



101N User Guide

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Introduction

Thank you for purchasing SoftBank 101N.

Before You Begin

- SoftBank 101N is referred to as "handset" in this guide.
- Read "Safety Precautions" and this guide thoroughly beforehand for proper usage.
- Accessible services may be limited by contract conditions or service area.
- Unauthorized copying of any part of this guide is prohibited.
- Guide content subject to change without prior notice.
- Contact SoftBank Customer Support, General Information if you find inaccuracies.

Guide Usage Notes

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

Screenshots & Key Labels

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

Accessing Guide on Handset

Access this Guide on handset via Guide icon in Home Screen or via Guide indicator on Status Bar.

Guide indicator appears on Status Bar by default. Follow these steps to hide Guide indicator:

Access Guide →  → Indicator → off

Getting Started

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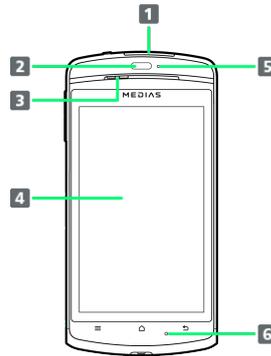
Package Contents

Package Contents

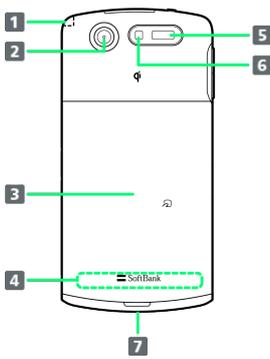
- Handset (SoftBank 101N)
- Battery (NEBAW1)
- Wireless Charger (NEEAW1)
- Micro USB Adapter for Charging (NECAW1)
- Micro USB 3.5 mm Adapter (NEDAW1)
- 2 GB microSD Card (Complimentary Sample)
- クイックスタート (Japanese)
- お問い合わせ (Japanese)
- Wireless Charger Instruction Manual (Japanese)
- Warranty (handset, Wireless Charger) (Japanese)

Parts & Functions

Front/Top/Bottom

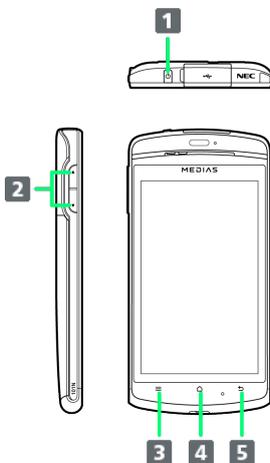


Part	Description
1 External Connector	Connect Micro USB Cable
2 Proximity/Light sensor	Proximity sensor: Prevents accidental operation of Touchscreen during a call. Light sensor: Detects brightness of surroundings.
3 Receiver/Speaker	Other party's voice sounds here for calls. This is positioned to the left, so position your ear accordingly.
4 Touchscreen Display	Tap, Swipe/Flick, etc.
5 Notification Lamp	Lights/blinks to indicate handset status
6 Mic	Speak here for calls. Take care to avoid blocking Mic with your fingers.



Part	Description
1 TV Antenna	Receives One Seg (Digital TV) signal
2 Camera	Capture images
3 Battery Cover	Access SD/USIM Card or Battery
4 Internal Antenna	Conducts handset transmissions
5 Infrared Port	For infrared transmission.
6 Light	For taking photos and videos.
7 Strap Slot	Attach Strap here.

Handset Keys



Part	Description
1	Toggle Display Backlight on/off Long Press for Power on/off
2	Adjust Volume
3	Show Menu options
4	Return to Home Screen. Long Press for running applications
5	Go Back/Escape

USIM Card Installation

USIM Card IC chip contains customer and authentication information, including handset number.

Inserting USIM Card

1

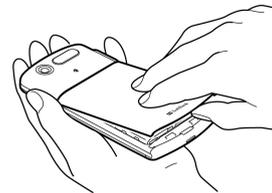
Lift Battery Cover



· Use slot to lift Battery Cover.

2

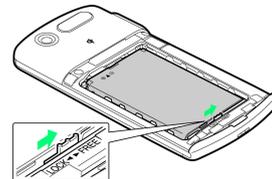
Remove Battery Cover



· Insert finger into gap to remove Battery Cover, without forcing.

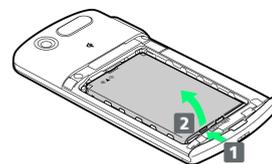
3

Slide Lock Switch to FREE side



4

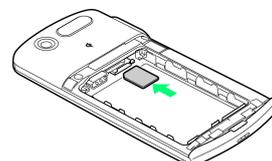
Remove Battery



· Keep pressing Battery **1** as you lift it **2**.

5

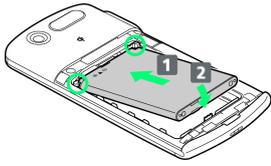
Insert USIM Card



· Slide in USIM Card with IC chip down.

6

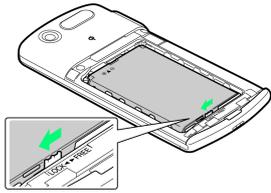
Insert Battery



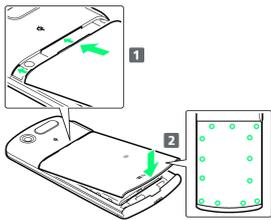
- Engage Battery studs in slots (product name facing up), slide Battery **1** in so that terminals meet, then lower **2**.
- Do not force Battery into place if studs are not engaged in slots, because you might break studs.

7

Slide Lock Switch to LOCK side

**8**

Attach Battery Cover



- Insert studs of Battery Cover **1**, then press Battery Cover firmly down **2**.
- Press down firmly at circled locations and check there are no gaps between Battery Cover and Body.

Removing USIM Card

1

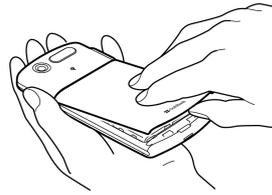
Lift Battery Cover



- Use slot to lift Battery Cover.

2

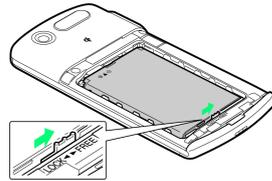
Remove Battery Cover



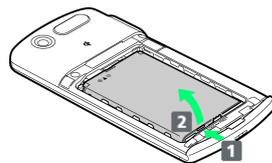
- Insert finger into gap to remove Battery Cover, without forcing.

3

Slide Lock Switch to FREE side

**4**

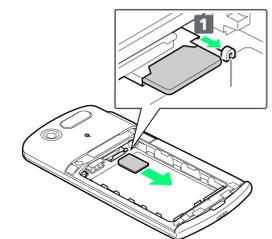
Remove Battery



- Keep pressing Battery **1** as you lift it **2**.

5

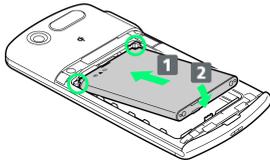
Remove USIM Card



- Pull Lever **1** to pull USIM Card out, then remove it slowly.

6

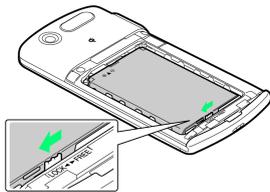
Insert Battery



- Engage Battery studs in slots (product name facing up), slide Battery **1** in so that terminals meet, then lower **2**.
- Do not force Battery into place if studs are not engaged in slots, because you might break studs.

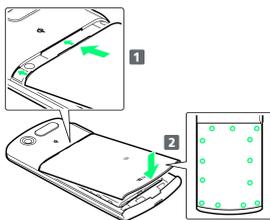
7

Slide Lock Switch to LOCK side



8

Attach Battery Cover



- Insert studs of Battery Cover **1**, then press Battery Cover firmly down **2**.
- Press down firmly at circled locations and check there are no gaps between Battery Cover and Body.

! Precautions for Handling USIM Card

Heat Generation

USIM Card may get hot while in use, but that is not abnormal. Please continue to use it.

Handling

Do not drop USIM Card or subject it to impact. Such handling could break it.

Inserting and Removing USIM Card

Do not apply unnecessary force.

