symbol	Description
	Prohibited actions
	Disassembly prohibited
	Exposure to liquids prohibited
	Use with wet hands prohibited
	Compulsory actions
	Unplug from outlet

Handset, Battery, USIM Card, Micro USB Cable, Micro USB Charging Adapter, AC Charger (Sold Separately) & SD Card

DANGER



Use specified Battery, Micro USB Cable, Micro USB Charging Adapter and Charger only.

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



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

May cause fire, injury, electric shock or malfunction. Battery may leak, overheat, burst or ignite. Modifying handsets is prohibited by the Radio Law and subject to a penalty.



Do not 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

Prohibited

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.



Compulsory

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).



Prohibited

Do not drop/throw or apply strong impacts.

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



Compulsory

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.



Prohibited

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.



Prohibited

Do not charge Battery while handset is wet.

May cause electric shock or short circuit, resulting in fire, malfunction, etc.



Prohibited

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

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

⚠ CAUTION

Prohibited

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.



Compulsory

Keep handset and related hardware out of infants' reach.

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



Compulsory

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

Misuse may cause injury, etc.

Battery

⚠ DANGER

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

Symbol on Label	Battery Type
Li-ion00	Lithium-ion



Prohibited

Do not dispose of Battery in fire.

Battery may leak, burst, ignite, etc.



Prohibited

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

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



Prohibited

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

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



Compulsory

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

Eyes may be severely damaged.

⚠ WARNING

Compulsory

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

May cause skin damage.



Compulsory

If Battery does not charge properly, stop trying.

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



Compulsory

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

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



Compulsory

Keep Battery away from pets.

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

⚠ CAUTION

Prohibited

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.

Handset

WARNING

Prohibited

Do not use handset while driving or cycling.

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



Compulsory

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

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



Compulsory

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

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



Compulsory

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

May cause heart damage.



Compulsory

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

There is a risk of lightning strike or electric shock.



Prohibited

Do not look into Infrared Port during infrared transmissions.

Eyesight may be affected.

CAUTION

Prohibited

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.



Compulsory

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.



Prohibited

Keep handset away from magnetic cards, etc.

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



Prohibited

Do not swing handset by Strap.

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



Compulsory

Handset may become hot while in use, especially at high temperature.

Prolonged contact with skin may cause burn injuries.



Prohibited

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

Excessive volume may damage ears or hearing.



Compulsory

Watch One Seg from a distance in good light.

Watching in poor light or too close may affect eyesight.



Compulsory

Moderate handset Volume when using Headphones.

Excessive volume may damage ears or hearing.

AC Charger (Sold Separately)

WARNING

Prohibited

Do not cover/wrap Charger while charging.

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



Prohibited

Use only the specified voltage.

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

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

Do not use power adapters. Transformer use may cause fire, electric shock or malfunction.



Disconnect Power Source

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

May cause electric shock, fire or malfunction.



Disconnect Power Source

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

May cause electric shock, smoke or fire.



Compulsory

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

Fire may result.



Compulsory

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

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



Do Not Use Wet Hands

Do not touch plug with wet hands.

May cause electric shock, malfunction, etc.



Prohibited

Do not touch Charger if thunder is audible.

May cause electric shock, etc.



Prohibited

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

May cause fire, electric shock or malfunction.



Prohibited

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

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



Compulsory

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

Disconnect Power Source

Grasp plug to disconnect Charger before cleaning.

May cause electric shock, etc.



Compulsory

Always grasp plug (not cord) to disconnect Charger.

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



Prohibited

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

May cause malfunction or injury.

Micro USB Cable & Micro USB Charging Adapter

CAUTION



Compulsory

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



Compulsory

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

Radio waves may interfere with implanted pacemakers or defibrillators.



Compulsory

If you intend to use electronic medical equipment other than implanted pacemaker/defibrillator outside medical facilities, consult the vendor on radio wave effects.

Radio waves may interfere with electronic medical equipment.



Compulsory

Power off in crowds or trains where persons with implanted pacemaker/defibrillator may be near.

