



205SH User Guide

205SH User Guide Contents

Introduction	
Introduction.....	3
Getting Started	
Package Contents.....	6
Parts & Functions.....	6
USIM Card Installation.....	8
SD Card.....	9
Charging Handset.....	13
Power On/Off.....	14
Touchscreen Operations.....	15
Basic Operations	
Basic Operations.....	18
Applications.....	20
Handset Phone Number.....	20
Mobile Manners.....	21
Text Entry.....	21
Google™ Accounts.....	24
Google Play™.....	26
Security Codes.....	27
USIM PIN.....	28
Screen Lock.....	29
Software Updates.....	30
Measuring Radiation.....	31
Handset Interface	
Welcome Sheet (Lock Screen) Basics.....	34
3-Line Home Basics.....	35
Status Bar.....	36
Notifications Window.....	37
Using Application Usage History.....	38
Customizing 3-Line Home.....	39
Phone	
Calling.....	44
Optional Services.....	45
Address Book.....	50
Messaging & Browser	
Messaging.....	52
Sending S! Mail/SMS.....	52
Opening & Replying to S! Mail/SMS.....	54
Opening Received S! Mail/SMS.....	56
Creating/Sending Gmail.....	56
Opening Received Gmail.....	57
Using Internet Mail.....	58
Web Browsing (Browser).....	60
Camera	
Photo Camera.....	66
Video Camera.....	67
Music & Images	
Music & Images.....	70

Music Files (Music).....	70
Still Images & Video (Album).....	71

Connectivity

Wi-Fi.....	74
Tethering Option.....	76
Bluetooth®.....	77

Global Services

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

Settings

About Settings.....	88
Sound Settings.....	89
Wallpaper & Display Settings.....	91
Quick Start Key Settings.....	92
Device Info.....	92
Add Account.....	93
Wi-Fi Settings.....	94
Home Applications Setting.....	94
Storage Settings.....	95
Application Settings.....	96
Other Settings.....	96

Appendix

Specifications.....	108
Customer Service.....	109

Safety Precautions

Safety Precautions.....	112
Important Product Information.....	117
Handset & Hardware Care.....	119
General Notes.....	121
FCC Notice.....	122
RF Exposure Information/Specific Absorption Rate* (SAR) Information.....	123
Water Resistance.....	124

Introduction

Thank you for purchasing SoftBank 205SH.

Before You Begin

- SoftBank 205SH is referred to as "handset" in this guide.
- Read "Quick Tips" (in お問い合わせ) and this guide thoroughly beforehand for proper usage.
- Accessible services may be limited by contract conditions.
- Unauthorized copying of any part of this guide is prohibited.
- Guide content subject to change without prior notice.
- SoftBank 205SH is compatible with 4G and 3G network technologies.
 - "SoftBank 4G" is used as a service name based on the statement by the International Telecommunication Union (ITU) indicating that mobile communications systems for 3.5G and beyond can also be considered "4G."

Guide Usage Notes

- Most operation descriptions are based on default settings.
- Unless noted otherwise, descriptions are for application sheet in 3-Line Home.
- "Confirmation" refers to authentication prompt, selection, caution or other message that appears after operation.
- 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/microSDXC Card is referred to as "SD Card."

Screenshots & Key Labels

Screenshots and key labels are provided for reference only. Actual handset windows, menus, etc. may differ in appearance.

Accessing Functions Guide

Access this Functions Guide via Guide indicator on Status Bar. Guide indicator appears on Status Bar by default. To hide Guide indicator:

Drag Status Bar down → Tap here for Guide →  → 
 Indicator → off → Back

Guide usage information and confirmation for automatic updates appear at initial startup. Follow onscreen prompts.

Getting Started

Package Contents.....	6
Parts & Functions.....	6
USIM Card Installation.....	8
SD Card.....	9
Charging Handset.....	13
Power On/Off.....	14
Touchscreen Operations.....	15

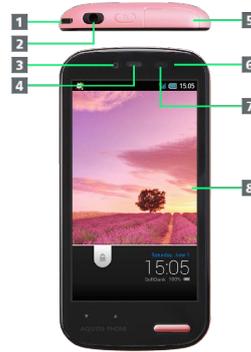
Package Contents

Package Contents

- Handset (SoftBank 205SH)
 - Battery is built into handset.
 - Handset back cover is not removable.
- SD/USIM Card Insertion/Removal Tool (complimentary sample)
- AC Charger (SHCEJ1)
- クイックスタート (Japanese)
- お願いとご注意 (Japanese) with English "Quick Tips"
- Warranties (Japanese) for handset and AC Charger
- microSD Card (complimentary sample, preinstalled)

Parts & Functions

Handset Parts



Name	Description
1 Strap Eyelet	Attach Straps here.
2 Headphone Port	Connect Headphones with Mic (optional accessories) here.
3 Internal Camera	Shoot photos or videos.
4 Earpiece	Hear other party's voice through this.
5 SD/USIM Card Slot	Access USIM Card and SD Card.
6 Notification Lamp	Illuminates while charging or for notifications (missed calls, new messages, etc.).
7 Proximity/Light Sensor	Detects ambient light level and prevents Touchscreen misoperation during call.
8 Display	Touch Display to select menu items, open functions, scroll pages, etc.



Name	Description
1 Pressure Vent	Helps maintain handset performance. Do not place a sticker, label, etc.
2 External Camera	Shoot photos or videos.
3 Infrared Port	Transfer files using Infrared.
4 Mic	Talk to other party through this.
5 External Device Port	Connect AC Charger or Micro USB Cable here.
6 Speaker	Listen to music, video/One Seg audio, etc. through this.
7 Mobile Light	Use as a flashlight or camera flash.
8 FeliCa Logo	Place over reader/writer to use Osaifu-Keitai®.

Handset Keys



Name	Description
1  (Power Key)	Activate/cancel Screen lock. Long Press for power on/off or phone options.
2  (Volume Down Key)	Decrease Volume. In Welcome sheet (lock screen) or 3-Line Home, Touch & Hold to activate/cancel Silent mode.
3  (Volume Up Key)	Increase Volume. In Welcome sheet (lock screen), Touch & Hold to turn on Mobile Light ¹ .
4  (Quick Start Key)	Activate Camera ² . Cancel Screen lock (when Display is completely dark). In Welcome sheet (lock screen), turn off Display. Long Press to activate Mail ² .

- 1 To turn off, Tap Display.
- 2 Change assigned function as needed.

USIM Card Installation

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

SD/USIM Card Insertion/Removal Tool

There are two inscriptions (one for USIM and one for SD) on included SD/USIM Card Insertion/Removal Tool (hereafter "Insertion/Removal Tool"). Align the USIM side over the back of handset.

- Always use included Insertion/Removal Tool for USIM Card installation. Using other devices may damage handset and USIM Card. Take care not to lose Insertion/Removal Tool.



Inserting USIM Card

Always power off beforehand.

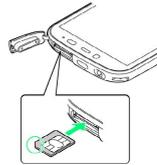
1

Open Card Slot Cover



2

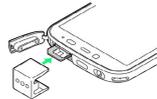
Insert USIM Card into USIM Card Slot (bottom opening)



- Check orientation of USIM Card (see the notch), then insert it with metal contacts facing up.

3

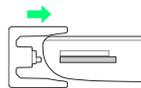
Align Insertion/Removal Tool with Card Slot, with the USIM side (USIM挿抜時：この面が背面側) facing down



- Take care not to get Card Slot Cover caught between handset and Insertion/Removal Tool.

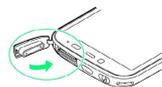
4

Gently push in Insertion/Removal Tool until it clicks



5

Close Card Slot Cover



- Close Card Slot Cover firmly. Debris trapped between gasket and base may expose handset to liquid.

Removing USIM Card

Always power off beforehand.

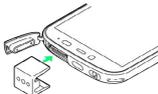
1

Open Card Slot Cover



2

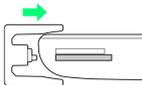
Align Insertion/Removal Tool with Card Slot, with the USIM side (USIM挿抜時：この面が背面側) facing down



- Take care not to get Card Slot Cover caught between handset and Insertion/Removal Tool.

3

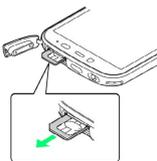
Gently push in Insertion/Removal Tool until it clicks



- Pull back Insertion/Removal Tool slowly (USIM Card pops out slightly). Pulling it back quickly may make USIM Card jump out.

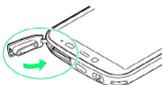
4

Remove USIM Card



5

Close Card Slot Cover



- Close Card Slot Cover firmly. Debris trapped between gasket and base may expose handset to liquid.

SD Card

Handset supports SD Card up to 64 GB. Some SD Cards may not operate properly.

SD/USIM Card Insertion/Removal Tool

There are two inscriptions (one for USIM and one for SD) on included SD/USIM Card Insertion/Removal Tool (hereafter "Insertion/Removal Tool"). Align the SD side over the back of handset.

- Always use included Insertion/Removal Tool for SD Card installation. Using other devices may damage handset and SD Card. Take care not to lose Insertion/Removal Tool.



Unmounting SD Card

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

1

In application sheet,  (Settings)



2

Storage



3

Unmount microSD  OK



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

· To have SD Card recognized again, Tap .

Removing SD Card

Always power off beforehand.

1

Open Card Slot Cover



2

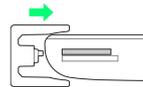
Align Insertion/Removal Tool with Card Slot, with the SD side (microSD挿抜時：この面が背面側) facing down



· Take care not to get Card Slot Cover caught between handset and Insertion/Removal Tool.

3

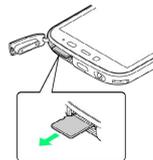
Gently push in Insertion/Removal Tool until it clicks



· Pull back Insertion/Removal Tool slowly (SD Card pops out slightly). Pulling it back quickly may make SD Card jump out.

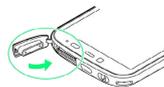
4

Remove SD Card



5

Close Card Slot Cover



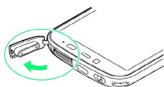
· Close Card Slot Cover firmly. Debris trapped between gasket and base may expose handset to liquid.

Inserting SD Card

Always power off beforehand.

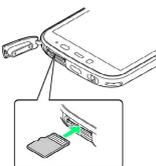
1

Open Card Slot Cover



2

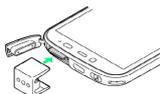
Insert SD Card into SD Card Slot (top opening)



· Insert it with terminals facing up.

3

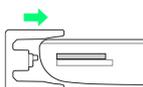
Align Insertion/Removal Tool with Card Slot, with the SD side (microSD挿抜時：この面が背面側) facing down



· Take care not to get Card Slot Cover caught between handset and Insertion/Removal Tool.

4

Gently push in Insertion/Removal Tool until it clicks



5

Close Card Slot Cover



· Close Card Slot Cover firmly. Debris trapped between gasket and base may expose handset to liquid.

Formatting SD Card

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

- Formatting deletes all SD Card files.
- Charge handset while formatting or charge it adequately beforehand.

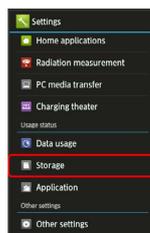
1

In application sheet,  (Settings)



2

Storage



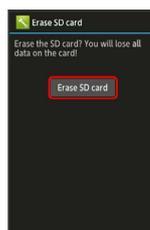
3

Erase microSD



4

Erase SD card



5

Enter Operation Password → OK



- If Operation Password is unset, follow onscreen prompts.

6

Erase everything



 Handset erases all SD Card files.

- When finished, SD Card is mounted.

Complimentary Sample SD Card

Complimentary SD Card is preinstalled.

- Warranty does not cover complimentary sample SD Card.

SD Card Usage Notes

General

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

- Never power off while files are being accessed.

microSDXC Card

Handset supports microSDXC Cards (SDXC-compatible SD Cards). microSDXC Cards are supported by SDXC-compatible devices only.

Exchanging Files with Non-SDXC-Compatible Devices

To exchange files between handset and non-SDXC-compatible devices, use SD Cards (microSD/microSDHC Cards) supported by handset and those devices. Inserting a microSDXC Card used on handset in a non-SDXC-compatible device may corrupt card files. In such cases, do not format the microSDXC Card on that device even if prompted to do so.

- Formatting deletes all microSDXC Card files and changes the file system. The original memory capacity may be unavailable after formatting. To use a corrupted microSDXC Card, format it on an SDXC-compatible device.

SD Card Caution

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

Charging Handset

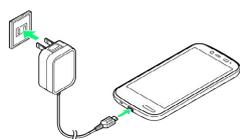
Battery is built into handset.

AC Charger, Micro USB Cable (optional accessory), Micro USB Charging Adapter (optional accessory) and In-Car Charger (optional accessory) are not water proof. Never charge handset while it is wet.

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

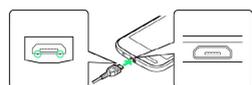
AC Charger

Use AC Charger (SHCEJ1).



1

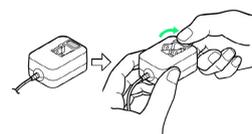
Insert Micro USB plug of AC Charger into External Device Port



- Insert Micro USB plug in correct orientation; otherwise, External Device Port may be damaged. Check contours and orientation of Micro USB plug, then insert it with tabs (○) facing down.

2

Extend blades and plug AC Charger into AC outlet



Notification Lamp illuminates while charging.

- Rotate blades out as shown.
- Notification Lamp goes out when charge is full.

3

Unplug AC Charger and retract blades

4

Remove Micro USB plug from External Device Port

USB Charging

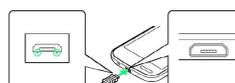
Connect handset to a PC with Micro USB Cable (SHDDL1; optional accessory).

- Power on handset and PC first.
- Handset may not charge or charge slowly depending on PC status/environment.



1

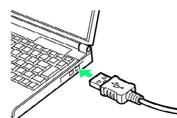
Insert Micro USB plug of Micro USB Cable into External Device Port



- Insert Micro USB plug in correct orientation; otherwise, External Device Port may be damaged. Check contours and orientation of Micro USB plug, then insert it with tabs (○) facing down.

2

Insert USB plug of Micro USB Cable into PC USB port



Notification Lamp illuminates while charging.

- Notification Lamp goes out when charge is full.

3

Remove Micro USB Cable from handset and PC

Lithium-ion Battery

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

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



Li-ion00



! Charging Precautions

Handling Cables

Do not pull, bend, or twist cable.

Important USB Charging Note

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

Battery Care

To help maintain performance and life of Internal Battery, do not store in the following conditions.

- Full (immediately after charging is complete)
- Exhausted (too low to power on handset)

Periods of Disuse

Charge at least once every 6 months; if left uncharged, handset may become unusable or files/settings may be affected.