SD Card Installation

Handset accepts microSDHC/microSD Card up to 32 GB. Some SD Cards may not operate properly.

Inserting SD Card

Always power off first.

1

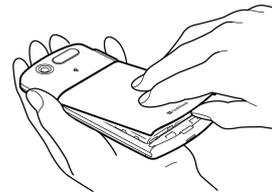
Lift Battery Cover



- Use slot to lift Battery Cover.

2

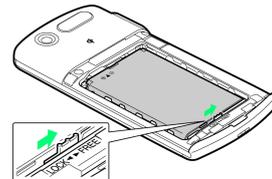
Remove Battery Cover



- Insert finger into gap to remove Battery Cover, without forcing.

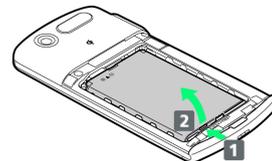
3

Slide Lock Switch to FREE side



4

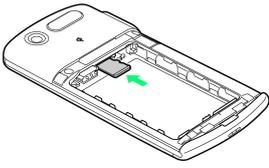
Remove Battery



- Keep pressing Battery **1** as you lift it **2**.

5

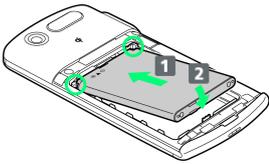
Insert SD Card



- Slide SD Card in horizontally (terminal side down) until it locks.
- Do not insert other objects.

6

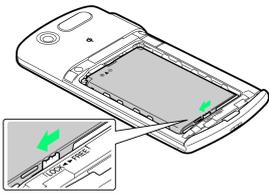
Insert Battery



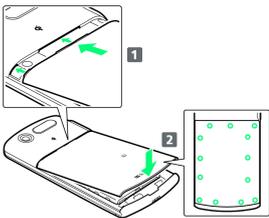
- Engage Battery studs in slots (product name facing up), slide Battery **1** in so that terminals meet, then lower **2**.
- Do not force Battery into place if studs are not engaged in slots, because you might break studs.

7

Slide Lock Switch to LOCK side

**8**

Attach Battery Cover



- Insert studs of Battery Cover **1**, then press Battery Cover firmly down **2**.
- Press down firmly at circled locations and check there are no gaps between Battery Cover and Body.

Removing SD Card

Always perform Unmount SD Card, then power off first.

1

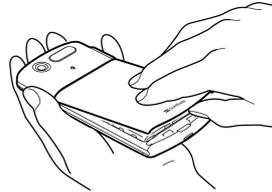
Lift Battery Cover



- Use slot to lift Battery Cover.

2

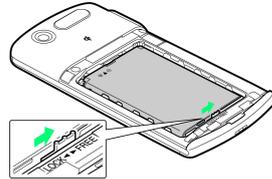
Remove Battery Cover



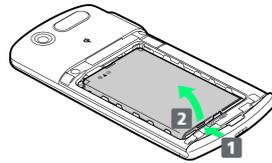
- Insert finger into gap to remove Battery Cover, without forcing.

3

Slide Lock Switch to FREE side

**4**

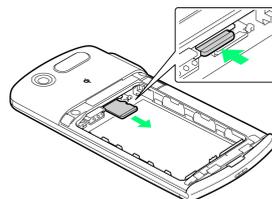
Remove Battery



- Keep pressing Battery **1** as you lift it **2**.

5

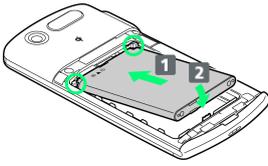
Remove SD Card



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

6

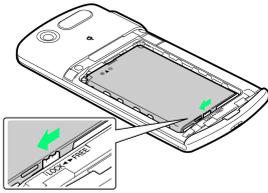
Insert Battery



- Engage Battery studs in slots (product name facing up), slide Battery **1** in so that terminals meet, then lower **2**.
- Do not force Battery into place if studs are not engaged in slots, because you might break studs.

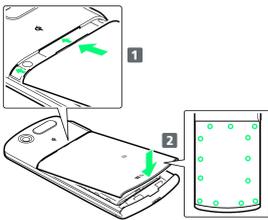
7

Slide Lock Switch to LOCK side



8

Attach Battery Cover



- Insert studs of Battery Cover **1**, then press Battery Cover firmly down **2**.
- Press down firmly at circled locations and check there are no gaps between Battery Cover and Body.

Formatting SD Card

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

- Format Card deletes all SD Card files, even those created on other devices.
- Charge Battery or install a charged Battery beforehand.

1

In Home Screen, Settings



2

Storage



3

Unmount SD card OK



Menu item changes from **Unmount SD card** to **Mount SD card**.

4

Erase SD card



5

Erase SD card



6

Erase everything

 Handset erases all SD Card files.

! Important SD Card Usage Notes

Back Up Your Files

SoftBank Mobile is not liable for any damages resulting from accidental loss/alteration of information. Keep a copy of contacts, etc. in a separate place.

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

Low Battery Warning

SD Card may not read/write files correctly if battery is low.

Battery Installation

Always power off before removing Battery.

Inserting Battery

1

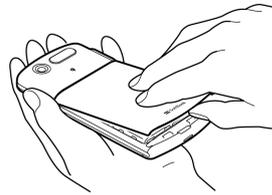
Lift Battery Cover



- Use slot to lift Battery Cover.

2

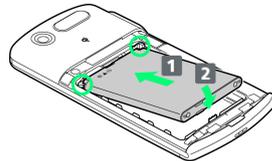
Remove Battery Cover



- Insert finger into gap to remove Battery Cover, without forcing.

3

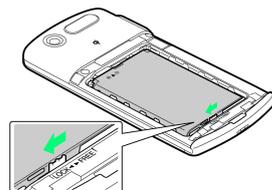
Insert Battery



- Engage Battery studs in slots (product name facing up), slide Battery **1** in so that terminals meet, then lower **2**.
- Battery cannot be attached if Lock Switch is on LOCK side.
- Do not force Battery into place if studs are not engaged in slots, because you might break studs.

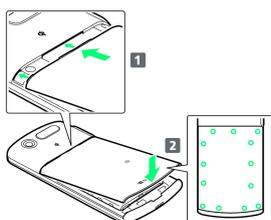
4

Slide Lock Switch to LOCK side



5

Attach Battery Cover

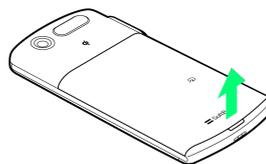


- Insert studs of Battery Cover **1**, then press Battery Cover firmly down **2**.
- Press down firmly at circled locations and check there are no gaps between Battery Cover and Body.

Removing Battery

1

Lift Battery Cover



- Use slot to lift Battery Cover.

2

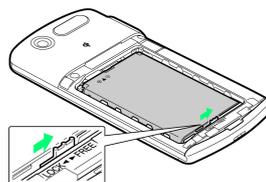
Remove Battery Cover



- Insert finger into gap to remove Battery Cover, without forcing.

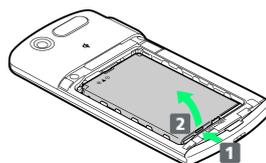
3

Slide Lock Switch to FREE side



4

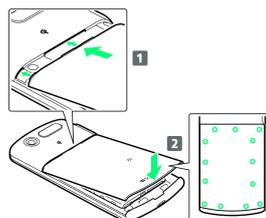
Remove Battery



- Keep pressing Battery **1** as you lift it **2**.

5

Attach Battery Cover



- Insert studs of Battery Cover **1**, then press Battery Cover firmly down **2**.
- Press down firmly at circled locations and check there are no gaps between Battery Cover and Body.

! Battery Cautions

Battery Care

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

Bulges

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

Replacing Battery

Replace Battery if operating time shortens noticeably.

Cleaning Charging Terminals

Clean device charging terminals with dry cotton swabs.

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.

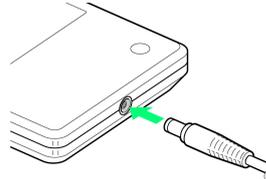
Charging Battery

Battery must be inserted in handset to charge it.