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



Compulsory

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

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

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.
- 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 you take handset abroad for personal use on a vacation or business trip and then bring it back. Export control regulations in the United States provide that an export license granted by the US government is required to carry handset into Cuba, Iran, North Korea, Sudan or Syria.

Camera

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

Function Usage Limits

USIM Card must be inserted to use handset. If the full handset price has been paid, some functions are accessible without USIM Card. For the procedure, contact a SoftBank Shop.

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.
- 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 (131 feet).



■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 will not connect to access points set to other channels.
- Available channels vary by country.
- For use of Wi-Fi aboard aircraft, check with airline beforehand.
- In some countries/regions, such as France, there are restrictions on the use of Wi-Fi. If you intend to use Wi-Fi on handset abroad, confirm the local laws and regulations 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 (32 feet). 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

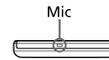
- If handset is left with no Battery inserted or an exhausted one, data may be altered/lost. SoftBank Mobile is not liable for any resulting damages.
- Use handset within 5°C - 35°C (up to 40°C for brief periods in bath/shower rooms, etc.) and 35% - 90% humidity.
- Avoid extreme temperature or direct sunlight.
- Handset/Battery may become warm during operation or while charging. This is normal.
- Warranty does not cover malfunctions resulting from misuse.
- Exposing Lens to direct sunlight may damage Color Filter and affect image color.
- Battery may not charge properly if Port/terminals are obstructed by dust, etc. Clean with dry cloth, cotton swab, etc.
- Clean handset with soft dry cloth. Alcohol/solvent use may fade color/label.
- Avoid scratching Display.
- Avoid heavy objects or excessive pressure. May cause malfunction or injury.
 - Do not sit on handset in back pants pocket.
 - Do not place heavy objects on handset inside handbags, packs, etc.
- Connect only specified products to 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 accidents.
- Avoid covering Speaker while using handset.

Touch Panel

- Touch Panel may not respond in these situations:
 - Use with gloves/long fingernails
 - Use of pens, pencils or sharp objects
 - Use with objects on/against Display
- 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.
- To improve response, calibrate Touch Panel as follows:
 - MENU → Settings → About phone → Adjust touch panel → Follow onscreen instructions
- Press  to activate Sleep mode, then Press  again to cancel it when:
 - Handset operates automatically without touch input
 - Handset does not respond to touch input

Mic

The small opening (bottom) is handset Mic.

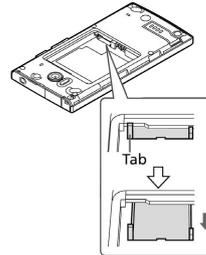


Avoid covering Mic; obstructions may affect Mic sensitivity.

USIM Tray

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

- Use Tab to gently pull USIM Tray straight out until it is about halfway exposed as shown below.



Headphones

Headphones with Microphone (SHLDL1) is available for separate purchase. Other headphone mics may not function properly on SoftBank 103SH.

- Do not subject Headphone Port to strong impacts while using Headphones with Microphone; 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 → Wait a few seconds → Install Battery →  (Long)

Resetting Handset

Reset all deletes all handset files irreversibly. (Some preinstalled applications are also deleted.)

MENU → Settings → Privacy → Reset all → Enter Handset Code → OK → Reset phone → Erase everything

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

Picasa Web Albums Synchronization

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

Using Energy Saving Settings

To extend battery time:

MENU → Settings → Energy saving settings → Waza-ari or Emergency → OK

■ Notes

- If confirmation appears, follow onscreen instructions.
- Use three modes (Normal, Waza-ari and Emergency) as needed.
- For Waza-ari and Emergency, some functions/settings are limited or disabled. Emergency minimizes Brightness and disables Wi-Fi, GPS and some other transmissions.
- Tap **Edit** or **Check** to change/check settings. (Emergency settings are fixed and cannot be changed.)
- Energy save stndby disables some applications that run in the background when Sleep mode is active. (Some applications may not run properly when Sleep mode is active.) In Waza-ari mode, to specify applications to disable/enable:
Edit (next to **Waza-ari**) → ? (next to **Energy save stndby**) → **Advanced** → or (applications with remain active)
- Some applications that establish periodic network connections do not start communication after switching back to Normal from Waza-ari or Emergency. In this case, Long Press **Power**, 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 responsibly.