Bulges of Internal Battery

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

Internal Battery Replacement

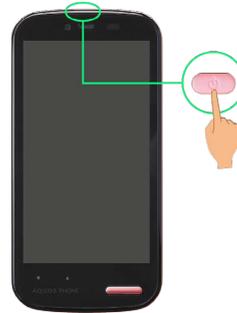
Internal Battery is a consumable item; may need to be replaced if operating time shortens noticeably. Internal Battery is not user replaceable; its replacement incurs fees and requires handset submission to a SoftBank Shop or other appropriate servicer. For details, contact a SoftBank Shop or SoftBank Customer Support, [General Information](#).

Power On/Off

Power On

1

Long Press  until SoftBank logo appears



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

- If Welcome sheet (lock screen) usage guide appears, follow onscreen prompts. (Tap **Try it** to proceed to **2**.)

2

Drag  to the bottom of Display



Google & location window opens.

- If confirmation appears, follow onscreen prompts.
- Google & location window may open even when handset is not used.

3

Set Google's location service options  



Initial setup menu opens.

- Scroll to bottom or Tap  for .
- If 3-Line Home usage guide appears, follow onscreen prompts.

Power Off

1

(Long Press)



2

Power off



3

OK



Handset shuts down.

Touchscreen Operations

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

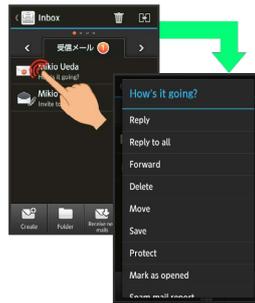
Tap

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



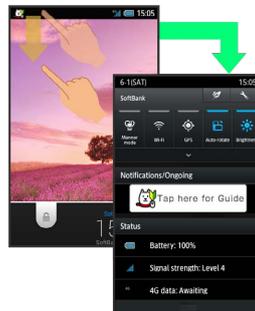
Touch & Hold

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



Drag

Drag item to move it.



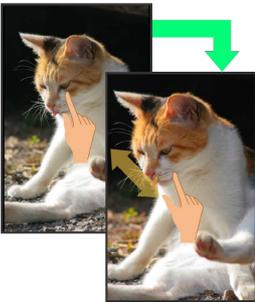
Flick

Flick to toggle sheets, pages, etc.



Pinch/Spread

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



Basic Operations

Basic Operations.....	18
Applications.....	20
Handset Phone Number.....	20
Mobile Manners.....	21
Text Entry.....	21
Google™ Accounts.....	24
Google Play™.....	26
Security Codes.....	27
USIM PIN.....	28
Screen Lock.....	29
Software Updates.....	30
Measuring Radiation.....	31

Basic Operations

Home (3-Line Home)

3-Line Home consists of application sheet, widget sheet and shortcut sheet. Most operations start here. See "[3-Line Home Basics](#)" for details.



- Flick left/right to toggle sheets.
- Tap at Display bottom to return to 3-Line Home.

Handset Navigation

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

- Tap to return to the previous screen.



Navigation Bar

Tap icons on Navigation Bar (Display bottom) for the following functions/operations.

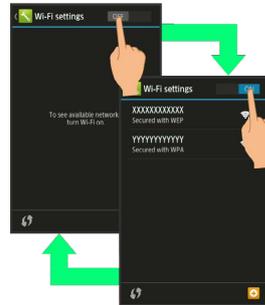
Icon	Description
	Return to the previous screen.
	Close keyboard.
	Return to 3-Line Home.
	Open Options menu.
	Open application usage history.



Action Bar

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

- When **ON** or **OFF** appears on Action Bar, Tap it to turn corresponding setting off or on.

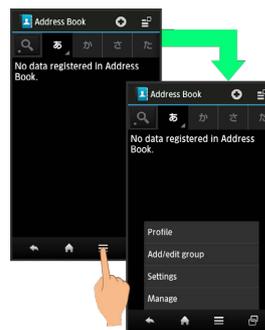


- When (check all)/ (uncheck all) appears on Action Bar, Tap it to select or cancel multiple items together at once.



Menu Operations

Tap at Display bottom to open Options menu.



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

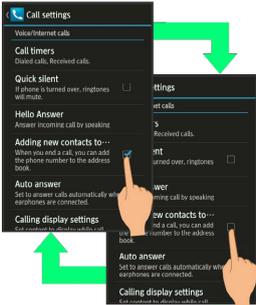


Handset Settings

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



- Checkbox (or) appears beside some options. Tap to enable () or disable () option.



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



Handset & Display Orientation

Rotate handset 90 degrees; Display orientation changes accordingly.

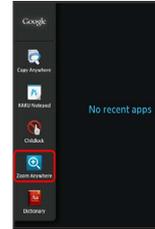
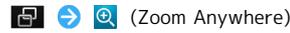
- Landscape orientation may be unavailable in some windows.



Zooming In (Zoom Anywhere)

Zoom in on any portion of Display. Magnified keys, icons, etc. can be Tapped like normal ones.

1



-  Magnifying glass appears.

2

Drag magnifying glass to target position



-  Portion underneath is magnified.

- To exit, Tap    (Zoom Anywhere).

Capturing Screenshots

Long Press  and  at the same time.

- Open captured screenshots from **Photo** in Contents Manager or other locations.

Activating Applications that Support Assist Function

Touch Navigation Bar then Drag up  Drag to target application and release finger

Applications

Activating Applications

1

In application sheet, Tap application



Application activates.

- If confirmation appears, follow onscreen prompts.

Exiting Applications

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

Obtaining Applications

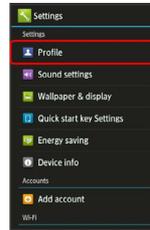
Obtain applications from  (Play Store).

Handset Phone Number

My Phone Number

1

In application sheet,  (Settings)  Profile



Profile opens.

- Handset number appears in Own phone number field.

Mobile Manners

Silent Mode

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

- Camera shutter sound, video recording tones, music, video/ game sounds, etc. still play even in Silent mode.

1

In Welcome sheet (lock screen) or 3-Line Home, Touch & Hold 

 Silent mode activates.

- To cancel, Touch & Hold  in Welcome sheet (lock screen) or 3-Line Home.

Airplane Mode

Leaving power on, suspend signal-transmitting functions.

1

 (Long Press)

 Phone options appear.

2

Airplane mode



 Airplane mode activates.

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

+ Selecting Silent Mode Option

 (Long Press) → Tap icon (such as )

! Airplane Mode Precautions

Activating **Airplane mode** disables Wi-Fi and Bluetooth®, interrupting corresponding transmissions.

Wi-Fi/Bluetooth® connections can be used even in Airplane mode by enabling Wi-Fi/Bluetooth® after activating

Airplane mode; make sure that such connection/ transmission is allowed in your current location before use.

Text Entry

Keyboards

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

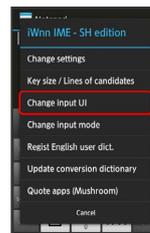
- Tap a text entry field for keyboard. Tap  to hide it.
- Text entry descriptions are for iWnn IME - SH edition. Before reading on, switch input method from Android keyboard (selected when interface language is set to English) to iWnn IME - SH edition as follows.

In a text entry window, Drag Status Bar down → **Choose input method** → **Japanese**

Switching Keyboards

1

In a text entry window,  → **Change input UI**



- When How to Change Input UI window opens after Tapping , Tap **CLOSE**. To disable it thereafter, select **Don't show again** beforehand.

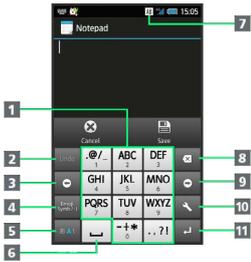
2

Set QWERTY keyboard or **Set 12 keyboard**



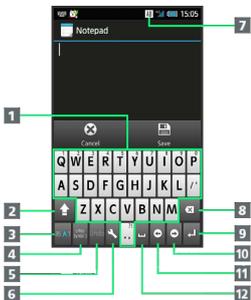
 Keyboard is switched.

12-Key Keyboard Layout



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

QWERTY Keyboard Layout



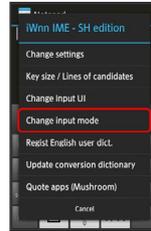
- 1 Enter characters.
- 2 Toggle case.
- 3 Toggle entry modes.
- 4 Enter pictograms, symbols, or emoticons.
- 5 Undo conversion.
- 6 Open text entry options.
- 7 Current entry mode
- 8 Delete characters.
- 9 Insert line break; confirm current characters.
- 10 Advance cursor; add space at text end.
-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

Switching Entry Modes

Tap to toggle Half Numeric, Kanji, and Half Alphabet modes. Alternatively, Flick left/right to toggle these modes. To use other entry modes:

1

In a text entry window, Change input mode



- When How to Change Input UI window opens after Tapping , Tap **CLOSE**. To disable it thereafter, select **Don't show again** beforehand.

2

Tap mode



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

Alphabet

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

1

Check Half Alphabet mode is selected (**AB** on Status Bar)



2

JKL (twice: K) → DEF (twice: e) → GHI (three times: i)
 → TUV (once: t) → ABC (once: a) → GHI (three times: i)



• The first letter is capitalized automatically by default.
 (Cancel auto capitalization as needed.)

3



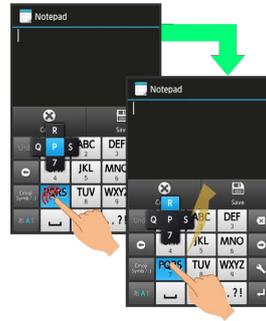
Keitai is entered.

• To toggle case, enter a letter and Tap **Aa**.

Flick Input

In 12-key Keyboard, Flick key for target character (instead of Tapping it repeatedly).

• Touch & Hold a key for guide; 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 enable/disable key preview and Flick input guide, in a text entry window, Tap **Change settings** → **Display / Layout** → **Key input guide**.

Google™ Accounts

Create a Google Account to use Google services. A Google Account is required to fully use some services and applications/functions.

Creating a Google Account

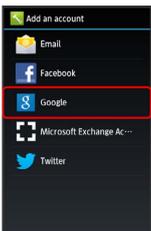
1

In application sheet,  (Settings)  **Add account**



2

Google



 Add a Google Account appears.

3

New



4

Enter first name  **Next**  Enter last name  



5

Enter mail address  



· If confirmation appears, follow onscreen prompts.

6

Enter password  **Next**  Re-enter password  



7

Tap Choose a security question field  Tap question 

Tap Answer field  Enter answer  **Next**  Enter mail address 



8

Not now  



· To join Google+, Tap **Join Google+**  . Follow onscreen prompts.

9

Tap entry field → Enter shown characters (distorted) → ▶



- If shown characters are unreadable, enter a character then Tap ▶ ; other distorted characters appear.

10

Not now → ▶



🚩 A Google Account is added.

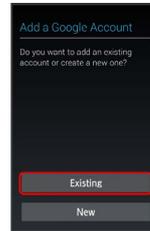
- If confirmation appears, follow onscreen prompts.
- Even if **Keep this phone backed up with my Google Account** is selected, this backup function cannot be used.

Signing in to a Google Account

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

1

In Add a Google Account, **Existing**



2

Enter mail address → **Next** → Enter password → ▶



3

Follow onscreen prompts

🚩 You are signed in to your Google Account.

⚠️ Google Account Caution

Do not forget your Google Account ID and password.

Google Play™

Download applications via Google Play. Downloaded applications can be updated manually or automatically. Sign in to your Google Account beforehand.

Installing Free Applications

1

In application sheet,  (Play Store)



 Google Play opens.

- If confirmation appears, follow onscreen prompts.

2

Tap free application  **INSTALL**  **ACCEPT**

 Application downloads and installs.

Purchasing Applications

1

In application sheet,  (Play Store)



 Google Play opens.

- If confirmation appears, follow onscreen prompts.

2

Tap paid application  Tap price  Follow onscreen prompts

 Application downloads and installs.

Updating Installed Applications

1

In application sheet,  (Play Store)



 Google Play opens.

- If confirmation appears, follow onscreen prompts.

2

  **My apps**  Tap application  **UPDATE** 

Follow onscreen prompts

 Application downloads and installs.

- If confirmation appears, follow onscreen prompts.

Purchased Applications

Payment

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

Use on Other Android Devices

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

Application Operations

Refund Requests

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

In Google Play,   **My apps**  Tap application 

REFUND

- For details, Tap   **Help** in Google Play, then refer to Google Play Help.

Enabling Automatic Updates

In Google Play,   **My apps**  Tap application 

  **Auto-update** ()

- Automatic update is not available for some applications.

! Google Play Cautions

Application Installation Disclaimer

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

Application Purchase Disclaimer

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

Google Play Automatic Updates

Operations are subject to change due to automatic application updates.

Security Codes

Operation Password & Center Access Code

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

- Do not forget Operation Password and Center Access Code (Call Barring Password). If you forget these codes, contact us for recovery. For details, contact SoftBank Customer Support, [General Information](#).
- Do not reveal Operation Password or Center Access Code (Call Barring Password). SoftBank Mobile Corp. is not liable for misuse or damages.
- Call Barring settings will be locked if incorrect Center Access Code (Call Barring 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 Call Barring Password has been previously changed on a mobile phone, enter the latest code to set Call Barring.

Setting Operation Password

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

1

In application sheet,  (Settings) → Other settings →

Lock & Security



2

Operation password setting → OK → Enter Operation

Password → OK



3

Re-enter Operation Password → OK → OK



 Operation Password is set.

- To change Operation Password, follow the steps above. (In 2, enter current Operation Password to proceed.)

USIM PIN

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

Enabling USIM Card Lock

1

In application sheet,  (Settings) → Other settings →

Lock & Security



2

USIM card lock settings → Lock USIM card → Enter PIN

→ OK ()



 USIM card lock is enabled.

Changing USIM PIN

Lock USIM card first. See "Enabling USIM Card Lock" for details.

1

In application sheet,  (Settings) → Other settings →

Lock & Security



2

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

 PIN is changed.

! PIN Cautions

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

Screen Lock

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

Activating Screen Lock Manually

1

When Display is active, 

 Display goes completely dark and Screen lock activates.

Canceling Screen Lock

Press  or  to open Welcome sheet (lock screen).

1

In Welcome sheet (lock screen), Drag  down



 Screen lock is canceled.

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

Software Updates

Software Updates

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

1

In application sheet,  (Settings)  **Device info**



2

Software update



 Software update menu opens.

3

Software update  **Execute**  Follow onscreen prompts

 Software Update starts.

Before Software Update

Handset data may be lost to damage, malfunction, etc.
Back up important information before updating software.
SoftBank Mobile Corp. is not liable for loss or associated damages.