Wireless Charger

1

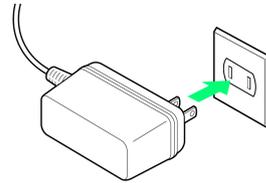
Insert the connector of the special AC adapter in Wireless Charger



· Do not connect anything other than the special AC adapter.

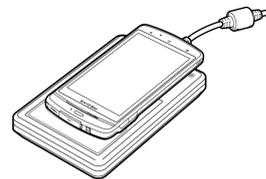
2

Plug the special AC adapter into an outlet



3

Place handset on Wireless Charger

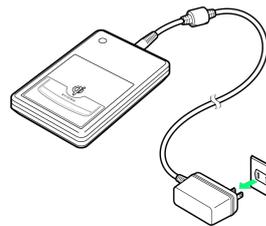


 Notification Lamp lights when charging starts, and goes out when charging is complete.

· Place handset on Wireless Charger with  together.

4

Take handset off Wireless Charger when charging is complete, and detach special AC adapter



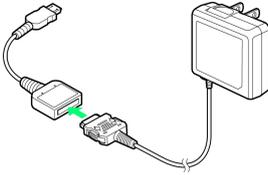
· Take special AC adapter out of outlet and disconnect connector from Wireless Charger.

Charger

Use accessory Micro USB Adapter for Charging and Softbank-approved AC Charger "ZTDAA1" (option) for charging.

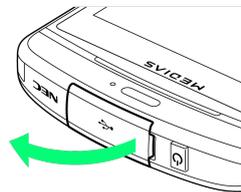
1

Insert AC Charger connector into Micro USB Adapter for Charging



2

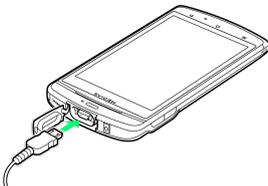
Open External Connector Cap



· Use fingernail in slot to open in arrowed direction.

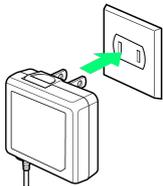
3

Insert Micro USB plug of Micro USB Adapter for Charging into External Connector



4

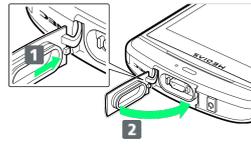
Plug in AC Charger



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

5

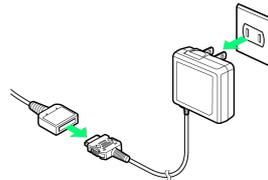
Remove Micro USB plug once charging is complete, and close External Connector Cap



· With tab on rear of External Connector Cap inserted **1**, push whole Cap firmly in **2** to close.

6

Disconnect Micro USB Adapter for Charging and AC Charger



· Detach AC Charger from Micro USB Adapter for Charging, and unplug it from outlet.

Power On/Off

Power On

1

 (Long Press)



 Home Screen appears.

- Initial setup menu opens before Home Screen appears after powering on for the first time.

Power Off

1

 (Long Press)



2

Power off  



 Handset shuts down.

Touchscreen Operations

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

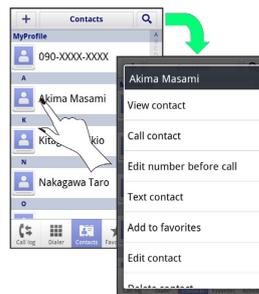
Tap

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



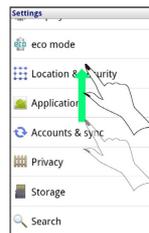
Touch & Hold

Touch item for 1+ seconds to move icons, open menus, etc.



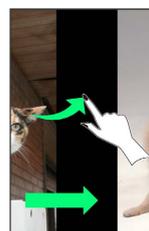
Drag

Drag item (e.g., Touchscreen unlock slider) to move it.



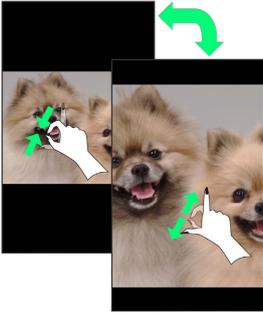
Swipe/Flick

Swipe/Flick to toggle sheets, pages, etc.



Pinch/Spread

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



Basic Operations

Basic Operations.....	20
Handset Phone Number.....	21
Mobile Manners.....	21
Text Entry.....	22
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Security Codes.....	26
USIM PIN.....	26
Activating Screen Lock.....	27
Software Updates.....	28

Basic Operations

Home Screen & Launcher

Home Screen top sheet appears at power on. Most handset operations start from Home Screen sheets or Launcher pages.



Handset Navigation

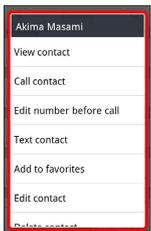
Tap menu items, icons, onscreen key, etc. to open assigned items.

- Press to go back or escape.



Menu Operations

Press for options. Alternatively, Touch & Hold Display for settings.



Handset Settings

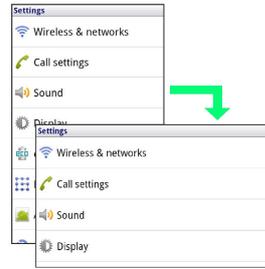
In Home Screen, Press Tap **Settings** to customize settings.



Handset & Display Orientation

In most cases, Display orientation changes with handset orientation.

- Some application content may not change with handset orientation.



Handset Phone Number

My Phone Number

1

In Home Screen,   Settings



2

About phone



3

Status



 Handset phone number appears.

Mobile Manners

Silent Mode

Cancel most handset sounds to avoid disturbing others around you.

- Camera shutter click sounds even in Silent mode.

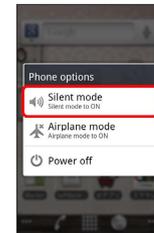
1

 (Long Press)



2

Silent mode



 Silent mode is set.

- In Silent mode, Long Press Power Key to cancel it.

Airplane Mode

Temporarily suspend all wireless connections.

1

 (Long Press)



2

Airplane mode



 Airplane mode is set.

· In Airplane mode, Long Press Power Key to cancel it.

Text Entry

Keyboards

Use onscreen keyboards for text entry. In Numeric Keypad, multiple characters are assigned to each key. In QWERTY Keypad, single characters are assigned to each key.

· Tap  then  /  while in a keyboard to switch between "Numeric Keypad" and "QWERTY Keypad".



QWERTY Keypad Layout



- 1 Text Entry
- 2 Toggle uppercase/lowercase or numbers/symbols
- 3 Toggle emoticons/symbols/fixed phrases/character code input, find contacts, and keyboards. Converts text to Kana and Alphanumeric during text entry
- 4 Current character type is indicated
- 5 Delete character before cursor
- 6 Line feed
- 7 Toggle character type. Touch & Hold for ATOK menu
- 8 Space
- 9 Enter symbols
- 10 Move cursor

Toggling Text Entry Modes

1



Character type changes.

- Each Tap changes character type.

Google Account

Create a Google Account to use Google services. Some services cannot be used and some applications/functions are limited without a Google Account.

Creating a Google Account

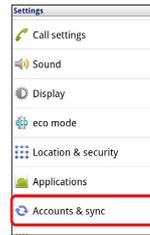
1

In Home Screen, Settings



2

Accounts & sync



3

Add account



4

Google



Add a Google Account appears.

5

Follow onscreen instructions

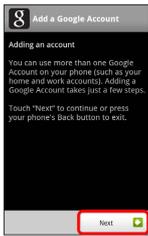
 Google Account is added.

Signing in to Google Account

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

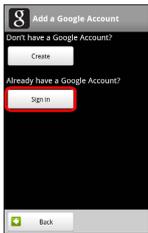
1

Next



2

Sign in



 Google Account sign in appears.

3

Follow onscreen instructions

 You are signed in to your Google Account.

Android Market™

Get applications in Android Market. Sign in to your Google Account beforehand.

Installing Free Applications

1

In Home Screen,   (Market)



 Market opens.

· If confirmation appears, follow onscreen instructions.

2

Tap application  FREE  OK

 Application downloads and installs.

Purchasing Applications

1

In Home Screen,   (Market)



 Market opens.