Copyrights

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

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

Electromagnetic Safety

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

CE Declaration of Conformity

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

Hereby, Sharp Telecommunications of Europe Ltd, declares that 103SH 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/>

CE 0168 

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 0.751 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 use guide**. In this case, the highest tested SAR value is 0.436 W/kg. As SAR is measured utilizing the device's highest transmitting power the actual SAR of this device while operating is typically below that indicated above. This is due to automatic changes to the power level of the device to ensure it only uses the minimum level required to reach the Network. The World Health Organization has stated that present scientific information does not indicate the need for any special precautions for the use of mobile devices. They note that if you want to reduce your exposure then you can do so by limiting the length of calls or using a handsfree device to keep the mobile phone away from the head and body.

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

**Please see "[Electromagnetic Safety](#)" 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 23.0 mV.

FCC Notice

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

(1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

Changes or modifications not expressly approved by the manufacturer responsible for compliance could void the user's authority to operate the equipment.

FCC Information to User

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

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

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

FCC RF Exposure Information

Your handset is a radio transmitter and receiver. It is designed and manufactured not to exceed the emission limits for exposure to radio frequency (RF) energy set by the Federal Communications Commission of the U.S. Government.

The guidelines are based on standards that were developed by independent scientific organizations through periodic and thorough evaluation of scientific studies. The standards include a substantial safety margin designed to assure the safety of all persons, regardless of age and health. The exposure standard for wireless handsets employs a unit of measurement known as the Specific Absorption Rate, or SAR. The SAR limit set by the FCC is 1.6 W/kg.

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 0.613 W/kg, and when worn on the body in a holder or carry case, is 0.598 W/kg.

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/fccid> under the Display Grant section after searching the corresponding FCC ID (APYHRO00161).

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 103SH 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 103SH is 0.615 W/kg. SAR tests were conducted with handset transmitting at its highest certified power level in accordance with testing methods set by the government. While there may be differences between the SAR levels for various handsets, they all meet the governmental requirements for safe exposure. The actual SAR level of the handset while operating can be well below the highest value.

This is because the handset is designed to operate at multiple power levels so as to use only the power required to reach the Network.

Additional information on SAR can be obtained on the following Websites.

Ministry of Internal Affairs and Communications (MIC)

<http://www.tele.soumu.go.jp/e/sys/ele/index.htm>

Association of Radio Industries and Businesses (ARIB)

<http://www.arib-emf.org/> (Japanese)

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

Water & Dust Resistance

Water & Dust Resistance

SoftBank 103SH complies with IPX5 (former JIS protection level 5)¹ and IPX7 (former JIS protection level 7)² water protection standards as well as IP5X (JIS protection level 5)³ dust protection standard, with Port Cover and Battery Cover closed firmly.

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

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

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

- Water/dust resistance may be affected under some circumstances. Warranty does not cover malfunctions resulting from misuse.
- SoftBank 103SH is compliant with IPX5, IPX7 and IP5X water/dust protection standards. However, ingress of dirt, sand, mud, metal powder, food, beverage, etc. may cause malfunction.

■ Important Notes

- Close Battery Cover and Port Cover firmly. Debris (hair, sand, fibers, etc.) trapped between gasket and base may expose handset to liquid/dust.
- If Battery/Port Cover is left open liquid exposure may cause handset malfunction/electric shock. Power off, then remove Battery.
- If handset is wet, wipe it with 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