Software Update Operations

Enabling/Disabling Automatic Updates

In Software update menu, **Auto update settings**  **Do not update automatically** or **Update automatically**

Changing Automatic Update Start Time

In Software update menu, **Update time settings** 

Select time  **Set**

· Available when **Auto update settings** is **Update automatically** .

Software Update Cautions

During Update

Handset cannot be used until Software Update completes; it may take some time to complete.

Signal Conditions

Check signal strength and battery charge beforehand.
Poor signal strength or low battery charge may disrupt updates leading to update failure. Update failure may disable handset.

Measuring Radiation

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

Measurement Options

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

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

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

Always Measurement

Enable Always measurement (default: OFF) to measure radiation in real time.

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

- Always measurement can be toggled on/off in Notifications Window.



High Precision Measurement

1

In application sheet, (Tools) (Radiation measurement)



Radiation measurement window opens.

- If confirmation appears, follow onscreen prompts.

2

High measurement



Start measurement window opens.

- If confirmation appears, follow onscreen prompts.

3

Start measurement



Measurement starts.

- To check measurement result during measurement, Tap **Result**.
- Measurement continues up to approximately 20 minutes; the number of ☆s increases as measurement accuracy increases.
- Longer measuring time results in higher measurement accuracy.
- First result appears approximately 1 minute after starting measurement (tone sounds).
- Measurement result window opens when five ☆s appear after 5 minutes of measurement. (Measurement result is saved automatically.)

4

☑ (done) on Action Bar



🚩 Measurement result window opens. (Measurement result is saved.)

· Tap **Raise precision** to continue measurement.

5

☑ (done) on Action Bar

🚩 Radiation measurement window returns.

Measurement Result Window Layout

To save a memo and image, Tap **Edit** in measurement result window.



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

! Radiation Measurement Precautions

Purpose of Use

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

Measurement Results

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

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

Location of Use

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

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

During Measurement

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

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

Measurement Limitation

Radioactive materials contained in food and water cannot be measured.

Disclaimer

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

Details

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

Handset Interface

Welcome Sheet (Lock Screen) Basics.....	34
3-Line Home Basics.....	35
Status Bar.....	36
Notifications Window.....	37
Using Application Usage History.....	38
Customizing 3-Line Home.....	39

Welcome Sheet (Lock Screen) Basics

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

From Welcome sheet (lock screen), cancel Screen lock, activate an application such as Phone or Mail, etc.

Welcome Sheet (Lock Screen) Layout



- 1 Wallpaper
- 2 Drag down to cancel Screen lock; Tap  for applications, settings, etc.
- 3 Tap  to show owner information¹.
- 4 Notifications of missed calls and new messages appear here.
- 5 Date and time, weather, etc.

1 Set owner information beforehand. See "[Lock & Security Settings](#)" for details.

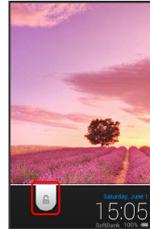
Activating Applications

Activate applications from Welcome sheet (lock screen) as follows.

- Change assigned applications as needed.

1

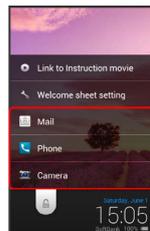
In Welcome sheet (lock screen), Tap 



 Menu opens.

2

Tap application



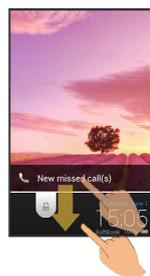
 Application activates.

- Tap **Link to Instruction movie** for Welcome sheet introductory video (Japanese).
- Tap **Welcome sheet setting** to open menu for customizing Welcome sheet (lock screen). Alternatively, Tap  (Settings) in application sheet  **Wallpaper & display**  **Welcome Sheet(lock screen)** . See "[Wallpaper & Display Settings](#)" for details.

Missed Call & New Message Notifications

Notification--New missed call(s) or New mail(s)--appears in Welcome sheet (lock screen).

Drag notification down to open it.



3-Line Home Basics

3-Line Home consists of application sheet, widget sheet and shortcut sheet. Most operations start here. Access applications and widgets, save frequently used applications to shortcut sheet, change handset settings, etc.

Toggling Sheets

Flick left/right to toggle these sheets.



Application Sheet Layout



- 1 Toggle sheets.
- 2 Activate applications. (Flick up for hidden applications; Flick down for menu.)

Widget Sheet Layout



- 1 Toggle sheets.
- 2 Use widgets. (Flick up for hidden widgets; Flick down for menu.)

Shortcut Sheet Layout



- 1 Toggle sheets.
- 2 Activate applications. (Flick up for hidden shortcuts; Flick down for menu.)

Status Bar

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



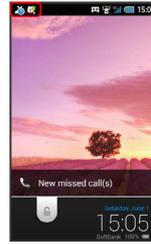
Status Bar Layout



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

Notification Indicators

Notification Indicators appear on the left.



Indicator	Description
	Functions Guide (Drag Status Bar down and open from Notifications Window)
	Urgent News
	Call Arriving/in Progress
	Call on Hold
	Missed Call
	New Answer Phone Message
	New Voicemail
	New SMS/SI Mail
	New Internet Mail
	New Gmail
	Snoozing/Unchecked Alarm
	Event
	Always Measurement (of Radiation Measurement) Enabled
	Energy Saving (Waza. Mode) Active
	Energy Saving (Emerg. Mode) Active
	Viewing One Seg
	Recording One Seg
	Application Installation Complete/Update Available
	Text Entry Window (Choose Input Method)
	Positioning (GPS)
	Data Downloading
	SD Card Unmounted
	Reading SD Card
	Connected in Card Reader Mode
	Screenshot Captured
	More Notifications

Status Indicators

Status Indicators appear on the right.



Indicator	Description
	Battery Strength
	Charging
	Signal Strength
	No Signal (4G/3G)
	4G Data in Use
	3G Data in Use
	Roaming
	Airplane Mode
	Wi-Fi Connected
	Bluetooth® On
	Bluetooth® Connected
	Silent (Standard) Mode
	Silent (Drive) Mode
	Silent Mode
	Mic Muted
	Speakerphone On
	Answer Phone Set
	Answer Phone Set (Message Recorded)
	Alarm Set
	Osaifu-Keitai® Locked
	Kanji Mode
	Half Alphabet Mode
	Half Numeric Mode
	Half Katakana Mode
	Full Alphabet Mode
	Full Numeric Mode
	Full Katakana Mode
	Character Code Mode

Notifications Window

Open notifications, check handset status or change various settings.

Opening Notifications Window

1

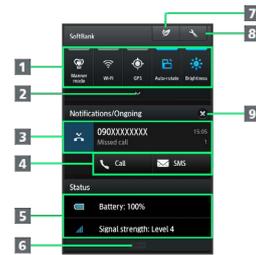
Drag Status Bar down



Notifications Window opens.

· Tap to exit.

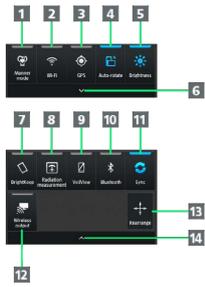
Notifications Window Layout



- 1 Setting Keys
- 2 Show second and subsequent lines of Setting Keys.
- 3 Notifications and active functions
- 4 Use corresponding functions.
- 5 Handset status¹
- 6 Close Notifications Window.
- 7 Open Energy save window.
- 8 Open Settings.
- 9 Delete all notifications and close Notifications Window.

1 Tap for corresponding settings.

Setting Keys



- 1 Set Silent mode option.
- 2 Toggle Wi-Fi on/off.
- 3 Enable/disable GPS positioning.
- 4 Enable/disable Auto-rotate screen.
- 5 Set Display brightness.
- 6 Show second and subsequent lines of Setting Keys.
- 7 Set Bright Keep.
- 8 Toggle Always measurement (of Radiation measurement) on/off.
- 9 Enable/disable VeilView.
- 10 Toggle Bluetooth® on/off.
- 11 Enable/disable account sync.
- 12 Open Wireless output menu.
- 13 Open window for rearranging Setting Keys.
- 14 Hide second and subsequent lines of Setting Keys.

+ Notifications Window Operations

Deleting Notifications

In Notifications Window, Flick notification left/right
 · Some notifications may not be deleted.

Rearranging Setting Keys

In Notifications Window, **Rearrange** → Drag icon to target location → (done) on Action Bar
 · Icons cannot be moved to the area where **Rearrange** appears in Notifications Window.

Using Application Usage History

Activate recently used applications, applications that support the assist function and assigned applications, all from a single window.

Opening Application Usage History

1



Application usage history appears.

Application Usage History Layout



- 1 Activate application that supports the assist function.
- 2 Shortcuts to applications
- 3 Delete all application usage history items.
- 4 Activate recently used application.
- 5 Indicates corresponding application is running.

+ Application Usage History Operations

Deleting Single Usage History Item

In application usage history, Flick item left/right
 · Corresponding application exits if running.

Changing Shortcuts

In application usage history, Touch & Hold shortcut →
 → Select Application or Shortcut → Tap item
 (then select option)

Resetting Shortcuts

In application usage history, Touch & Hold shortcut →
 → To default → Yes

Deleting Shortcuts

In application usage history, Touch & Hold shortcut →
 → Peel off → Yes

Customizing 3-Line Home

Set theme and Wallpaper, move icons/widgets or add shortcuts/widgets to corresponding sheets.

Setting Theme & Wallpaper

1

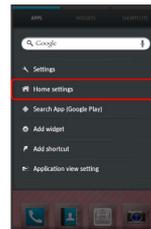
In 3-Line Home, Drag down



Menu opens.

2

Home settings



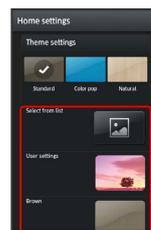
3

Tap theme (Standard , Color pop or Natural)



4

Select image, color, pattern, etc. by Tapping Select from list , User settings , Blue , etc.



- To select from images, Tap Select from list or From list . Follow onscreen prompts.
- Tap User settings to use image set in Wallpaper under Wallpaper & display .

5



Theme and Wallpaper are set.

Moving Icons/Widgets

1

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



2

Drag to target location

Release to place icon/widget.

· To a folder: Drag icon to target folder.

Adding Shortcuts

Add an application shortcut.

1

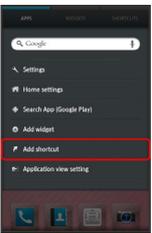
In 3-Line Home, Drag down



Menu opens.

2

Add shortcut



3

Application Tap application



Shortcut is added to shortcut sheet.

Adding Widgets

Add Album, Analog clock, etc.

1

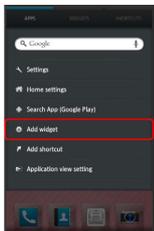
In 3-Line Home, Drag down



Menu opens.

2

Add widget



3

Tap widget



Widget is added.

+ Removing Widgets/Shortcuts

In widget sheet or shortcut sheet, Touch & Hold widget or shortcut → **Peel off**

Phone

Calling.....	44
Optional Services.....	45
Address Book.....	50

Calling

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

Placing Calls

1

In application sheet,  (Phone)



 Call Window opens.

- When Incoming History or Outgoing History opens, Tap **Phone** .
- When missed call window opens, Tap  . If 3-Line Home returns, Tap  (Phone) in application sheet again.

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, **End call**



 Call ends.

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

Answering Calls

1

When a call arrives, Drag **Answer** down



 Call connects.

- When Screen lock is inactive, Tap **Answer** .

2

To end the call, **End call**



 Call ends.

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

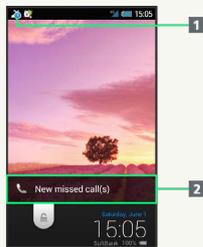
Emergency Location Report

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

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

Missed Calls

For unanswered calls,  appears. In Welcome sheet (lock screen), notification appears.



1 Notification Indicator

2 Notification

- Drag Status Bar down for Notifications Window, then Tap missed call notification to open Incoming History. When **Call** or **SMS** appears below missed call notification, Tap it to call back or send SMS.
- Drag notification down to open Incoming History.

Emergency Call Restriction

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

Optional Services

Use these SoftBank Optional Services:

Optional Services

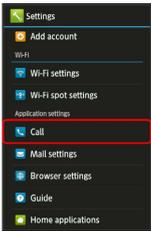
Service	Description
Call Forwarding	Divert all/unanswered calls to a preset number.
Voicemail	Divert all/unanswered calls to Voicemail Center; access messages via handset/touchtone phones.
Call Waiting ¹	Answer calls during a call.
Group Calling ¹	Switch between open lines/connect multiple lines.
Caller ID	Show or hide your number when placing calls.
Call Barring	Restrict incoming/outgoing calls by conditions.

¹ Requires separate subscription

Call Forwarding

1

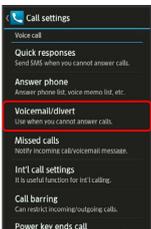
In application sheet,  (Settings) → **Call**



 Call settings opens.

2

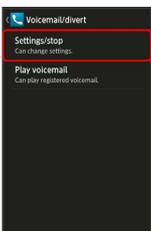
Voicemail/divert



 Voicemail/divert menu opens.

3

Settings/stop



 Divert menu opens.

4

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

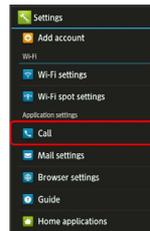
OK

 Call Forwarding is set.

Voicemail

1

In application sheet,  (Settings) → **Call**



 Call settings opens.

2

Voicemail/divert

 Voicemail/divert menu opens.

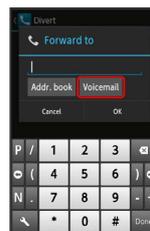
3

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 is set.

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

Call Waiting

Requires separate subscription.

1

In application sheet,  (Settings)  Call



 Call settings opens.

2

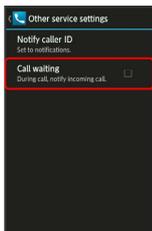
Other service settings



 Other service settings opens.

3

Call waiting ()



 Call waiting is set.

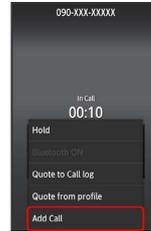
- During a call, a tone sounds for incoming calls;
Drag  right to answer.
- To cancel Call Waiting, Tap **Call waiting**.

Group Calling

Requires separate subscription.

1

During a call,   Add Call



2

Enter number  Call

3

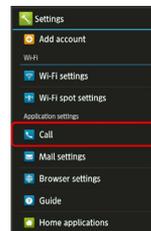
When call connects,   Merge calls

 Group Calling starts.