· If confirmation appears, follow onscreen instructions.

2

Tap paid application  Select price  OK  Follow onscreen instructions

 Application downloads and installs.

Updating Installed Applications

1

In Home Screen, (Market)



Market opens.

- If confirmation appears, follow onscreen instructions.

2

Tap application

Application downloads and installs.

- If confirmation appears, follow onscreen instructions.

Purchased Applications

Payments

Pay once. Re-downloads of uninstalled applications are complimentary.

Installations on Other Android Devices

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

Application Operations

Requesting Refunds

Refunds are possible within a limited time. Requesting a refund deletes the application and cancels the invoice. Request one refund per application.

In Market, Tap application Tap response

Automatic Application Updates

In Market, Tap application ()

Android Market Caution

Installing Applications

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

Purchasing Applications

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

Android Market Auto Update

Operation may be changed by auto update of Android Market or applications.

Security Codes

Code Types

Some functions/services require these codes for use.

- Do not reveal Security Codes. SoftBank Mobile is not liable for misuse or damages.
- If you forget Security Codes, contact us for recovery. For more information, see [SoftBank Mobile Website \(http://mb.softbank.jp/en/\)](http://mb.softbank.jp/en/).

Types	Details
Network Security Code	4-digit code in contract: Change services; use Optional Services via landlines; or set call restrictions

USIM PIN

A four-to-eight-digit code to prevent unauthorized use. It is set to 9999 by default.

Enabling USIM Card Lock

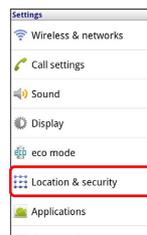
1

In Home Screen,   Settings



2

Location & security



3

PIN setting  PIN entry set  Enter USIM PIN  OK



 PIN is enabled.

Changing USIM PIN

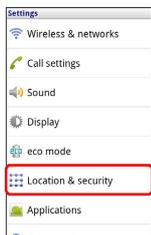
1

In Home Screen,   Settings



2

Location & security



3

PIN setting  Change PIN  Enter PIN  OK 
 Enter New PIN  OK  Enter New PIN again  OK



 PIN is changed.

! PIN Cautions

Entering PIN incorrectly three times activates PIN Lock. Enter PUK (Personal Unblocking Key) to unlock. For more about PUK, contact [SoftBank Customer Support](#).

Activating Screen Lock

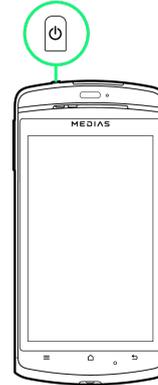
After set period of inactivity, Screen Lock activates. Press

 for Screen Lock window.

Canceling Screen Lock

1

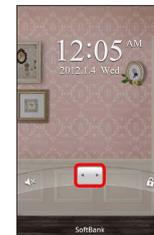
When Screen Lock is active, Press 



 Cancel Screen Lock window appears.

2

Hold  and Drag it to 



 Screen Lock is canceled.

Software Updates

Look for available updates. Update as required.

Software Updates

1

In Home Screen,   Settings



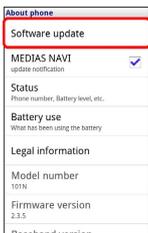
2

About phone



3

Software update



4

Update now



5

Updates by network / Updates by SD card  Follow

onscreen instructions

 Software updates.

Before Software Update

Handset data may be lost to damage or malfunction, etc. Always back up important files. Back up important information before Software Update. SoftBank Mobile is not liable for loss or associated damages.

Software Update Cautions

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

Confirm signal strength and battery charge beforehand. Poor signal strength or low Battery may disrupt updates leading to lost data or handset malfunction.

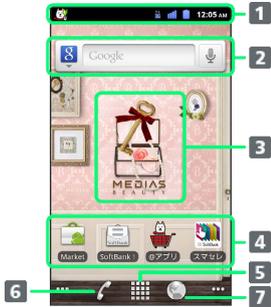
Handset Interface

Home Screen Basics.....	30
Status Bar.....	30
Notifications Window.....	31

Home Screen Basics

Home Screen top sheet appears at power on; most operations start here.

Layout



- 1 Status Bar & Notifications Window
- 2 Search Box
- 3 Open MEDIAS BEAUTY
- 4 Shortcuts
- 5 Access Application List
- 6 Activate Phone
- 7 Activate Browser

Toggling Home Screen Sheets

Home Screen consist of 7 sheets. Add shortcuts, widgets or folders to sheets. Swipe or flick left/right to toggle Home Screen sheets.

- In any Home Screen sheet, Press  to return to Home Screen top sheet.



Status Bar

Status Bar appears at the top of Display.

Status Bar



- 1 Notification Indicators
- 2 Status Indicators

Notification Indicators

These Notification Indicators appear in Notifications Window:

Icon	Description
	New Gmail
	New Email
	New SMS/S! Mail
	New Voicemail
	Music Playing
	Wi-Fi Available
	USB Connected
	Call in Progress
	Missed Call
	Data Uploading
	Data Downloading
	Installation Complete
	App Update Available
	Emergency Quake Alert

Status Indicators

These Status Indicators appear in Status Bar:

Indicator	Description
	3G Data in Use
	GSM Data in Use
	Wi-Fi Connected
	Bluetooth® On
	Bluetooth® Connected
	Airplane Mode
	Alarm Set
	Speakerphone On
	Data Syncing
	Signal Strength
	Roaming
	No Signal
	No USIM
	Manner Mode Active
	Mic Muted
	Charge Battery
	Battery Low
	Battery Charged
	Battery Charging

Notifications Window

Open notifications (missed call, etc.), check handset status or change various settings.

Opening Notifications Window

1

Drag Status Bar down



 Notifications Window opens.

· Alternatively, in Home Screen, Press  then Tap **Notifications**.

+ Closing Notifications Window

Touch Display bottom and Drag up to close Notifications Window.

· Alternatively, Press  to close Notifications Window.

Phone

Calling.....	34
Optional Services.....	35
Address Book.....	40

Calling

Learn calling basics, including handling incoming calls, and in-call operations.

Placing Calls

1

In Home Screen, 



 Phone window appears.

2

Dialer  Use onscreen dialpad to enter number



· Enter city code for landlines.

3



 Ringback tone sounds. Wait for receiver to accept call.

4

To end the call 



 Call ends.

Answering Calls

1

When call connects Drag  right



 Talk.

· Drag  to left to refuse call.

2

To end the call 



 Call ends.

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.

Emergency Location Report Cautions

If PIN entry setting is enabled, it is necessary to enter PIN code to receive emergency location reports when in Airplane mode.

Optional Services

This handset is compatible with SoftBank Optional Services.

Optional Services

Use these SoftBank Optional Services:

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

¹ Requires separate subscription

Call Forwarding

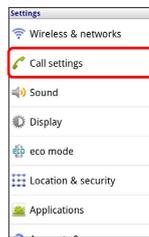
1

In Home Screen,   Settings



2

Call settings



 Call settings appears.

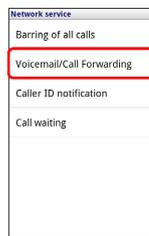
3

Network service



4

Voicemail/Call Forwarding



5

Call Forwarding ON



6

OK → Enter number → OK



7

Tap forwarding condition



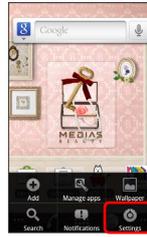
Call Forwarding is set.

- If **No reply** was set as the forwarding condition, set the ring time and Tap **OK**.

Voicemail

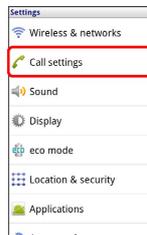
1

In Home Screen, [Menu] → Settings



2

Call settings



Call Settings appears.

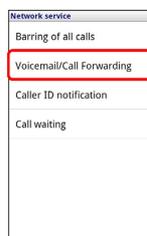
3

Network service



4

Voicemail/Call Forwarding



5

Voicemail ON



6

OK → Tap forwarding condition



Voicemail is set.

- If 'No reply' was set as the forwarding condition, set the ring time and Tap OK .
- When a new message is recorded  appears in Status Bar. Dial 1416 for voice guidance.