- SoftBank 103SH 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.
- Rinse off sand, dirt, etc. completely before use; any residue may damage handset causing malfunction.
- Do not soak handset in bath or pool; never use it in water (including opening/closing of handset and key operation).
- Handset is not resistant to water pressure. Avoid high-pressure water/shower (over 6 liters/min.) or water immersion.
- Do not expose handset to extreme humidity for long periods; avoid prolonged use in bath/shower rooms.
- Do not use in saunas. Avoid hot air from dryers, etc.
- Use handset within 5°C - 35°C (up to 40°C for brief periods in bath/shower rooms, etc.) and 35% - 90% humidity.
- Avoid extreme temperature (near stoves, inside refrigerators, etc.).
- Volume may be low when Mic/Earpiece/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 impacts; 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.
- Touch Panel may not respond properly if wet or touched with wet fingers.
- Do not move handset directly from a cold place to a warm humid place; condensation may occur. Should this happen, dry handset naturally at room temperature.
- SoftBank 103SH does not float on water.
- Keep handset out of heavy rain.
- Do not let liquid-exposed handset remain wet; exposure to cold may freeze liquid causing malfunction.
- Damaged Battery/Port Cover affects water/dust resistance; contact a SoftBank Shop.

Charging Precautions

- Battery 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.
 - 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. Customer-requested 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.
- 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

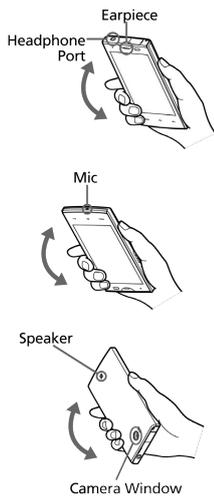
Dry Headphone Port, Earpiece, Mic, Speaker and Camera window when exposed to water.

1

Wipe handset surface with dry cloth

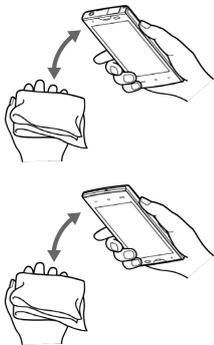
2

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



3

Pat against dry cloth to remove moisture from grooves



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

4

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

! Important

Do not use wet handset.

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

103SH User Guide Index

A

About Phone.....	93
About USIM Card.....	7
Accounts & Sync Settings.....	90
Android Market™.....	28
Applications.....	21
Application Settings.....	89

B

Battery Installation.....	13
Browsing the Internet.....	62

C

Calling from Outside Japan.....	83
Charging Battery.....	15
Connecting to Wi-Fi.....	74
Creating/Sending Email.....	61
Creating/Sending Gmail.....	58
Customer Service.....	96
Customizing Home Screen.....	39

D

Date & Time Settings.....	93
---------------------------	----

E

Email Settings.....	60
---------------------	----

F

FCC Notice.....	108
File Backup.....	32

G

General Notes.....	107
Global Roaming.....	82

H

Handling S! Mail/SMS.....	58
Handset & Hardware Care.....	106
Handset Interface.....	20
Handset Power On/Off.....	16
Home Screen Basics.....	36

I

Important Product Information.....	104
Introduction.....	3

L

Language & Keyboard Settings.....	91
Launcher Basics.....	36

M

Mail Types.....	54
Manner Mode & Offline Mode.....	24
Music.....	70
My Phone Number.....	23

N

Notifications Window.....	39
---------------------------	----

O

Opening Received Email.....	61
Opening Received Gmail.....	59
Optional Services.....	45

P

Package Contents.....	6
Parts & Functions.....	6
Photo Camera.....	66
Placing/Answering Calls.....	44
Privacy Setting.....	91

R

Receiving & Replying S! Mail/SMS.....	56
---------------------------------------	----

S

Safety Precautions.....	98
SD Card.....	9
Security Codes.....	30
Sending S! Mail/SMS.....	54
Sleep Mode.....	32
Software Update.....	33
Sound Settings.....	88
Specific Absorption Rate (SAR).....	109
Specifications.....	96
Status Bar.....	38
Still Images & Video.....	70

T

Text Entry.....	24
-----------------	----

U

USIM PIN.....	31
Using Address Book.....	50

Using Bluetooth®.....	77
Using Google Accounts.....	26
Using Touch Panel.....	17

V

Video Camera.....	67
-------------------	----

W

Water & Dust Resistance.....	110
Wireless & Network Settings.....	86

SoftBank 103SH User Guide

February 2012, First Edition
SOFTBANK MOBILE Corp.

Visit [SoftBank Shop](#) for assistance

Model : SoftBank 103SH
Manufacturer : SHARP CORPORATION