Caller ID

1

In application sheet,  (Settings)  Call



 Call settings opens.

2

Other service settings

 Other service settings opens.

3

Notify caller ID  Hide number or Show number



 Caller ID is set.

Call Barring

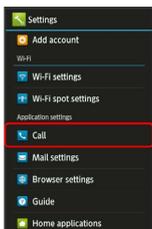
Restrict outgoing/incoming calls and SMS messages.

- Call Barring requires Center Access Code (Call Barring Password).
- Call Barring settings will be locked if incorrect Center Access Code (Call Barring 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 Call Barring Password has been previously changed on a mobile phone, enter the latest code to set Call Barring.
- Failure message appears when attempting to place/send calls/SMS with outgoing call restriction active. Message may take time to appear in some areas.

Restriction	Description
All outgoing calls	Restrict all non-emergency calls.
Bar int'l call	Restrict international calls; while outside Japan, calls within current country are allowed.
Local & home only	Restrict international calls; while outside Japan, calls within current country and to Japan are allowed.
Restrict all incomings	Reject all calls.
Bar if abroad	Reject calls while outside Japan.

1

In application sheet,  (Settings)  **Call**



 Call settings opens.

2

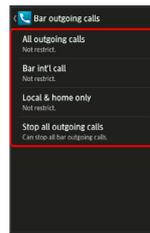
Call barring



 Call barring menu opens.

3

Bar outgoing calls or **Bar incoming calls**  Tap option



4

Enter Center Access Code (Call Barring Password)  **OK**

 Restriction is set.

+ Optional Services Operations

Setting Missed Call Notification

Activate this function for records of calls missed when handset is off/out-of-range. Initiate 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**
Tap item → Follow onscreen prompts

· 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 (Call Barring Password) → **OK**

Canceling All Incoming Call Restrictions

In Call barring menu, **Bar incoming calls** → **Stop All incoming calls** → Enter Center Access Code (Call Barring Password) → **OK**

Limiting Calls to Numbers Saved in Address Book

In Call barring menu, **Restrict destinations** → Enter Operation Password → **OK** → **Restrict address book** ()

Limiting Calls to Numbers in Call Permitted List

In Call barring menu, **Restrict destinations** → Enter Operation Password → **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** ()

Address Book

Save phone numbers, mail addresses and other information (birthdays, nicknames, etc.).

Set ringtones for each contact as needed.

Adding New Contacts

1

In application sheet,  (Address Book)



 Address Book opens.

2

 (add) on Action Bar



 Add contact window opens.

· If confirmation appears, follow onscreen prompts.

3

Tap item  Complete entry



4

Save  Yes



 Contact is saved.

Dialing from Address Book

1

In application sheet,  (Address Book)



 Address Book opens.

2

Tap tab  Tap contact



 Contact opens.

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

3



 Handset dials the number. Wait for other party to accept the call.

4

To end the call, 

 Call ends.

Address Book Caution

If handset is left uncharged, contacts may be altered/lost; handset damage may also affect information recovery. SoftBank Mobile Corp. is not liable for any resulting damages. Keep separate copies of contacts and other important information.

Messaging & Browser

Messaging.....	52
Sending S! Mail/SMS.....	52
Opening & Replying to S! Mail/SMS.....	54
Opening Received S! Mail/SMS.....	56
Creating/Sending Gmail.....	56
Opening Received Gmail.....	57
Using Internet Mail.....	58
Web Browsing (Browser).....	60

Messaging

S! Mail

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

SMS

Exchange short messages with mobiles using handset numbers as addresses.

Gmail

Gmail is Google's webmail service. Handset automatically syncs with Gmail.

Internet Mail

Use Internet Mail (POP3/IMAP4/Exchange) on handset.

- Set up an Internet Mail account beforehand.
- Retrieving Internet Mail on handset syncs handset and mail server; received messages are also accessible from PCs.

Sending S! Mail/SMS

Wi-Fi Connection Setup

Send/receive S! Mail using Wi-Fi. When using Mail (S! Mail/SMS) for the first time, complete Wi-Fi connection setup as follows.

- Descriptions for Mail (S! Mail/SMS) are given assuming that Wi-Fi connection setup is complete.

1

In application sheet,  (Mail)



 Wi-Fi connection setting opens.

2

Set now



 Wi-Fi connection setup starts.

3

OK

 Wi-Fi connection setup is complete.

- After Wi-Fi connection setup is complete, Wi-Fi is used for sending/receiving S! Mail. When Wi-Fi is not available, 3G or 4G Network is used.

Sending S! Mail

To send S! Mail to a contact saved in Address Book:

1

In application sheet,  (Mail)



 Folder list appears.

2

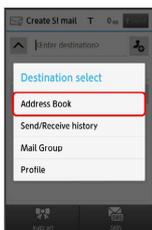
Create



 S! Mail Composition window opens.

3

  Address Book



 Address Book opens.

4

Tap recipient  

· For multiple numbers/addresses, Tap one after Tapping recipient.

5

Tap Enter subject field  Enter subject   
Enter message

6

 (Send) on Action Bar



 S! Mail is sent.

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

Sending SMS

To send SMS from sent/received mail records:

1

In application sheet,  (Mail)



 Folder list appears.

2

Create  SMS



 SMS Composition window opens.

3

  Send/Receive history

4

SEND HISTORY or RECEIVE HISTORY  Tap recipient

5

Enter message   (Send) on Action Bar

 SMS is sent.

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

+ Saving to Unsent Folder without Sending

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

! Important S! Mail/SMS Transmission Note

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

Opening & Replying to S! Mail/SMS

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

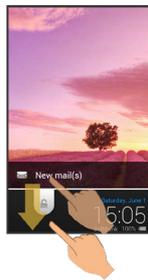
Opening New S! Mail/SMS

When message arrives, handset responds with ringtone/ Vibration/Notification Lamp, and  appears.

- In Welcome sheet (lock screen), notification appears.
- Unread message count () appears in  (Mail) icon in application sheet.

1

Drag notification (New mail(s)) down



 Message window opens.

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

Replying to SI Mail/SMS

1

In application sheet,  (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) on Action Bar

 Message is sent.

+ Retrieving Complete Messages

In message window,   Continue to receive

· Tap  to select item to retrieve.

! Important Message Retrieval Notes

Retrieval System

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

Automatic Message Deletion

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

Retrieval Outside Japan

Message retrieval outside Japan may incur high charges.

Opening Received S! Mail/SMS

Opening S! Mail/SMS

To open received messages:

1

In application sheet,  (Mail)



 Folder list appears.

2

Tap folder in Inbox



 Message list appears.

· Flick left/right for message lists in other folders.

3

Tap message



 Message window opens.

· Flick left/right to open other messages.

Creating/Sending Gmail

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

Creating/Sending Gmail

1

In application sheet,  (Gmail)



 Inbox opens.

· If confirmation appears, follow onscreen prompts.

2



 Mail Composition window opens.

3

Complete message  on Action Bar



 Message is sent.

+ Gmail Composition Operations

Adding Cc/Bcc Recipients

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

Attaching Images/Videos

In Mail Composition window,   **Attach picture** or **Attach video**  **Select application**  **Select file**
· If confirmation appears, follow onscreen prompts.

Saving without Sending

After entering recipient, subject or message text,  
Save draft
· Message is saved to Drafts.

Discarding Messages

After entering recipient, subject or message text,  
Discard  **OK**

! Gmail Caution

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

Opening Received Gmail

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

Opening New Gmail

When Gmail message arrives, handset responds with ringtone and Vibration, and  appears.

1

Drag Status Bar down for Notifications Window



2

Tap message notification



 Message window opens.

- For two or more new messages with different subjects, Inbox opens; select one.

Opening Gmail

1

In application sheet,  (Gmail)



 Inbox opens.

2

Tap conversation (subject)



 Message window opens.

+ Replying to Messages

In message window,   Complete message   on Action Bar

Using Internet Mail

Adding Accounts

Check usernames (user IDs), passwords, server names, etc. of your Internet Mail accounts beforehand.

1

In application sheet,  (Email)



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

2

Follow onscreen prompts to set up account

 Internet Mail setup is complete.

Creating/Sending Internet Mail

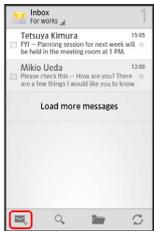
1

In application sheet,  (Email)



 Inbox opens.

2



 Mail Composition window opens.

3

Complete message  



 Message is sent.

Opening New Internet Mail

When Internet Mail message arrives, handset responds with ringtone and Vibration, and  appears.

1

Drag Status Bar down for Notifications Window



 Notifications Window opens.

2

Tap message notification



 Message window opens.

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

Opening Internet Mail

1

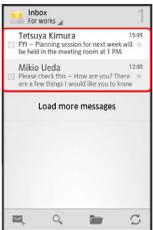
In application sheet,  (Email)



 Inbox opens.

2

Tap message



 Message window opens.

Web Browsing (Browser)

View Internet sites in Browser.

Using Browser

Upon activating Browser, Quick toolbox guidance appears by default.

- To disable it thereafter, Tap **Don't show again** () and Tap **Close**.



1

In application sheet,  (Browser)



 Browser activates.

- Flick to scroll.

Adding Bookmarks

1

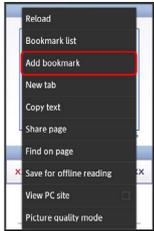
In application sheet, (Browser)



Browser activates.

2

Open target webpage → Add bookmark



Add bookmark window opens.

3

Check/edit label, URL, etc. → OK



Current webpage is saved as a bookmark.

Opening Bookmarks

1

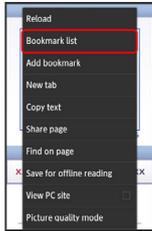
In application sheet, (Browser)



Browser activates.

2

Bookmark list



Bookmark window opens.

3

Tap bookmark

Corresponding webpage opens.

Using History

1

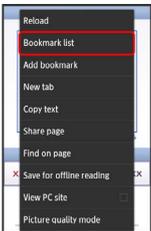
In application sheet,  (Browser)



 Browser activates.

2

  **Bookmark list**



 Bookmark window opens.

3

HISTORY



 History list appears.

4

Tap item (such as **Today**)  Tap record

 Corresponding webpage opens.

· Frequently visited webpages are saved in **Most visited**.

Saving Webpages

1

In application sheet,  (Browser)



 Browser activates.

2

Open target webpage    **Save for offline reading**

 Current webpage is saved.

Opening New Tabs

Open up to 16 webpages in different tabs to switch between them easily.

1

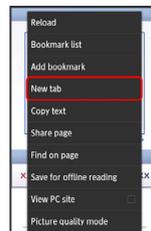
In application sheet,  (Browser)



 Browser activates.

2

  **New tab**



 Another tab opens.

· When multiple tabs are open, Tap   **Tab list**

  to open another tab.

· To switch tabs, Tap   **Tab list** in Browser, then Tap target tab.

SSL & TLS

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

Browser Operations

Signing in to My SoftBank

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

In Browser,   **Bookmark list**  **My SoftBank**
 Follow onscreen prompts

Searching for Information

In Browser, Tap URL entry field  Enter search text 
Go  Tap link

Editing Bookmarks

In Browser,   **Bookmark list**  Touch & Hold
 bookmark  **Edit or move bookmark**  **Edit**  **OK**

Deleting Bookmarks

In Browser,   **Bookmark list**  Touch & Hold
 bookmark  **Delete bookmark**  **Yes**

Searching within Current Webpage

In Browser,   **Find on page**  Enter search text

 Search results are highlighted.

Opening Saved Webpages

In Browser,   **Bookmark list**  **SAVED PAGES**
 Tap page

SSL/TLS Caution

When a security notice appears upon opening a webpage, subscribers must decide for themselves whether or not to open the page. Opening secure pages constitutes agreement to the terms of SSL/TLS usage. SoftBank Mobile Corp., SHARP Corporation, VeriSign Japan 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 application sheet,  (Camera)



 Photo Viewfinder appears.

- If confirmation appears, follow onscreen prompts.

2

Aim External Camera at subject



- For people, focus automatically locks on detected face.

3



 Shutter sound plays; photo is saved to SD Card.

+ Photo Viewfinder Operations

Adjusting Brightness

Drag up/down for Brightness Scale

Adjusting Zoom

Drag left/right or Pinch/Spread for Zoom Slider

- Zoom may be unavailable depending on Camera mode.

Locking Focus

Tap subject for focus lock

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

Opening Captured Photo

Tap preview thumbnail

 Album activates ( appears) and photo appears.

Using Internal Camera

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



- Tap  to toggle Internal/External Camera.
- Some functions/settings are not available for Internal Camera.

! Camera Cautions

General Use

Mind etiquette when using Camera.

Keep Lens Clean

Fingerprints/smudges may hinder handset imaging. Clean Lens with a soft cloth beforehand.

Avoid Direct Sunlight Exposure

Do not expose Lens area to direct sunlight for extended periods; may damage color filter, altering images.

🚫 Mobile Light Warning

Do not shine Mobile Light in eyes; may affect eyesight or cause other problems.

Video Camera

Recording Videos

Record H.264/AAC videos.

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

1

In application sheet,  (Camera)



 Photo Viewfinder appears.

- If confirmation appears, follow onscreen prompts.

2



 Video Viewfinder appears.

- If confirmation appears, follow onscreen prompts.

3

Aim External Camera at subject   to start recording



 Tone sounds and recording starts.

- For people, focus automatically locks on detected face.

4

 to stop recording



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

+ Video Viewfinder Operations

Adjusting Brightness

Drag up/down for Brightness Scale

Adjusting Zoom

Drag left/right or Pinch/Spread for Zoom Slider

Locking Focus

Tap subject for focus lock

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

Playing Recorded Video

Tap preview thumbnail  Tap   Follow onscreen prompts

 Album activates ( appears) and video plays.

Using Internal Camera

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



- Tap  to toggle Internal/External Camera.
- Some functions/settings are not available for Internal Camera.

Camera Cautions

General Use

Mind etiquette when using Camera.

Keep Lens Clean

Fingerprints/smudges may hinder handset imaging. Clean Lens with a soft cloth beforehand.

Avoid Direct Sunlight Exposure

Do not expose Lens area to direct sunlight for extended periods; may damage color filter, altering images.

Continuous Recording Time

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

Mobile Light Warning

Do not shine Mobile Light in eyes; may affect eyesight or cause other problems.

Music & Images

Music & Images.....	70
Music Files (Music).....	70
Still Images & Video (Album).....	71

Music & Images

Main Applications

Application	Description
Music	Play music files saved to SD Card.
Album	Photos and videos shot on handset or downloaded images are sorted into PORTRAIT, EVENT and MAP tabs.