Call Waiting

Requires separate subscription.

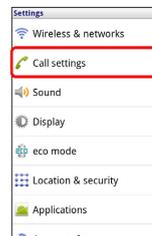
1

In Home Screen,   Settings



2

Call settings



Call settings appears.

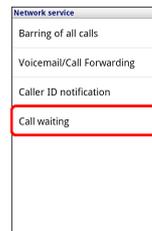
3

Network service



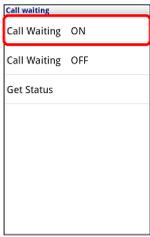
4

Call waiting



5

Call Waiting ON



4

OK → OK

Call Waiting is set.

Call Waiting tone sounds for incoming call. Drag towards / to connect the call.

Group Calling

Requires separate subscription.

1

During a call,



2

Enter another phone number



3

When receiver accepts call

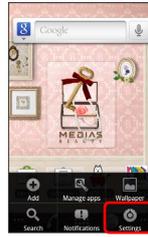


Group Call begins.

Caller ID

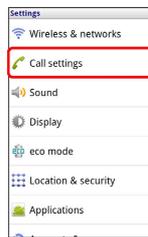
1

In Home Screen, Settings



2

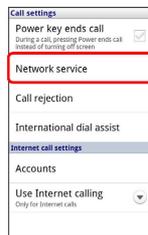
Call settings



Call settings appears.

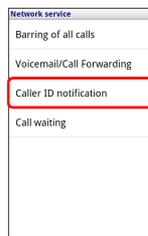
3

Network service



4

Caller ID notification



5

Setting → ON



6

OK → OK

☑ Caller ID is set.

Call Barring

Restrict calls from specified numbers.

- Call Barring requires Network security code (Call Barring Password).
- Entering incorrect Network security code (Call Barring Password) three times disables Call Barring. Network security code (Call Barring Password) must be changed. Contact [SoftBank Customer Support](#).
- If you have previously changed Call Barring Password on a SoftBank handset, use the new code.
- If a call is attempted while calling is restricted, a message appears. Message may take time to appear in some areas.

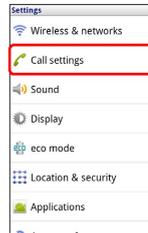
1

In Home Screen, ☰ → Settings



2

Call settings



☑ Call settings appears.

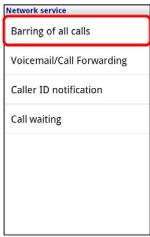
3

Network service



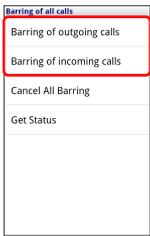
4

Barring of all calls



5

Barring of outgoing calls / Barring of incoming calls



6

Tap setting item for barring outgoing/incoming calls → OK
 → Enter Network security code (Call Barring Password)



7

OK → OK

Call Barring is set.

Address Book

Save phone number, mail addresses, etc. to Address Book.

Adding New Contacts

1

In Home Screen, [App Drawer] → [Contacts]



Contacts window appears.

2

[Menu] → New contact



New contact window appears.

- When Account Selection screen appears, Tap account to register.

3

Enter items → Save



Contact is saved.

Messaging & Browser

Messaging.....	42
Sending SoftBank Mail.....	42
Creating/Sending Gmail.....	44
Internet Mail Settings.....	45
Web Browsing.....	45

Messaging

S! Mail

Exchange long text messages with S! Mail-compatible SoftBank terminals, other mobile providers' handsets, computers/other email-compatible devices. Attach media files for multimedia messaging.

SMS

Exchange short text messages (up to 140 half pitch characters) using handset phone numbers as addresses.

Gmail

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

Internet Mail

Use Internet Mail (POP3/IMAP4) on handset.

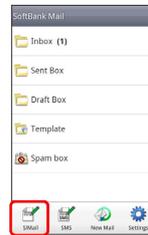
- Set up Internet Mail accounts beforehand.
- Exchanging Internet Mail via handset synchronizes handset and mail server.

Sending SoftBank Mail

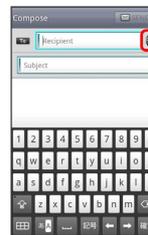
Sending S! Mail

1

In Home Screen,   (SoftBank Mail)  S! Mail



2



- Tap **To** to change to Cc or Bcc.
- Enter phone numbers directly in Address field

3

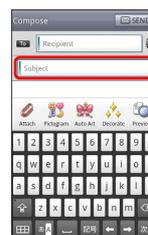
People / **Outgoing History** / **Incoming History**  Select address  **OK**



- After entering addresses, Tap  to delete them.

4

Subject  Enter subject



5

Tap Message field → Enter text



6

SEND



- If you Press to quit the screen before Tapping **SEND**, a confirmation screen appears asking whether to save unsent S! Mail as a draft. Follow onscreen instructions.

7

Send



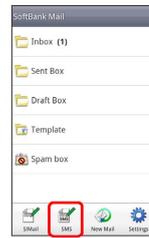
S! Mail is sent.

- If it cannot be sent, S! Mail is saved as a draft.

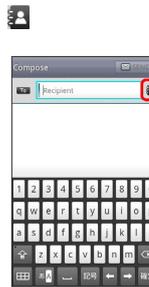
Sending SMS

1

In Home Screen, → (SoftBank Mail) → **SMS**



2



- Enter phone numbers directly in Address field.

3

People / **Outgoing History** / **Incoming History** → Select address



- After entering addresses, Tap to delete them.

4

Tap Message field → Enter text



5

SEND



- If you Press  to quit the screen before Tapping **SEND**, a confirmation screen appears asking whether to save unsent SMS as a draft. Follow onscreen instructions.

6

Send



 SMS is sent.

- If it cannot be sent, SMS is saved as a draft.

Creating/Sending Gmail

To use Google Mail, create a Google Account and sign in beforehand.

Creating/Sending Gmail

1

In Home Screen,    (Gmail)

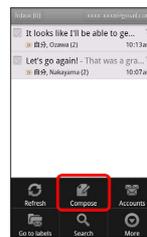


 Inbox appears.

- If confirmation appears, follow onscreen instructions.

2

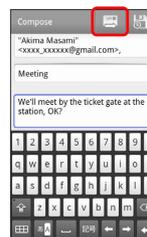
  Compose



 New message window appears.

3

Enter To:, Subject:, and message text  



 Message is sent.

Gmail Caution

Barring Internet Mail on handset blocks Gmail messages.

Internet Mail Settings

Adding Accounts

1

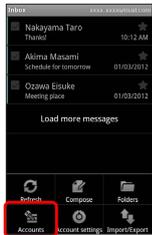
In Home Screen,   (Email)



 Internet Mail list appears.

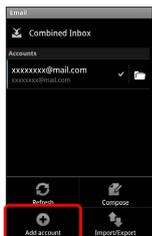
2

  Accounts



3

  Add account



4

Follow onscreen instructions

 Account is added.

Web Browsing

Using Browser

1

In Home Screen, 



 Browser opens.

- Tapping web links within text messages automatically activates Browser.

Adding Bookmarks

1

In Home Screen, 



 Browser opens.

2

  Bookmarks



 Bookmarks opens.

3

Add  Confirm name and URL  OK



 Current webpage is added to Bookmarks.

Opening New Webpages

Open multiple webpages and toggle between them. Open up to 8 pages at once.

1

In Home Screen, 



 Browser opens.

2

  New window



 New webpage appears.

In Browser, Press  and Tap **Windows** to toggle active webpages.

Using 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.). Handset is preloaded with digital certificates issued by certificate authorities.

SSL/TLS Caution

When a security notice appears upon opening an Internet page, subscribers must decide for themselves whether or not to open the page. Opening secure pages constitutes agreement to the terms of SSL/TLS usage. SoftBank Mobile, VeriSign Japan and Cybertrust cannot be held liable for any damages associated with the use of SSL/TLS.

Camera

Imaging.....48

Imaging

Capturing Photos

1

In Home Screen,   (Camera)



 Camera Viewfinder appears.