Music Files (Music)

Playing Music Files

Supported file formats:

- 3GPP, 3GPP2, MP4, MP3, AMR, WMA (except WMDRM content), ASF (except WMDRM content), OGG Vorbis, WAVE, MIDI, XMF, RTTTL/RTX, OTA, iMelody, ADTS raw AAC, FLAC

1

In application sheet,  (Music)

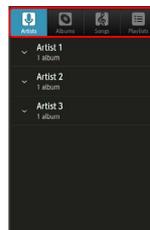


 Library opens.

-  appears next to the last played song in song list and its information appears at Display bottom.

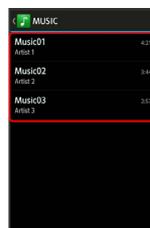
2

Select category (such as **Albums**)



3

Tap item  Tap song



 Song plays.

- In **Songs** , Tap song directly.
- After Tapping an item, you may need to Tap another item (such as album name) depending on category.

Still Images & Video (Album)

Photos and videos shot on handset or downloaded images are sorted into PORTRAIT, EVENT and MAP tabs.

Opening/Playing Files

View still images and videos saved to SD Card. See below for supported file formats.

Image	File Format
Still Image	JPEG, PNG, GIF, BMP, WBMP, WebP
Video	3GPP, 3GPP2, MP4, WMV (except WMDRM content), ASF (except WMDRM content), WebM, Matroska, MPEG2-TS

1

In application sheet,  (Album)

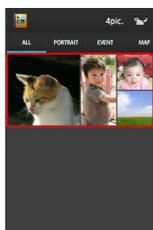


 File list appears.

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

2

Tap file



 File opens.

- For video playback, Tap , then select application. If confirmation appears, follow onscreen prompts.

Connectivity

Wi-Fi.....	74
Tethering Option.....	76
Bluetooth®.....	77

Wi-Fi

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

Enabling Wi-Fi

1

In application sheet,  (Settings) → **Wi-Fi settings**



 Wi-Fi settings opens.

2

OFF on Action Bar



 Wi-Fi is enabled (**ON**).

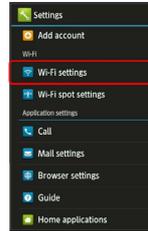
- Access point search starts; available access points appear upon completion.
- Tap **ON** to disable Wi-Fi (**OFF**).

Connecting Selected Access Points

Enable handset Wi-Fi first.

1

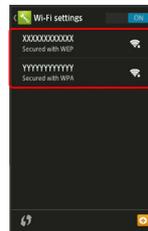
In application sheet,  (Settings) → **Wi-Fi settings**



 Wi-Fi settings opens.

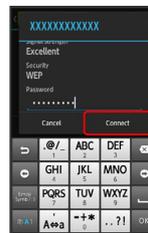
2

Tap access point



3

Enter password → **Connect**



 Connection is established.

- Password (indicated by WEP, WPA, KEY, etc.) may be found on a label on your Wi-Fi router. For details, contact the vendor of the router. For public wireless LAN services, check the password with your ISP.
- Omit password entry for unprotected access points.

Disconnecting Wi-Fi

1

In application sheet,  (Settings)  **Wi-Fi settings**



 Wi-Fi settings opens.

2

Tap connected access point  **Forget**



 Wi-Fi is disconnected.

- Password entry may be required to reconnect to access point.

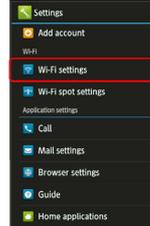
Using Wi-Fi Direct

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

- Enable handset Wi-Fi first.

1

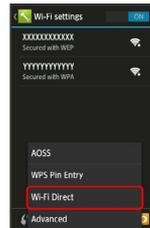
In application sheet,  (Settings)  **Wi-Fi settings**



 Wi-Fi settings opens.

2

 **Wi-Fi Direct**



 Found Wi-Fi Direct compatible devices appear in Peer devices field.

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

3

Tap target device  Follow onscreen prompts for authentication

 Tapped device is connected.

Automatic Updates for Optimizing Wi-Fi Connection

While using Wi-Fi, updates for optimizing connection may be received or applied automatically.

+ Wi-Fi Operations

Connecting Access Points Manually

In Wi-Fi settings, **+** **→** Enter Network SSID **→** Done
→ Tap Security field **→** Tap security protocol **→**
 Save

- Available when **Wi-Fi settings** is enabled.
- Selected security protocol may require other fields to be completed.

Connecting Using AOSS

In Wi-Fi settings, **☰** **→** AOSS **→** Follow onscreen prompts

Enabling/Disabling Available Network Notifications

In Wi-Fi settings, **☰** **→** Advanced **→** Network notification

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

Selecting a Wi-Fi Sleep Option

In Wi-Fi settings, **☰** **→** Advanced **→** Wi-Fi sleep policy **→** Tap option

Setting Wi-Fi Frequency Band

In Wi-Fi settings, **☰** **→** Advanced **→** Wi-Fi frequency band **→** Auto , 5 GHz only or 2.4 GHz only

Connecting Using WPS

In Wi-Fi settings, **🔌** **→** Follow onscreen prompts

- To connect using the PIN method, Tap **☰** in Wi-Fi settings, Tap **WPS Pin Entry** , then follow onscreen prompts.

Dismissing 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 using neighboring channels. In this instance, handset may not detect access points correctly.

Tethering Option

About Tethering Option

Use handset like a Wi-Fi router to access the Internet from a PC or game device.

- Requires separate subscription.
- Use after checking that handset is updated to the latest software.

Starting Up Tethering Option

1

In application sheet, **🔧** (Tools) **→** **📶** (Tethering)



🚩 Tethering window appears.

- When Terms of Agreement appear, follow onscreen prompts.

Opening Tethering Option Help (Japanese)

1

In application sheet,  (Tools)  (Tethering)



 Tethering window appears.

2

Help



 Help window appears.

3

Follow onscreen prompts

 A description of each item appears.

Wi-Fi Connection

After enabling **Wi-Fi connection** () , it will be automatically disabled () when no connection is made to handset for a certain period of time.

Bluetooth®

Connect handset to other Bluetooth® devices for wireless connectivity.

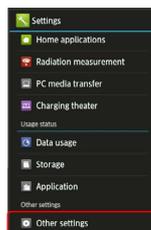
Bluetooth® Functions

Function	Description
Sound output	Listen to music, audio, etc. wirelessly.
Handsfree conversation	Use Bluetooth® devices (such as headsets) for handsfree conversations.
File transfer	Transfer files between handset and Bluetooth® devices.

Enabling Bluetooth®

1

In application sheet,  (Settings)  Other settings



2

Bluetooth



 Bluetooth® menu opens.

3

OFF on Action Bar



 Bluetooth® is enabled (**ON**).

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

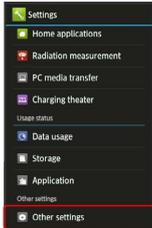
Device Search & Pairing

Pair nearby Bluetooth® devices with handset to transfer files, for handsfree conversations, or to listen to music.

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

1

In application sheet,  (Settings) → **Other settings**



2

Bluetooth



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

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

3

Tap target device → Follow onscreen prompts for authentication

 Pairing completes; handset connects to some devices (such as handsfree devices) automatically.

- Authentication procedure varies by device. Passkey entry may be required.
- Passkey is a 1 to 16-digit alphanumeric code required for authentication between handset and other devices.
- Paired devices appear in Paired devices field.

Connecting Paired Bluetooth® Devices

1

In application sheet,  (Settings) → **Other settings**



2

Bluetooth



 Bluetooth® menu opens.

- Paired Bluetooth® devices appear in Paired devices field.

3

Tap target device

 Tapped device is connected.

Sending Files (e.g., Address Book)

1

In application sheet,  (Address Book)



 Address Book opens.

2

Tap tab  Tap contact

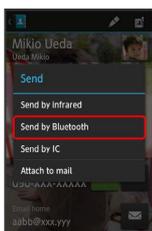


 Contact opens.

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

3

 (send) on Action Bar  **Send by Bluetooth**



4

Yes  Tap device

 File is sent.

- If confirmation appears, follow onscreen prompts.

Receiving Files (e.g., Address Book)

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

1

Drag Status Bar down for Notifications Window



2

Tap Bluetooth® share notification  **Accept**



3

After receiving files, Drag Status Bar down for Notifications Window

4

Tap Bluetooth® share notification  Tap file  **Register of data**  **Always** or **Just once**



 Data is saved.

- If confirmation appears, follow onscreen prompts.
- Messages received via Bluetooth® can be used from Contents Manager.

Accepting Connection Requests

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

- If confirmation appears, follow onscreen prompts.

+ Bluetooth® Connection Operations

Renaming Paired Devices

In Bluetooth® menu,  (next to target device name) 

  Enter name  

· Pictograms are not supported.

Unpairing Devices

In Bluetooth® menu,  (next to target device name) 



Connecting to Bluetooth® Devices by Service

In Bluetooth® menu,  (next to target device name) 

Tap item

· Available for compatible devices only.

Disconnecting Devices (e.g., Handsfree Devices)

In Bluetooth® menu, Tap device  

Setting whether to Allow Other Devices to Detect Handset

In Bluetooth® menu, Tap handset name (default:

)

· Description below handset name changes to Visible to all nearby Bluetooth devices, and handset will be discoverable from other Bluetooth® devices for a period of time set in .

· Handset returns to non-discoverable state automatically after a period of time set in , and will be hidden from unpaired devices.

Changing Handset Name that Appears on Other Devices

In Bluetooth® menu,     Tap

Name field  Enter name  

· Pictograms are not supported.

Changing Discoverable Time

In Bluetooth® menu,     Tap option

· For , handset does not return to non-discoverable state automatically.

? Troubleshooting

Q. Cannot use Bluetooth®

A. Airplane mode may be active. Activating Airplane mode disables Bluetooth®. (Bluetooth® can be enabled again while Airplane mode is active.)

! Important Bluetooth® Usage Notes

Connection

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

File Transfer

Files may not appear correctly on recipient devices.

Global Services

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

Global Roaming

Handset is Global Roaming Service eligible where 3G or 4G network coverage is available (3G/4G areas). Use the same handset number outside Japan.

Selecting Network Service

Handset connects to 4G or 3G Network service automatically by default.

1

In application sheet,  (Settings)



2

Other settings  Network settings



3

Mobile networks



4

4G/3G settings



 4G/3G settings opens.

5

Manual  4G/3G or 3G



 Network service is set.

To select Network service automatically, Tap **Auto**.

Selecting a Cellular Provider

Handset connects to an appropriate cellular provider automatically by default. To select a cellular provider manually:

1

In application sheet,  (Settings)



2

Other settings  Network settings



3

Mobile networks



4

Network operators



5

Tap provider

 Cellular provider is set.

- Tap **Choose automatically** to set an appropriate cellular provider automatically.
- Tap **Search networks** to search for all available cellular providers.

Calling from Outside Japan

See SoftBank Mobile Website for details:

http://mb.softbank.jp/en/global_services/

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

Calling Japan

1

In application sheet,  (Phone)



 Call Window opens.

- When Incoming History or Outgoing History opens, Tap **Phone**.
- When missed call window opens, Tap . If 3-Line Home returns, Tap  (Phone) in application sheet again.

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 Current Country

1

In application sheet,  (Phone)



 Call Window opens.

- When Incoming History or Outgoing History opens, Tap  .
- When missed call window opens, Tap  . If 3-Line Home returns, Tap  (Phone) in application sheet again.

2

Use onscreen dialpad to enter number  

 Roaming assistant appears.

- Do not add + before the number.

3

Stay country number



 Handset dials the number.

Calling Countries aside from Japan

1

In application sheet,  (Phone)



 Call Window opens.

- When Incoming History or Outgoing History opens, Tap  .
- When missed call window opens, Tap  . If 3-Line Home returns, Tap  (Phone) in application sheet again.

2

Use onscreen dialpad to enter number  

 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  .

+ International Call Operations

Changing Country Codes

In application sheet,  (Settings) → Call → 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 application sheet,  (Settings) → Call → Int'l call settings → User list → Tap country/area → Delete from list

Enabling/Disabling Abroad Assistant

In application sheet,  (Settings) → Call → Int'l call settings → Abroad assistant

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

Settings

About Settings.....	88
Sound Settings.....	89
Wallpaper & Display Settings.....	91
Quick Start Key Settings.....	92
Device Info.....	92
Add Account.....	93
Wi-Fi Settings.....	94
Home Applications Setting.....	94
Storage Settings.....	95
Application Settings.....	96
Other Settings.....	96

About Settings

About Settings

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

Item	Description
Profile	Check handset number, mail address, etc.
Sound settings	Set ringtone, confirmation tones, etc.
Wallpaper & display	Set Wallpaper, Display brightness, etc.
Quick start key Settings	Change functions assigned to  and  (Long Press).
Energy saving	Adjust corresponding settings together at once to save battery power, or check battery status.
Device info	Check handset status.
Add account	Create/add accounts and sync accounts.
Wi-Fi settings	Enable Wi-Fi connection.
Wi-Fi spot settings	Make SoftBank Wi-Fi spot settings.
Call	Set call options.
Mail settings	Set messaging options.
Browser settings	Set Browser options.
Guide	Show/hide Guide indicator.
Home applications	Switch Home application.
Radiation measurement	Set Radiation measurement options.
PC media transfer	Set MediaJet (application for PC connection) options.
Charging theater	Set slideshow or video to play in 3-Line Home while charging.
Data usage	Check data usage and set limit.
Storage	Check handset/SD Card memory status, mount SD Card and erase SD Card files.
Application	Check installed applications and running applications.
Other settings	Set operation of other functions.

1

In application sheet, Tap  (Settings)



 Settings opens.

2

Set each item

 Setting is complete.

Sound Settings

Sound Settings

Item	Description
Mode settings	Set Silent mode.
Volume	Adjust volume levels.
For Incoming call	Set ringtone and other options for incoming calls.
For new message	Set ringtone and other options for incoming messages.
For notification	Set sound and other options for notifications.
Alarm	Set volume and other options for Alarm.
Timer	Set sound and other options for Timer.
Haptic feedback	Enable Vibration when Tapping dialpad, keys, etc.
Audible touch tones	Enable confirmation tones when Tapping a menu.
Dial pad touch tones	Enable/disable dialpad tones.
Screen lock sounds	Enable tone when locking/unlocking Touchscreen.

1

In application sheet,  (Settings)



2

Sound settings



 Sound settings opens.

3

Set each item

 Setting is complete.

+ Sound Settings Operations

Set Silent Mode

In Sound settings, **Mode settings** → Tap option

- Camera shutter sound, video recording tones, etc. still play even in Silent mode.

Set Handset Volume

In Sound settings, **Volume** → Drag slider to adjust Volume → **OK**

- Sound plays at set Volume upon releasing finger.

Set Ringtone for Incoming Calls

In Sound settings, **For Incoming call** → **Sound/Ringtone** → Tap option (**Media Storage** , **Sound/Ringtone** , etc.) → **Always** or **Just once** → Tap tone/file → **OK**

- Sound plays upon Tapping a tone/file.

Enable/Disable Vibration for Incoming Calls

In Sound settings, **For Incoming call** → **Vibration** → Tap option

Set Vibration Pattern for Incoming Calls

In Sound settings, **For Incoming call** → **Vibrator pattern** → Tap pattern → **OK**

- Handset vibrates upon Tapping a pattern.

Set Notification Lamp Illumination for Incoming Calls

In Sound settings, **For Incoming call** → **Incoming lamp** → **Blinking pattern** or **Blinking color** → Tap item → **OK**

- Notification Lamp flashes upon Tapping an item.

Set Ringtone for Incoming Messages

In Sound settings, **For new message** → **Melody** → **Select melody** → Tap option (**Media Storage** , **Sound/Ringtone** , etc.) → **Always** or **Just once** → Tap tone/file → **OK**

- Sound plays upon Tapping a tone/file.
- To disable ringtone, Tap **OFF** instead of **Select melody** .

Set Vibration Pattern for Incoming Messages

In Sound settings, **For new message** → **Vibrator** → Tap pattern → **OK**

- Handset vibrates upon Tapping a pattern.

Set Notification Lamp Illumination for Incoming Messages

In Sound settings, **For new message** → **Reception lamp** → **Blinking pattern** or **Blinking color** → Tap item → **OK**

- Notification Lamp flashes upon Tapping an item.

Set Ringtone Duration for Incoming Messages

In Sound settings, **For new message** → **Ring duration** → **Ring time setting** → Select time → **OK**

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

Set Ringtone for Notifications

In Sound settings, **For notification** → **Notification sounds** → Tap option (**Media Storage**, **Sound/Ringtone**, etc.) → **Always** or **Just once** → Tap tone/file → **OK**

- Sound plays upon Tapping a tone/file.

Enable/Disable Notification Lamp for Notifications

In Sound settings, **For notification** → **Pulse notification light**

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

Set Ringtone Duration for Notifications

In Sound settings, **For notification** → **Ring duration** → **Ring time setting** → Select time → **OK**

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

Enable Vibration when Tapping Dialpad, Keys, Etc.

In Sound settings, **Haptic feedback**

- Tap **Haptic feedback** to toggle on () / off ()
- Disable **Haptic feedback** to save battery power.

Enable Confirmation Tones when Tapping a Menu

In Sound settings, **Audible touch tones**

- Tap **Audible touch tones** to toggle on () / off ()
- Disable **Audible touch tones** to save battery power.

Enable/Disable Dialpad Tones

In Sound settings, **Dial pad touch tones**

- Tap **Dial pad touch tones** to toggle on () / off ()
- Disable **Dial pad touch tones** to save battery power.

Enable Tone when Locking/Unlocking Touchscreen

In Sound settings, **Screen lock sounds**

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

Wallpaper & Display Settings

Wallpaper & Display Settings

Item	Description
Wallpaper	Set Wallpaper for SH HOME (Home application).
Welcome Sheet(lock screen)	Set Wallpaper and other options for Welcome sheet (lock screen).
Brightness	Set Display brightness.
Screen timeout	Set a period of inactivity after which Display turns off automatically.
Quality mode	Select a mode (combination of Display color tone and brightness).
Auto-rotate screen	Set whether to rotate Display with handset orientation automatically.
Screen on/off with motion	Set Display to turn on/off upon Dragging or shaking handset, or keep it turned on while hand-holding handset.
Font Settings	Set font size and font type.
VeilView	Prevent peeking.
Display left Battery	Set whether to show battery strength in percent.

1

In application sheet,  (Settings)



2

Wallpaper & display



 Wallpaper & display menu opens.

3

Set each item

 Setting is complete.

+ Wallpaper & Display Operations

Set Preset Image as Wallpaper

Change Wallpaper for SH Home (Home application).

In Wallpaper & display menu, **Wallpaper** → **OK** → **Live Wallpapers** or **Wallpaper gallery** → **Always** or **Just once** → **Select image** → **Set wallpaper** or **Set to wallpaper**

· For some images, additional settings are available; follow onscreen prompts.

Set Still Image as Wallpaper for Welcome Sheet (Lock Screen)

In Wallpaper & display menu, **Welcome Sheet(lock screen)** → **Welcome Sheet wallpaper** → Tap **>** (next to Image) → Tap page (e.g., **Page 1**) → Tap option (e.g., **Contents manager**) → **Select image** → Drag frame to adjust image area → **Save**

· To remove Wallpaper, Tap **To cancel the setting** when Tapping an option.

Set a Period of Inactivity after which Display Turns Off

In Wallpaper & display menu, **Screen timeout** → Tap time

· Set a shorter time to save battery power.

Set whether to Keep Display Turned On while Hand-Holding Handset

In Wallpaper & display menu, **Screen on/off with motion** → **Bright Keep** → **ON (Notify)**, **ON (Not notify)** or **OFF**

· For **ON (Notify)**,  appears indicating Bright Keep is enabled.

· Hand-held state is determined based on handset angle and Proximity/Light Sensor responses; may not be determined correctly depending on usage status.

Quick Start Key Settings

Quick Start Key Settings

Change functions assigned to  and  (Long Press).

1

In application sheet,  (Settings)



2

Quick start key Settings



 Quick start key Settings opens.

3

Short press  or Long press 

4

Tap item (then select option)

 Setting is complete.

Device Info

Device Info

Check handset status.

1

In application sheet,  (Settings)



2

Device info



 Device info menu opens.

· For details on updating Software, see "[Software Updates.](#)"

+ Device Info Operations

Check Handset Status (Battery Status, Handset Number, Etc.)

In Device info menu, **Status**

- Tap **Battery status** to check battery performance.
- Tap **IMEI** to view barcode with IMEI number.

Calibrate Touchscreen

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

In Device info menu, **Adjust touch panel** → Follow onscreen prompts

Calibrate Motion & Electromagnetic Sensors

In Device info menu, **Adjust sensitivity of sensor** → **OK** → Follow onscreen prompts (tone sounds when calibration completes) → **OK**

Check Legal Information, Authentication, & Technical Regulations Conformity Certification

In Device info menu, **Legal information** , **Authentication** or **Technical Regulations Conformity Certification**

- Handset complies with requirements as stipulated by the Radio Law and Telecommunications Business Law.

Add Account

Add Account

Create/add accounts and sync accounts.

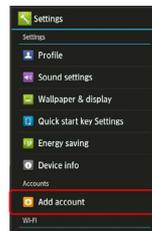
1

In application sheet, **Settings**



2

Add account



3

Tap account type → Follow onscreen prompts

An account is added.

+ Select Applications to Sync by Account

In application sheet, **Settings** → Tap account type → Tap account → Tap sync option ()

Wi-Fi Settings

Wi-Fi Settings

1

In application sheet,  (Settings)



2

Wi-Fi settings



 Wi-Fi settings opens.

3

OFF on Action Bar



 Wi-Fi is enabled (**ON**).

- Access point search starts; available access points appear upon completion.
- Tap **ON** to disable Wi-Fi (**OFF**).

4

Tap access point  Enter password  **Connect**

 Connection is established.

- Password (indicated by WEP, WPA, KEY, etc.) may be found on a label on your Wi-Fi router. For details, contact the vendor of the router. For public wireless LAN services, check the password with your ISP.
- Omit password entry for unprotected access points.
- See "Wi-Fi" for more about Wi-Fi settings and operations.

Home Applications Setting

Home Applications Setting

Set Home application.

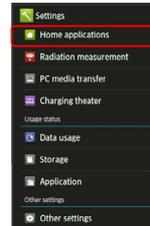
1

In application sheet,  (Settings)



2

Home applications



 Home applications menu opens.

3

Tap Home application

 Setting is complete.

Storage Settings

Storage Settings

Item	Description
Total space	Check total space in handset system memory and SD Card.
Available	Check free space in handset system memory and SD Card.
Mount microSD	Mount SD Card. See " Unmounting SD Card " for details.
Unmount microSD	Unmount SD Card to remove it safely. See " Unmounting SD Card " for details.
Erase microSD	Format SD Card. See " Formatting SD Card " for details.
Preferred install location	Set install location for applications.
microSD backup	Back up files to SD Card.

1

In application sheet,  (Settings)



2

Storage



 Storage menu opens.

3

Set each item

 Setting is complete.

+ Storage Settings Operations

Set Install Location for Applications

In Storage menu,   Tap item

File Backup (Handset to SD Card)

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

In Storage menu,    Enter
Operation Password   Tap items () 

- If confirmation appears, follow onscreen prompts.
- Backup stops if Battery runs low. Check battery charge beforehand.
- To select () or cancel () multiple items together at once in Backup item list, Tap  (check all) or  (uncheck all) on Action Bar.
- microSD backup requires 11 MB of free space in handset system memory.

Application Settings

Application Settings

Check installed applications and running applications.

1

In application sheet,  (Settings)



2

Application



 Application menu opens.

- Tap **DOWNLOADED** , **ON SD CARD** , **RUNNING** or **ALL** to open applications by category.
- Flick application list left/right to toggle categories.

3

Tap application

 Details appear.

4

Set each item

 Setting is complete.

Other Settings

Other Settings

Item	Description
Location services	Enable location information.
Bluetooth	Set Bluetooth® connections.
Network settings	Set Airplane mode, mobile network, etc.
Lock & Security	Set Screen lock, Operation Password, etc.
Language & input	Set functions for language and text entry.
Date & time	Set functions for date and time.
Accessibility	Set functions for text-to-speech, etc.
Developer options	Set functioning of developer options.
Initial setting	Perform initial setup manually.
Reset all	Delete all handset system memory files.

1

In application sheet,  (Settings)



2

Other settings



 Other settings opens.

3

Set each item

 Setting is complete.

Bluetooth® Settings

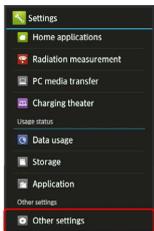
1

In application sheet,  (Settings)



2

Other settings



 Other settings opens.

3

Bluetooth



 Bluetooth® menu opens.

4

Set each item

 Setting is complete.

· For details on each item, see "Bluetooth®."

Network Settings

Item	Description
Airplane mode	Leaving power on, suspend signal-transmitting functions.
Osaifu-Keitai settings	Set Osaifu-Keitai® operations.
Wireless output (Miracast)	Set wireless output.
Home network settings	Share media files with other devices over a home network.
VPN settings	Set virtual private networks (VPNs). Set Network options.
Mobile networks	For details on 4G/3G settings and Network operators , see "Global Roaming."

1

In application sheet,  (Settings)



2

Other settings



 Other settings opens.

3

Network settings



 Network settings opens.

Set each item

 Setting is complete.

+ Network Settings Operations

Enable/Disable Signal-Transmitting Functions

In Network settings, **Airplane mode**

- Tap **Airplane mode** to toggle on () / off ()

Activate/Cancel Osaifu-Keitai® Lock

In Network settings, **Osaifu-Keitai settings** → **Osaifu-Keitai Lock** → **Next** → **OK**

- To cancel, follow the steps above. (After Tapping **Next**, enter Operation Password to proceed.)

Set whether to Require Operation Password for Activating Osaifu-Keitai® Lock

In Network settings, **Osaifu-Keitai settings** → **Passcode settings** → **Always demand** or **Not demand** → Enter Operation Password → **OK**

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

In Network settings, **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.

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

In Network settings, **Home network settings** → **Wi-Fi for home NW server** → Tap access point

- Available when **Home network server** is off.
- If confirmation appears, follow onscreen prompts.

Save Handset Name that Appears on DLNA Devices

In Network settings, **Home network settings** → **Home network server name** → Tap server name field → Enter name → **OK**

- Available when **Home network server** is off.

Add Virtual Private Networks (VPNs)

In Network settings, **VPN settings** → **Add VPN profile** → Tap item → **Set** → **Save**

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

Enable/Disable Mobile Data Transmissions

In Network settings, **Mobile networks** → **Data transmission**

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

Enable/Disable Data Roaming

In Network settings, **Mobile networks** → **Data roaming**

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

Add Access Points

In Network settings, **Mobile networks** → **Access Point Names** → **New APN** → Tap item → **Set** → **Save**

Delete Added Access Points (Restore Default Settings)

In Network settings, **Mobile networks** → **Access Point Names** → **Reset to default**

Lock & Security Settings

Item	Description
Operation password setting	Set Operation Password to use or change some functions. See " Setting Operation Password " for details.
Screen lock	Set Screen lock option.
Owner info	Show owner information in Welcome sheet (lock screen).
Secrecy settings	Hide contacts, messaging folders, etc.
Contacts data access monitor	Control access of applications to Address Book.
USIM card lock settings	Set whether to require PIN entry when powering on. See " USIM PIN " for details.
Visible passwords	Show/hide passwords as you type.
Device administrator	Enable/disable device management option.
Unknown sources	Enable/disable installation of non-Google Play applications.
Use secure credentials	Control access of applications to secure certificates and other authentication information.
Install from microSD	Install encrypted authentication information from SD Card.
Clear credentials	Delete all authentication information and reset password for authentication information storage.

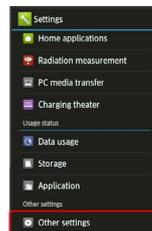
1

In application sheet,  (Settings)



2

Other settings



 Other settings opens.

3

Lock & Security



 Lock & Security menu opens.

4

Set each item

 Setting is complete.

+ Lock & Security Operations

Disable Screen Lock

In Lock & Security menu, **Screen lock** → **None**

- When an option other than **None** or **Slide** is selected, after Tapping **Screen lock**, cancel Screen lock to proceed.

Require Dragging for Canceling Screen Lock

In Lock & Security menu, **Screen lock** → **Slide**

- When an option other than **None** or **Slide** is selected, after Tapping **Screen lock**, cancel Screen lock to proceed.

Require Face Recognition for Canceling Screen Lock

In Lock & Security menu, **Screen lock** → **Face Unlock**

→ Read message → **Set it up** → **Continue** →

Align face with guide → Face captured. appears →

Continue → Select secondary unlock option (in case of

face recognition failure) → Set pattern or passcode →

OK

- When an option other than **None** or **Slide** is selected, after Tapping **Screen lock**, cancel Screen lock to proceed.