2

Frame subject in Viewfinder  



 Shutter clicks and photo is saved to SD Card.

Recording Videos

1

In Home Screen,   (Camcorder)



 Video Viewfinder appears.

2

Frame subject in Viewfinder  



 Recording begins.

3

Tap  to end Camera



 Video recording stops and video is saved automatically to SD Card.

Imaging Notes

Photo File Format

Photos are saved as JPEG files.

Video File Format

Videos are saved as 3GPP files.

Camera Cautions

Keep Lens Clean

Fingerprints/oils may hinder handset imaging. Clean lens with soft cloth beforehand.

Avoid Direct Sunlight Exposure

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

Music & Images

Music Files.....	50
Viewing Images/Videos.....	50

Music Files

Playing Music Files

1

In Home Screen,    (Music)



 Music Library appears.

2

Tap a file to play it



 Song plays.

Viewing Images/Videos

Playing Back Images/Videos

1

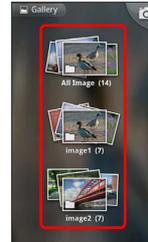
In Home Screen,    (Gallery)



 Album index appears.

2

Select an album



3

Tap image/video to view it

 Image appears/video plays.

Connectivity

Wi-Fi.....	52
Bluetooth®.....	53

Wi-Fi

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

Connecting to Wi-Fi Networks

Select from available networks to establish a connection.

1

In Home Screen,   Settings



2

Wireless & networks  Wi-Fi settings



 Wi-Fi settings appears.

3

Wi-Fi



4

Select Wi-Fi Network  Enter Security Key  Connect



 Wi-Fi network connects.

· Unsecured networks do not require Security Key entry.

+ Wi-Fi Operations

Deleting Networks

In Wi-Fi Settings, Tap active access point  Forget

Check Access Point Details

In Wi-Fi Setting, Tap current access point

 Connection Status, Security, Signal Strength, Connection Speed, IP Address appears.

Set Wi-Fi Sleep Policy

In Wi-Fi Settings,   Advanced  Wi-Fi sleep policy  Tap items

Connect Static IP

In Wi-Fi Settings,   Advanced  Use static IP  Tap item  Enter information

Deleting Access Points

In Wi-Fi Settings, Touch & Hold access point  Forget network

Bluetooth®

Connect handset to other Bluetooth® devices for wireless connectivity.

Activating Bluetooth®

- Handset may not pair with all Bluetooth® devices.
- Some paired devices may not operate correctly.
- Noise may occur when using wireless/handsfree devices.
- Turn Bluetooth® function off if it is not used, to save Battery.

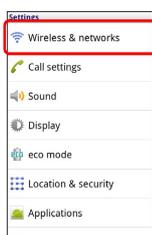
1

In Home Screen,   Settings



2

Wireless & networks



3

Bluetooth ()



 Bluetooth® is on.

- Tap **Bluetooth** to toggle Bluetooth® on/off.

? Trouble Shooting

Q. Why can't I use Bluetooth®?

A. Airplane mode may be active. Bluetooth® is not available in Airplane mode.

Global Services

Calling Outside Japan..... 56

Calling Outside Japan

International Calling

1

In Home Screen, 



 Phone window appears.

2

Dialer  Touch & Hold 



 + appears.

3

Omit first 0 from phone numbers when placing international calls



- Do not omit first 0 from phone numbers when dialing Italy (39).

4



 Ringback tone sounds. Wait for receiver to accept call to talk.

Global Roaming

Place calls the same way you would within Japan.

- Do not enter country code or omit first 0 from phone numbers.

1

In Home Screen, 



 Phone window appears.

2

Dialer  Use onscreen dialpad to enter phone number



3



 Ringback tone sounds. Wait for receiver to accept call to talk.

Settings

Wireless & Networks.....	58
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Wireless & Networks

Wireless & Networks Settings

+ Airplane Mode

Cancel All Handset Transmissions without Powering Off

In Home Screen,  →  →  → 

- Tap  to toggle setting On () / Off () .

+ Wi-Fi

Enabling/Disabling Wi-Fi Connectivity

In Home Screen,  →  →  → 

- Tap  to toggle Wi-Fi On () / Off () .
- Alternatively, Tap  in  .

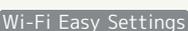
+ Wi-Fi Settings

Enabling/Disabling Wi-Fi Access Point Notifications

In Home Screen,  →  →  →  → 

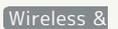
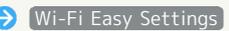
-  must be active to use this function.
- Tap  to toggle setting On () / Off () .

Setup Wi-Fi with Easy Wireless Setup

In Home Screen,  →  →  →  →  →  → Press Easy Setup button until access point power button flashes green → Press Easy Setup button again until access point power button flashes orange

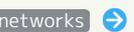
-  must be enabled to use this setting.
-  appears when Wi-Fi setup is complete.

Setup Wi-Fi with WPS (Push Button Control Method)

In Home Screen,  →  →  →  →  →  →  → Press push button on access point body or on access point setup screen → Follow onscreen instructions

-  must be enabled to use this setting.
-  appears when Wi-Fi setup is complete.

Setup Wi-Fi with WPS (PIN Method)

In Home Screen,  →  →  →  →  →  →  → Follow onscreen instructions.

-  must be enabled to use this setting.
- Register PIN code (PIN code for WPS) that appears on handset to access point.
-  appears when Wi-Fi setup is complete.

Adding Networks

In Home Screen,  →  →  →  →  → Enter network settings → 

-  must be enabled to use this setting.
- Some security protocols may require additional information entry.

+ Bluetooth

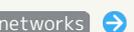
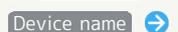
Enabling/Disabling Bluetooth® Connectivity

In Home Screen,  →  →  → 

- Tap  to toggle setting On () / Off () .
- Alternatively, Tap  in  .

+ Bluetooth Settings

Changing Name Appearing on Paired Devices

In Home Screen,  →  →  →  →  → Enter name → 

-  must be enabled to use this setting.

Changing Device Visibility

In Home Screen,   **Settings**  **Wireless & networks**  **Bluetooth settings**  **Discoverable**

- Tap **Discoverable** to toggle setting On () / Off () .
- **Bluetooth** must be enabled to use this setting.
- When **Discoverable** is set, handset can be found from other devices within time set for **Discoverable timeout**

Advanced Bluetooth Settings

In Home Screen,   **Settings**  **Wireless & networks**  **Bluetooth settings**  **Advanced settings**  **Tap items**  **Set items**

- When **Bluetooth** is set, connection to Bluetooth4.0 Low Energy-compliant devices can be used.

Searching for Pairable Devices

In Home Screen,   **Settings**  **Wireless & networks**  **Bluetooth settings**  **Scan for devices**

- **Bluetooth** must be enabled to use this setting.

+ VPN Settings

Add PPTP

In Home Screen,   **Settings**  **Wireless & networks**  **VPN settings**  **PPTP**  **Add PPTP**  **VPN**  **Tap items**  **Set items**   **Save**

- Tap VPN to toggle connection On/Off. Touch & Hold VPN to edit/delete it.

Add IPSec/L2TP

In Home Screen,   **Settings**  **Wireless & networks**  **VPN settings**  **IPSec/L2TP**   **New**  **Enter keystore password**  **OK**   **Finish**

Follow network administrator instructions to setup VPN settings  **Finish**

- Choose any text string for keystore password. Continue using same password.

+ Mobile Networks

Enabling/Disabling 3G Packet Communications

In Home Screen,   **Settings**  **Wireless & networks**  **Mobile networks**  **Data enabled**

- Tap **Data enabled** to toggle setting On () / Off () .

Enabling/Disabling Data Roaming

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

- Tap **Data roaming** to toggle setting On () / Off () .
- If confirmation appears, follow onscreen instructions.