Require Pattern Drawing for Canceling Screen Lock

In Lock & Security menu, **Screen lock** → **Pattern** →

Draw pattern → **Continue** → Draw pattern again →

Confirm

- When an option other than **None** or **Slide** is selected, after Tapping **Screen lock**, cancel Screen lock to proceed.
- If confirmation appears, follow onscreen prompts.

Require Passcode Entry for Canceling Screen Lock

In Lock & Security menu, **Screen lock** → **Lock No.** →

Enter passcode → **Continue** → Re-enter passcode →

OK

- When an option other than **None** or **Slide** is selected, after Tapping **Screen lock**, cancel Screen lock to proceed.

Require Password Entry for Canceling Screen Lock

In Lock & Security menu, **Screen lock** → **Password** → Enter password → **Continue** → Re-enter password → **OK**

- When an option other than **None** or **Slide** is selected, after Tapping **Screen lock**, cancel Screen lock to proceed.

Set whether to Show Owner Information in Welcome Sheet (Lock Screen)

In Lock & Security menu, **Owner info** → **Show owner info on lock screen**

- Tap **Show owner info on lock screen** to toggle on () / off () .
- After enabling **Show owner info on lock screen**, enter owner information.
- To show owner information, Tap **i** in Welcome sheet (lock screen). (Tap **x** to hide it.)

Control Access of Applications to Address Book

In Lock & Security menu, **Contacts data access monitor** → Tap application → **Permit access** or **Prohibit access** → **OK**

- Select **Notify statusbar** to show a notification when an application accesses Address Book.

Enable/Disable Installation of Non-Google Play Applications

In Lock & Security menu, **Unknown sources**

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

Language & Input Settings

Item	Description
Select language	Select handset interface language.
Spell checker	Enable/disable spelling correction.
Personal dictionary	Save words to user dictionary.
Default	Set default input method.
Android keyboard	Adjust Android keyboard settings.
Google voice typing	Enable/disable voice input.
iWnn IME - SH edition	Adjust iWnn IME - SH edition settings.
Voice Search	Set voice search options.
Text-to-speech output	Set text-to-speech options.
Pointer speed	Set pointer speed for mouse/trackpad use.

1

In application sheet,  (Settings)



2

Other settings



 Other settings opens.

3

Language & input



 Language & input menu opens.

4

Set each item

🚩 Setting is complete.

+ Language & Input Operations

Select Handset Interface Language

In Language & input menu, **Select language** → Tap option

Save Words to User Dictionary

In Language & input menu, **Personal dictionary** → +
 → Tap Phrase field → Enter word/phrase → **Next**
 → Enter keyword → **Done** → Select language →

· To delete a word, Tap it then Tap 🗑️.

Adjust Android Keyboard Settings

In Language & input menu, ⌵ in Android keyboard field
 → Tap item → Follow onscreen prompts
 · For some items, setting completes upon Tapping the item.

Adjust iWnn IME - SH edition Settings

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

In Language & input menu, ⌵ in iWnn IME - SH edition field
 → Tap category → Tap item → Follow onscreen prompts
 · For some items, setting completes upon Tapping the item.

Date & Time Settings

Item	Description
Automatic date & time	Set date and time automatically.
Auto timezone	Enable/disable automatic time zone adjustment.
Set date	Set date manually.
Set time	Set time manually.
Select time zone	Set time zone manually.
Use 24-hour format	Enable/disable 24-hour format.
Choose date format	Set date format.

1

In application sheet, 📄 (Settings)



2

Other settings



🚩 Other settings opens.

3

Date & time



🚩 Date & time menu opens.

4

Set each item

🚩 Setting is complete.

+ Date & Time Operations

Set Date & Time Automatically

In Date & time menu, **Automatic date & time**

- Tap **Automatic date & time** to toggle on ()/off ().

Enable/Disable Automatic Time Zone Adjustment

In Date & time menu, **Auto timezone**

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

Set Date Manually

In Date & time menu, **Set date** → **Select date** → **OK**

- Available when **Automatic date & time** is off.

Set Time Manually

In Date & time menu, **Set time** → **Select time** → **OK**

- Available when **Automatic date & time** is off.

Set Time Zone Manually

In Date & time menu, **Select time zone** → Tap country/area

- Available when **Auto timezone** is off.

Enable/Disable 24-hour Format

In Date & time menu, **Use 24-hour format**

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

Set Date Format

In Date & time menu, **Choose date format** → Tap option

Developer Options

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

1

In application sheet,  (Settings)



2

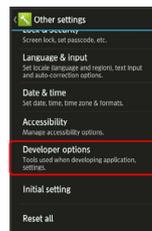
Other settings



 Other settings opens.

3

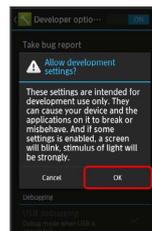
Developer options



 Developer options appear.

4

OFF on Action Bar → **OK**



 All developer options are available (**ON**).

- To disable developer options, Tap **ON** (**OFF**).

5

Set each item

🚩 Setting is complete.

Reset All

Delete all handset system memory files.

- Reset all deletes all handset system memory files including some preinstalled applications irreversibly. Back up important information before performing Reset all.

1

In application sheet,  (Settings)



2

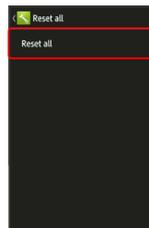
Other settings



🚩 Other settings opens.

3

Reset all  Reset all



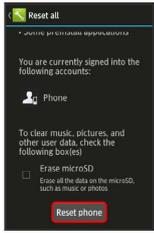
4

Enter Operation Password  OK

🚩 Reset all window opens.

5

Read message → Reset phone



To delete all SD Card files simultaneously, Tap **Erase microSD** (✓).

6

Erase everything

🚩 Reset all starts.

Appendix

Specifications.....	108
Customer Service.....	109

Specifications

Handset

Item	Description
Weight	119 g (with Internal Battery) ¹
Internal Battery Capacity	2,080 mAh
Continuous Talk Time ²	3G: 700 minutes ¹
Continuous Standby Time ³	3G: 560 hours ¹ 4G: 380 hours ¹
Continuous One Seg Reception Time ⁴	9.5 hours ¹
Charging Time ⁵	210 minutes ¹
Dimensions (W x H x D)	60 mm x 122 mm x 11.9 mm (without protruding parts) ¹
Maximum Output	3G: 0.25 W 4G: 0.2 W

1 Approximate value.

2 Average measured with handset fully charged, in strong signal conditions at rest.

3 Average measured with handset fully charged, without calls or operations, in strong signal conditions at rest, and with Data transmission and Urgent News disabled. May vary with battery strength, ambient temperature, settings, etc.

4 Average measured with handset fully charged, with Sound setting set to Surround and Screen size set to Standard, using Headphones with Mic (optional accessory), until Battery runs low (10% of capacity).

5 Measured with power off using AC Charger.

· Talk Time, Standby Time and One Seg Reception Time when Eco backlight control is disabled, Outdoor view is enabled, Brightness is set to approximately half of maximum (11 of 21) and Always measurement (of Radiation measurement) is disabled.

· Talk Time/Standby Time/One Seg Reception Time may vary with location, status, settings, etc.

· Display employs precision technology; however, some pixels may remain on/off.

AC Charger

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

1 Approximate value.

Customer Service

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

SoftBank Customer Support

General Information

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

Customer Assistance (Repairs/Lost Handsets)

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

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.....	112
Important Product Information.....	117
Handset & Hardware Care.....	119
General Notes.....	121
FCC Notice.....	122
RF Exposure Information/Specific Absorption Rate* (SAR) Information.....	123
Water Resistance.....	124

Safety Precautions

Read Safety Precautions before using handset.

Observe precautions to avoid injury to self or others, or damage to property.

SoftBank Mobile Corp. is not liable for any damages resulting from use of this product.

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

DANGER



Compulsory

Use specified Charger and Micro USB Cable only.

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



Do Not Disassemble

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

May cause fire, injury, electric shock or malfunction.

Internal Battery may leak, overheat, burst or ignite.

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



Avoid Liquids Or Moisture

Do not expose internal handset parts or Charger to liquids.

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



Prohibited

Do not charge, use, or leave handset or related hardware in extreme heat (fire, heat sources, direct sunlight, inside vehicles, etc.).

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

May cause warping/malfunction; Internal Battery may leak, overheat, ignite or burst. Handset or related hardware may become hot to the touch, leading to burns or other problems.



Prohibited

Do not force Charger into handset. Check Micro USB plug orientation; retry.

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

⚠ WARNING

Prohibited

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

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



Prohibited

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

Internal 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 NFC (including Osaifu-Keitai®) at gas stations; unlock NFC (including Osaifu-Keitai®) before powering off.



Prohibited

Do not drop/throw or subject to strong impact.

Internal 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, then power off, being careful not to burn or injure yourself.



Prohibited

Keep liquid (e.g., pet urine) and conductive material (e.g., pencil lead, metal strip/jewelry) away from External Device Port.

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



Prohibited

Never charge handset while it is wet.

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



Prohibited

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

Internal Battery may leak, overheat, burst or ignite. Handset/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 away from infants and pets.

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



Compulsory

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

Misuse may cause injury or other problems.

Internal Battery

⚠ DANGER

Use/dispose of Internal Battery according to battery type.

Symbol on Label	Battery Type
Li-ion00	Lithium-ion



Prohibited

Do not dispose of handset in fire.

Internal Battery may leak, burst, ignite, etc.



Prohibited

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

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



Compulsory

If battery fluid gets in eyes, do not rub; rinse with clean 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 charging continues even after specified Charging Time, stop it.

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



Compulsory

For abnormal odor, excessive heat, discoloration or distortion, move handset away from sources of flame, being careful not to burn or injure yourself.

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



Compulsory

Do not let your pet bite handset; if this occurs, do not use that handset.

Pet bites may cause Internal Battery to leak, overheat, burst or ignite. May cause handset/related hardware to malfunction, or fire may result.

⚠ CAUTION

Prohibited

Do not dispose of handset with ordinary refuse.

Battery is built into handset; take handset to a SoftBank Shop for appropriate disposal.

Handset

WARNING



Do not use handset while driving or cycling.

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



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

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



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

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



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

May cause heart damage.



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

There is a risk of lightning strike or electric shock.



Do not look into Infrared Port during Infrared transmissions.

Eyesight may be affected.



Do not shine Mobile Light in eyes.

May temporarily affect eyesight or startle, leading to accidents.

CAUTION



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

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



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

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



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

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



Do not swing handset by Strap.

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



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

Prolonged contact with skin may cause burns.



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

Excessive volume may damage ears or hearing.



Watch One Seg from a distance in good light.

Watching in poor light or too close may affect eyesight.



Moderate handset Volume when using Headphones.

Excessive volume may damage ears or hearing.

Charger (including Optional Accessories)

WARNING



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 a dry cloth.

Fire may result.



Compulsory

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

May cause electric shock, short-circuiting, 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 or other problems.



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 or other problems. 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 or other problems.



Compulsory

Always grasp plug (not cord/cable) to disconnect Charger.

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



Prohibited

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

May cause malfunction or injury.

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 15 cm away.

Radio waves may interfere with implanted pacemakers or defibrillators.



Compulsory

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

Radio waves may interfere with electronic medical equipment.



Compulsory

If it may not be possible to keep handset 15 cm away from other persons (e.g., in a crowded situation where you cannot move freely), suspend signal-transmitting functions (e.g., by activating Airplane mode) or power off beforehand. If an application that automatically powers handset on is installed, disable that feature before powering off. 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 mobile phone 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 Corp. is not liable for any damages resulting from accidental loss/alteration of handset/SD Card files or settings. Keep separate copies of contacts and other important information.
- Handset transmissions/One Seg reception may be disrupted inside buildings, tunnels or underground, or when moving into/out of such places; may affect calls or One Seg images/video streams.
- Use handset without disturbing others.
- Handsets are radios as stipulated by the Radio Law. Under the Radio Law, handsets must be submitted for inspection upon request.
- Handset use near landlines, TVs or radios may cause interference.
- Beware of eavesdropping.
Because this service is completely digital, the possibility of signal interception is greatly reduced. However, some transmissions may be overheard.
Eavesdropping
Deliberate/accidental interception of communications constitutes eavesdropping.
- Beware of harmful/malicious websites. Take added care when posting personal information.
- An export license may be required to carry handset into other countries if it is to be used by or transferred to another person. However, no such license is required when taking handset abroad for personal use on a vacation or business trip and then bringing it back. Export control regulations in the United States provide that an export license granted by the US government is required to carry handset into Cuba, Iran, North Korea, Sudan or Syria.

Heat from Handset Use

- Handset internal temperature may increase depending on usage or environment; may cause housing to heat up. (Handset may stop charging or Display brightness may be adjusted for safety.) After a period of handset use under such conditions, warning appears and handset shuts down after approximately 3 minutes. To lower internal temperature and prevent automatic shutdown, exit all applications and activate Screen lock.
- After a period of Camera use at high internal temperature, warning appears and handset automatically shuts down after approximately 1 minute. (Shot image is saved.)

Camera

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

In-Call/Transmission Cautions

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

Urgent News (Application)

- Handset receives earthquake alerts by default (Urgent News Incoming Setting is enabled).
- Alert tones sound even in Silent 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 Corp. 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, and used by radio stations, amateur radio stations, etc. (hereafter "other radio stations").

- 1 Before using Wi-Fi, visually check that no other radio stations sharing the same frequency band are in use nearby.
- 2 Should interference occur between handset and other radio stations, move 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 and 5 GHz band with DSSS-OFDM modulation. Maximum transmission radius is 40 meters.

To view related information (Japanese):

In application sheet,  (Settings)  [Device info](#) 

Authentication

2.4DS/OF4

Available Channels in the 5 GHz Band

Three bands are available within the 5 GHz frequency band: 5.2 GHz, 5.3 GHz and 5.6 GHz (W52/W53/W56).

- W52 (5.2 GHz band; channels 36, 38, 40, 44, 46, 48)
- W53 (5.3 GHz band; channels 52, 54, 56, 60, 62, 64)
- W56 (5.6 GHz band; channels 100, 102, 104, 108, 110, 112, 116, 118, 120, 124, 126, 128, 132, 134, 136, 140)

Using the 5.2 GHz or 5.3 GHz band (W52/W53) for outdoor communication is prohibited by the Radio Law.

■Simultaneous Use with Bluetooth®

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

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

Bluetooth® Function

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

■Precautions

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

- 1 Before using Bluetooth®, visually check that no other radio stations sharing the same frequency band are in use nearby.
- 2 Should interference occur between handset and other radio stations, move 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. FH1 indicates FHSS modulation with maximum transmission radius of 10 meters. XX4 indicates a different modulation scheme with maximum transmission radius of 40 meters. It is not possible for the radio station to avoid using the frequency band of a mobile unit identification apparatus.

To view related information (Japanese):

In application sheet,  (Settings)  **Device info** 

Authentication

2.4FH1/XX4

Wireless Output

Mirror Display contents to other devices by connecting handset to nearby Wi-Fi Direct compatible devices through Wi-Fi. (Wireless output)

Remember these points when using wireless output:

- Wireless output may be unavailable depending on handset application.
- Some applications may exit upon starting wireless output depending on handset application settings.

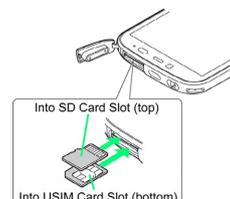
Handset & Hardware Care

Handset & Hardware Care

- If handset is left uncharged, data may be altered/lost. SoftBank Mobile Corp. is not liable for any resulting damages.
- Use handset within 5°C - 35°C (up to 40°C for brief periods in bathrooms, shower rooms, etc.) and 35% - 90% humidity.
- Avoid extreme temperature or direct sunlight.
- Handset/Internal Battery may become warm during operation or while charging. This is normal.
- Warranty does not cover malfunctions resulting from misuse.
- Exposing Camera area to direct sunlight may damage Color Filter and affect image color.
- Handset may not charge properly if Port is obstructed by dust, debris, etc. Clean with a dry cloth, cotton swab, etc.
- Clean handset with a soft dry cloth. Alcohol/solvent use may fade color/print.
- Avoid scratching Display.
- Avoid heavy objects or excessive pressure. May cause malfunction or injury.
 - Do not sit on handset in back pants pocket.
 - Do not place heavy objects on handset inside handbags, packs, etc.
- Handset back cover is not removable. Do not try to remove it; may cause damage or malfunction, or affect water resistance.
- Connect only specified products to Port. Other devices may malfunction or cause damage.
- 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.

SD Card Slot

SD Card Slot is located above USIM Card Slot. Do not insert SD Card into USIM Card Slot; insert it in correct orientation (see below).



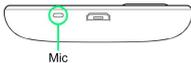
Touchscreen

- Touchscreen may not respond in these situations:
 - Use with gloves/long fingernails
 - Use of pens, pencils or sharp objects
 - Use with objects on/against Display
- To prevent malfunctions, do not:
 - Touch Display with wet fingers
 - Use if Display is wet
 - Subject Display to force/pressure
 - Place labels or stickers over Display
- If Display is wet, wipe it with a soft cloth.
- To improve response, calibrate Touchscreen as follows.

In application sheet,  (Settings)   (Device info)   (Adjust touch panel)  Follow onscreen prompts
- In the following cases, Press  to activate Screen lock, then Press  again to cancel it.
 - 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.

Headphones

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

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

Forcing Power Off

If handset has stopped processing or won't respond to operation, Press  for at least 11 seconds and release finger. Wait a few seconds and Long Press ; handset powers on.

Picasa™ Web Albums Sync Note

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

Saving Battery Power

To reduce battery consumption:

In application sheet,  (Settings)   (Energy saving)   (Energy saving settings)  (Confirmation appears)   or   (Confirmation appears)

■ Notes

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

 (below Waza.)   (next to Energy saving standby)     or  next to target application
- Some applications that establish periodic network connections do not start communication after switching back to Norm. from Waza. or Emerg. In this case, power off, then power back on.

General Notes

Portrait Rights

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

Copyrights

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

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

Open Source Software

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

To check details of relevant software licenses:

In application sheet,  (Settings)  Device info 

 Legal information  Open source licenses

- The source code of software based on GPL, LGPL, and Mozilla Public License (MPL) is provided on the following website free of charge.
<https://sh-dev.sharp.co.jp/android/modules/oss/> (Japanese)

Electromagnetic Safety in Europe

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

CE Declaration of Conformity

In some countries/regions including Europe, there are restrictions on the use of 5 GHz WLAN that may limit the use to indoors only.

If you intend to use 5 GHz WLAN on the device, check the local laws and regulations beforehand.

Hereby, Sharp Telecommunications of Europe Ltd, declares that 205SH 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/>

CE0168

Battery Cautions

Use specified Charger only.

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

Battery is built into handset. Do not dispose of handset with ordinary refuse; take it to a SoftBank Shop for appropriate disposal.

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

European RF Exposure Information

Your mobile device is a radio transmitter and receiver. It is designed not to exceed the limits for exposure to radio waves recommended by international guidelines. These guidelines were developed by the independent scientific organization ICNIRP and include safety margins designed to assure the protection of all persons, regardless of age and health. The guidelines use a unit of measurement known as the Specific Absorption Rate, or SAR. The SAR limit for mobile devices is 2.0 W/kg and the highest SAR value for this device when tested at the ear was 0.414 W/kg*. As mobile devices offer a range of functions, they can be used in other positions, such as on the body as described in this User Guide**. In this case, the highest tested SAR value is 0.417 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 hands-free device to keep the mobile phone away from the head and body.

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

**Please see "[Electromagnetic Safety in Europe](#)" for important notes regarding body-worn operation.

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

World Health Organization

<http://www.who.int/emf>

List of Specific Absorption Rates (SAR) for radio waves by smartphone model

<http://mb.softbank.jp/mb/support/sar/> (Japanese)

Headphone Signal Level

The maximum output voltage for Music Player function, measured in accordance with EN 50332-2, is 12.0 mV.

5 GHz WLAN Operation in USA

Within the 5.15-5.25 GHz band, U-NII devices are restricted to indoor operations to reduce any potential for harmful interference to co-channel Mobile Satellite Services (MSS) operations.

FCC Notice

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

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

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

FCC Information to User

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

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

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

FCC RF Exposure Information

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

The guidelines are based on standards that were developed by independent scientific organization through periodic and thorough evaluation of scientific studies. The standards include a substantial safety margin designed to assure the safety of all persons, regardless of age and health.

The exposure standard for wireless handsets employs a unit of measurement known as the Specific Absorption Rate, or SAR. The SAR limit set by the FCC is 1.6 W/kg. The tests are performed in positions and locations (e.g. at the ear and worn on the body) as required by the FCC for each model.

The highest SAR value for this model handset as reported to the FCC when tested for use at the ear is 0.49 W/kg, and when worn on the body in a holder or carry case, is 0.38 W/kg.

Body-worn Operation; 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 under the Display Grant section of <http://www.fcc.gov/oet/ea/> after searching on FCC ID APYHRO00193.

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

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

RF Exposure Information/Specific Absorption Rate (SAR) Information

This mobile phone SoftBank 205SH meets the MIC's**** technical regulation for exposure to radio waves.

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

The regulation employs a unit of measurement known as the Specific Absorption Rate, or SAR.

The SAR limit is 2 watts/kilogram (W/kg)** averaged over ten grams of tissue.

The limit includes a substantial safety margin designed to assure the safety of all persons, regardless of age and health. The value of the limit is equal to the international guidelines recommended by ICNIRP*****.

The highest SAR value for this mobile phone is 0.510 W/kg when tested for use at the ear.

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

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

Use at positions other than at the ear

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

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

For more information about SAR, see the following websites:

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

*The technical regulation is provided in Article 14-2 of the Ministry Ordinance Regulating Radio Equipment.

**Provided for in "Radio-radiation protection guidelines," reported in 1997 by the Telecommunications Technology Council, Ministry of Posts and Telecommunications.

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

****Ministry of Internal Affairs and Communications

*****International Commission on Non-Ionizing Radiation Protection

Standards of the Federal Communications Commission (FCC) of the U.S. Government and information from the E.U. are given as information relating to RF exposure. For details, see

Water Resistance

Water Resistance

Handset complies with IPX5 (former JIS protection level 5)¹ and IPX7 (former JIS protection level 7)² water protection standards, with Card Slot Cover closed firmly. (Handset is not dust proof.)

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.

- Water resistance may be affected under some circumstances. Warranty does not cover malfunctions resulting from misuse.
- Handset is compliant with IPX5 and IPX7 water protection standards. However, ingress of beverage, sea water, etc. may cause malfunction.

■ Handset Care

- Close Card Slot Cover firmly. Debris (hair, sand, fibers, etc.) trapped between gasket and base may allow ingress of liquid.
- If Card Slot Cover is left open liquid exposure may cause handset malfunction/electric shock. Discontinue use and power off.
- If handset is wet, wipe it with a dry cloth.
- Never open/close Card Slot Cover with wet hands or while handset is wet.
- Do not use Headphone Port or External Device Port while it is wet or obstructed by sand/dirt; water resistance may be affected, or malfunction, burns or fire may result due to electric shock or short-circuiting.
- Handset is only water resistant against fresh/tap water between 5°C - 35°C.

Precautions

- Do not subject handset to soap, detergent, bath powder/oil, sea/pool/spa water, hot water, etc.
- Rinse off sea/pool water, beverage, dirt, sand, mud, etc. immediately with fresh/tap water between 5°C - 35°C; 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 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 or other sources.
- Use handset within 5°C - 35°C (up to 40°C for brief periods in bathrooms, shower rooms, etc.) and 35% - 90% humidity.
- Avoid extreme temperature (near stoves, inside refrigerators, etc.).
- Volume may be low when Mic, Earpiece or Speaker is wet; dry handset before use (see "[Drying Handset](#)").
- Charger and optional accessories are not water or dust proof. Avoid moisture (precipitation, bath/shower, etc.); may cause fire, electric shock or damage.
- Do not subject handset to strong impact; do not poke Mic, Earpiece, Speaker, etc. with a cotton swab or sharp object; water resistance may be affected.
- Avoid placing handset directly on sand. Sand may penetrate Earpiece, Speaker, etc., resulting in low volume.
- Touchscreen may not respond properly if wet or touched with wet fingers.
- Do not move handset directly from a cold place to a warm humid place; condensation may occur. Should this happen, dry handset naturally at room temperature.
- Handset does not float on water.
- Keep handset out of heavy rain.
- Do not let liquid-exposed handset remain wet; exposure to cold may freeze liquid causing malfunction.
- Damaged Card Slot Cover affects water resistance; contact a SoftBank Shop.

Charging Precautions

- Never charge handset while it is wet; may cause fire, malfunction or burns due to electric shock or short circuiting. Be sure to dry it before use.
- 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, bathrooms, shower rooms, etc.); may cause fire or electric shock.
- If External Device Port is exposed to liquid, never charge handset; 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 Card Slot Cover gasket is crucial for continued handset water resistance. Observe the following:
 - Do not remove or damage gasket. Keep it clean.
 - Do not insert sharp objects into Card Slot Cover gap, Headphone Port or External Device Port; may damage gasket and affect water resistance.
 - If Card Slot Cover is damaged or deformed, contact a SoftBank Shop.
- To maintain water resistance, replace Card Slot Cover every 2 years regardless of its condition. Customer-requested Card Slot Cover 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 a cloth. Then hold handset approximately 10 cm below faucet or shower head and wash with low-pressure tap water (6 liters/min. or lower) at room temperature (5°C - 35°C). Wash with your hands, taking care not to open Card Slot Cover; do not use a brush or sponge. Dry handset before use; after drying it well, power on.

- Before washing handset, make sure that Card Slot Cover is closed firmly.
- Do not use a washing machine or ultrasonic cleaner.
- Headphone Port and External Device Port tend to accumulate dust, sand, etc.; rinse and dry them completely before use. Any residue may cause malfunction, burns or fire.
- Do not put a cotton swab, cloth, etc. into Headphone Port or External Device Port; water resistance may be affected causing malfunction.
- Do not place handset in a microwave oven to dry it. Internal 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 or other sources); may cause warping, discoloration or damage.

Drying Handset

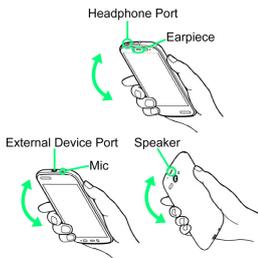
Dry Headphone Port, Earpiece, External Device Port, Mic and Speaker when exposed to water.

1

Wipe handset surface with dry cloth

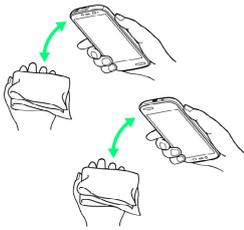
2

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 openings.

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, External Device Port or other parts.
- Exposure to cold may freeze moisture; may cause malfunction.

205SH User Guide Index

A

About Settings.....	88
Add Account.....	93
Address Book.....	50
Applications.....	20
Application Settings.....	96

B

Basic Operations.....	18
Bluetooth®.....	77

C

Calling.....	44
Calling from Outside Japan.....	83
Charging Handset.....	13
Creating/Sending Gmail.....	56
Customer Service.....	109
Customizing 3-Line Home.....	39

D

Device Info.....	92
------------------	----

F

FCC Notice.....	122
-----------------	-----

G

General Notes.....	121
Global Roaming.....	82
Google Play™.....	26
Google™ Accounts.....	24

H

Handset & Hardware Care.....	119
Handset Phone Number.....	20
Home Applications Setting.....	94

I

Important Product Information.....	117
Introduction.....	3

M

Measuring Radiation.....	31
Messaging.....	52
Mobile Manners.....	21
Music & Images.....	70
Music Files (Music).....	70

N

Notifications Window.....37

O

Opening & Replying to S! Mail/SMS..... 54
 Opening Received Gmail..... 57
 Opening Received S! Mail/SMS.....56
 Optional Services.....45
 Other Settings.....96

P

Package Contents..... 6
 Parts & Functions.....6
 Photo Camera..... 66
 Power On/Off..... 14

Q

Quick Start Key Settings.....92

R

RF Exposure Information/Specific Absorption Rate*
 (SAR) Information.....123

S

Safety Precautions..... 112
 Screen Lock..... 29
 SD Card..... 9
 Security Codes..... 27
 Sending S! Mail/SMS.....52
 Software Updates.....30
 Sound Settings.....89
 Specifications.....108
 Status Bar..... 36
 Still Images & Video (Album).....71
 Storage Settings.....95

T

Tethering Option..... 76
 Text Entry.....21
 Touchscreen Operations..... 15

U

USIM Card Installation..... 8
 USIM PIN.....28
 Using Application Usage History..... 38
 Using Internet Mail..... 58

V

Video Camera..... 67

W

Wallpaper & Display Settings.....91
 Water Resistance.....124
 Web Browsing (Browser)..... 60
 Welcome Sheet (Lock Screen) Basics.....34
 Wi-Fi.....74
 Wi-Fi Settings.....94

3

3-Line Home Basics..... 35

SoftBank 205SH User Guide

August 2013, First Edition
SoftBank Mobile Corp.

Visit [SoftBank Shop](#) for assistance

Model : SoftBank 205SH
Manufacturer : SHARP CORPORATION