Adding Access Points

In Home Screen,   **Settings**  **Wireless & networks**  **Mobile networks**  **Access Point Names**   **New APN**  **Tap items**  **Set items** **Save**

Deleting Added Access Points & Restoring Defaults

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

Set Network Mode to Use

In Home Screen,   **Settings**  **Wireless & networks**  **Mobile networks**  **Network Mode**   **Auto** /  **3G only** /  **GSM only**

Selecting Operator

In Home Screen,   **Settings**  **Wireless & networks**  **Mobile networks**  **Network operators**   **Select automatically** / **Select from search results**

- Tapping **Select automatically** automatically sets optimum network.
- To refresh search, Tap **Search networks** or **Select automatically** .

+ PC Link

Set whether to Enable PC Link via Wi-Fi

In Home Screen,   **Settings**  **Wireless & networks**  **PC Link**

- Tap **PC Link** to toggle setting On () / Off () .
- Alternatively, Tap **PC Link** in **PC Link settings** .

+ PC Link Settings

Set whether to Enable PC Link via USB Cable

In Home Screen,  → **Settings** → **Wireless & networks** → **PC Link settings** → **USB PC Link**

- Tap **USB PC Link** to toggle setting On () / Off ()
- Usable when connected to PC via USB Cable.

Display Connection URL

In Home Screen,  → **Settings** → **Wireless & networks** → **PC Link settings**

- Destination URL info appears.

Enter Host Name to Use in Connected URL

In Home Screen,  → **Settings** → **Wireless & networks** → **PC Link settings** → **Change Hostname** → Enter host name → **OK**

Initialize PC Link Settings

In Home Screen,  → **Settings** → **Wireless & networks** → **PC Link settings** → **Initialize User Name/Password** → **OK** → **OK**

Sound

Sound Settings

+ Silent Mode

Adjust Manner Mode Settings

In Home Screen,  → **Settings** → **Sound** → **Silent mode**

- Tap **Silent mode** to toggle manner settings On () / Off ()

+ Vibrator

Toggle Vibration On/Off for Selectable Items

In Home Screen,  → **Settings** → **Sound** → **Vibrator** → Tap items

- If **Vibrator** is setting other than **Never**, make sure handset does not move close to heat (heater etc.) or fall off a table.

+ Volume

Adjust Volume Levels for Handset Sounds

In Home Screen,  → **Settings** → **Sound** → **Volume** → Adjust volume → **OK**

- Tap **Use incoming call volume for notifications** to use incoming transmission volume for notifications.

+ Phone Ringtone

Set Tones for Incoming Transmissions

In Home Screen,  → **Settings** → **Sound** → **Phone ringtone** → Tap items to set → **OK**

+ Notification Sound

Select Notification Tones

In Home Screen,  → **Settings** → **Sound** → **Notification ringtone** → Tap items → **OK**

+ Audible Touch Tones

Enable/Disable Dialpad Tones

In Home Screen,  → Settings → Sound →

Audible touch tones

· Tap **Audible touch tones** to toggle setting On () / Off () .

· Cancel this setting to improve battery life.

+ Audible Selection

Enable/Disable Confirmation Tones

In Home Screen,  → Settings → Sound →

Audible selection

· Tap **Audible selection** to toggle setting On () / Off () .

· Cancel this setting to improve battery life.

+ Screen Lock Sounds

Enable/Disable Screen Lock Tone

In Home Screen,  → Settings → Sound →

Screen lock sounds

· Tap **Screen lock sounds** to toggle this setting On () / Off () .

· Cancel this setting to improve battery life.

+ Haptic Feedback

Enable/Disable Touch Vibration

In Home Screen,  → Settings → Sound →

Haptic feedback

· Tap **Haptic feedback** to toggle setting On () / Off () .

Applications

Application Settings

+ Unknown Sources

Enable Non Market Applications

In Home Screen,  → Settings → Applications

→ Unknown sources

· Tap **Unknown sources** to toggle this setting On () / Off () .

· If confirmation appears, follow onscreen instructions.

+ Manage Applications

Confirm Name, Version, Size, etc. of Installed Applications

In Home Screen,  → Settings → Applications

→ Manage applications → Tap application

· Force close, or uninstall applications.

+ Running Services

Show Active Applications

In Home Screen,  → Settings → Applications

→ Running services

· Tap application then **Stop** to stop it.

+ Development

Enable/Disable USB Debug

In Home Screen,  → Settings → Applications

→ Development → USB debugging

· Tap **USB debugging** to toggle On () / Off () .

· If confirmation appears, follow onscreen instructions.

Enable/Disable Sleep while Charging

In Home Screen,  → Settings → Applications

→ Development → Stay awake

· Tap **Stay awake** to toggle setting On () / Off () .

Enable/Disable Location Information

In Home Screen,  → Settings → Applications

→ Development → Allow mock locations

· Tap **Allow mock locations** to toggle setting On () / Off () .

Accounts & Sync

Accounts & Sync Settings

+ Background Data

Enable/Disable Background Transmissions

In Home Screen,  → Settings → Accounts & sync → Background data

- Tap **Background data** to toggle setting On () / Off ()
- If confirmation appears, follow onscreen instruction.
- Cancel this setting to improve battery life.

+ Auto-Sync

Enable/Disable Application Auto Sync

In Home Screen,  → Settings → Accounts & sync → Auto-sync

- Tap **Auto-sync** to toggle setting On () / Off ()
- **Background data** must be On () to enable this setting.

+ Add Account

Add Accounts

In Home Screen,  → Settings → Accounts & sync → Add account → Tap items to set → Follow onscreen instructions

Privacy

Privacy Settings

+ Factory Data Reset

Restore Handset to Factory Defaults

In Home Screen,  → Settings → Privacy → Factory data reset → Confirm onscreen cautions → OK → Reset phone → Erase everything

- This operation deletes all handset data.
- Deleted handset data cannot be recovered.
- Set **Erase SD card** to ON () to erase all data on SD Card.

Language & Keyboard

Language & Keyboard Settings

+ Select Language

Set User Interface Language

In Home Screen,  → Settings → Language & keyboard → Select language → Tap setting

+ ATOK

Set Key Input Method

In Home Screen,  → Settings → Language & keyboard → ATOK → Input mode → Tap setting

Set Software Keyboard

In Home Screen,  → Settings → Language & keyboard → ATOK → Entering auxiliaries → Set items

Set whether to Show Guesses in Text Entry and Confirmation

In Home Screen,  → Settings → Language & keyboard → ATOK → Converting/Candidates → Tap setting

- Tap **Input prediction** / **Showing prediction candidates before next input** to toggle setting On () / Off ()
- Tap **Initializing learning** data to initialize learning data from text entry.

Manage Registered Words

In Home Screen,  → Settings → Language & keyboard → ATOK → User's dic/Common phrases → Dictionary utility →  → 新規登録 → Enter word and reading → Set part of speech → 登録

Manage Registered Phrases

In Home Screen,  → Settings → Language & keyboard → ATOK → User's dic/Common phrases → Common phrase utility →  → 新規作成 → Enter phrase → Set category → 登録

Set Screen Design and Display Method

In Home Screen,  → Settings → Language & keyboard → ATOK → Display → Set items

Initialize ATOK Settings

In Home Screen,  → Settings → Language & keyboard → ATOK → Initializing settings → OK

Check ATOK Version

In Home Screen,  → Settings → Language & keyboard → ATOK

- JapaneseInputMethod ATOK info appears.

Date & Time

Date & Time Settings

+ Set Date

Setting Date Manually

In Home Screen,  → Settings → Date & time
 → Set date → Enter date → Set

+ Select Time Zone

Setting Date Manually

In Home Screen,  → Settings → Date & time
 → Select time zone → Tap area

+ Set Time

Setting Time Manually

In Home Screen,  → Settings → Date & time
 → Set time → Enter time → Set

+ Use 24-hour Format

Enabling/Disabling 24-hour Format

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

· Tap **Use 24-hour format** to toggle setting On () / Off ()

+ Select Date Format

Changing Date Format

In Home Screen,  → Settings → Date & time
 → Select date format → Tap items

About Phone

About Phone

+ Software Update

Update Handset Software

In Home Screen,  → Settings → About phone
 → Software update → Update now → Updates
 by network / Updates by SD card → Follow onscreen
 instructions

Check Manually for Release of New Software Version

In Home Screen,  → Settings → About phone
 → Software update → Confirmation of update

Set whether to Automatically Check for Software Updates

In Home Screen,  → Settings → About phone
 → Software update → Auto update

· Tap **Auto update** to toggle setting On () / Off ()

Set whether to Use Wi-Fi to Automatically Download Update Files

In Home Screen,  → Settings → About phone
 → Software update → Auto download

· Tap **Auto download** to toggle setting On () / Off ()

· Update files are only checked for and downloaded via Wi-Fi. When you set auto download, check you can connect to Wi-Fi.

+ Status

Confirm Handset Status

In Home Screen,  → Settings → About phone
 → Status

+ Battery Use

Confirm Battery Status/Battery Time

In Home Screen,  → Settings → About phone
 → Battery use → Tap items

· Adjustable items appear. Tap items to adjust.

+ Legal Information

Confirm Handset Copyrights & Licenses

In Home Screen,   Settings  About phone
 Legal information  Tap items

+ Model Number

Confirm Handset Model Number

In Home Screen,   Settings  About phone
· Handset model number appears.

+ Firmware Version

Confirm Firmware Version

In Home Screen,   Settings  About phone
· Firmware version info appears.

+ Baseband Version

Confirm Baseband Version

In Home Screen,   Settings  About phone
· Baseband info appears.

+ Kernel Version

Confirm Kernel Version

In Home Screen,   Settings  About phone
· Kernel version info appears.

+ Build Number

Confirm Build Number

In Home Screen,   Settings  About phone
· Build Number appears.

Appendix

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Customer Service.....	70

Specifications

Model

Item	Description
Dimensions (W x H x D)	Approx. 63×128×11 mm
Weight (Battery installed)	Approx. 133 g
Maximum Output	3G: 0.25 W GSM: 2 W
Continuous Standby Time ¹	3G: Approx. 630 hours GSM: Approx. 400 hours
Continuous Talk Time ²	3G: Approx. 380 minutes GSM: Approx. 450 minutes
One Seg Viewing Time ³	Approx. 380 minutes
Charging Time ⁴	AC Charger: Approx. 200 minutes Wireless Charger: Approx. 300 minutes

- 1 Calculated for a new and fully charged Battery, no talk time, and normal reception.
- 2 Calculated for a new and fully charged Battery, no movement and normal reception.
- 3 Calculated for using the accessory Micro USB 3.5 mm Adapter and Earphone with Mic, with normal reception.
- 4 Time with the power switched off, from no charge in Battery.

Battery

Item	Description
Voltage	3.8 V
Type	Lithium-ion
Capacity	1700 mAh
Dimensions (W x H x D)	Approx. 66×44×5.5 mm

Materials

101N

Part	Material/Surface treatment
Outer Case (Display surface)	Nylon resin, UV coating
Outer Case (Battery side)	Nylon resin, tin deposition+UV coating
Outer Case (Bottom)	PC resin, tin deposition+UV coating
Display Panel	Reinforced glass, fluorine coating
Display-side Panel	Acrylic+Polycarbonate composite resin, hard coating
Light and Infrared Data Port Panel	Acrylic+Polycarbonate composite resin, hard coating
Camera Panel	Acrylic+Polycarbonate composite resin, hard coating
Camera Ring	ABS resin, tin deposition+UV coating
Battery Cover (Outer side)	PC resin, UV coating
Battery Cover (Water stop)	Silicon rubber, fluorine coating
Power Key, Volume Key	PC resin, tin deposition+UV coating
External Connector Cap (Body)	PC resin+Polyester thermoplasticity elastomer, tin deposition+UV coating
External Connector Cap (Water stop)	Silicon rubber, silicon coating
TV Antenna (Top, middle sections)	Stainless alloy
TV Antenna (Bottom section)	Nickel titanium alloy
TV Antenna (Base hinge)	Stainless alloy
TV Antenna (Cap)	ABS resin
Battery Recess (Sides)	Nylon resin
Battery Recess (Bottom)	Magnesium alloy MD1D (JIS) equivalent, chemical conversion treatment
Battery Recess (Lock Switch)	POM resin

Battery Recess (Inner frame)	PC resin
Battery Recess (Lever)	Stainless alloy
Battery Recess (Screws)	Stainless alloy, black oxide finish
Battery terminal (Terminal connector)	LCP resin
Battery terminal (Terminals)	Phosphor bronze, gold plating

Battery

Part	Material/Surface treatment
Battery (Terminal) (Battery)	Resin: PP resin Label: PET resin
Battery (Terminal) (Terminals)	Glass epoxy resin, gold plating

Wireless Charger

Part	Material/Surface treatment
Wireless Charger body (Outer case, charge assist button)	PC resin
Wireless Charger body (Connector socket)	PA resin
Special AC adapter (Adapter case)	PC resin
Special AC adapter (Power plug)	Brass, nickel plating
Special AC adapter (Cap, cable)	TPE resin
Special AC adapter (Connector end)	PBT resin
Special AC adapter (Connector)	Brass, nickel plating

Micro USB Adapter for Charging

Part	Material/Surface treatment
Micro USB plug	Stainless alloy, nickel plating
Cap	PO resin
Cable	TPE resin

Micro USB 3.5 mm Adapter

Part	Material/Surface treatment
Mic	ABS resin
Earphone socket	PBT resin
Micro USB plug	Stainless alloy, nickel plating
Cap	Thermoplastic rubber compound
Cable	TPE resin

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
Call toll free from landlines at 0800-919-0157

Customer Assistance

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

Smartphone Technical Support Center

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

SoftBank Mobile Global Call Center

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

Safety Precautions

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Safety Precautions

To ensure proper use of your handset, read these safety precautions carefully before use. Keep this guide for future reference.

Observe these safety precautions to prevent injuries and damages to property.

SoftBank accepts no liability for any loss or damages incurred by you or a third party as a result of missed calls, etc., due to malfunction, erroneous operation or failure of this product.

Labels

Risks of injury or damage from improper use are categorized by levels. Understand these labels before reading this guide.

Mark	Descriptions
 DANGER	Great risk of death or serious injury ¹ from improper use
 WARNING	Risk of death or serious injury ¹ from improper use
 CAUTION	Risk of injury ² or damage to property ³ from improper use

- 1 Serious injury includes: Loss of eyesight, physical injury, high temperature burns, low temperature burns (blisters or reddening caused by prolonged contact with a heat source higher than body temperature), electric shock, fractures, poisoning and other conditions requiring hospitalization or long-term treatment.
- 2 Injury includes: Physical burns (high-temperature and low-temperature), electric shock, and other conditions not requiring hospitalization or long-term treatment.
- 3 Damage to property includes: Incidental damage to structures and household property/to pets and livestock.

Symbols

Make sure you understand the following symbols and precautions before reading this guide.

Mark	Descriptions
 Prohibited	Action is prohibited.
 Do Not Disassemble	Disassembly is prohibited.
 Avoid Liquids Or Moisture	Exposure to liquids is prohibited.
 Do Not Use Wet Hands	Handling with wet hands is prohibited.
 Compulsory	Action is compulsory.
 Disconnect Power Source	Unplug power cord.

Handset, Battery, USIM Card, AC Charger (Sold Separately), Micro USB Adapter for Charging, Micro USB 3.5 mm Adapter, and SD Card (Sample)

DANGER



Compulsory

Use SoftBank specified devices (Battery, AC Charger, Micro USB Adapter for Charging or Micro USB 3.5 mm Adapter) only.

Use of non-specified devices may cause Battery to leak, overheat, rupture or ignite; or may cause AC Charger, Micro USB Adapter for Charging or Micro USB 3.5 mm Adapter to overheat, ignite or malfunction.



Do Not Disassemble

Do not disassemble/modify/solder handset.

May cause fire, injury, electric shock or malfunction. Also, Battery may leak, overheat, rupture or ignite. Modifying handset is a violation of the Radio Law and subject to penalty.



Avoid Liquids Or Moisture

Keep liquids away from handset.

If handset/Battery is not dried after exposure to fluids (water, pet urine etc.), overheating, electric shock, fire, malfunction, etc. may occur.



Prohibited

Do not charge, use or leave handset in places subject to high temperatures (near an open flame or heating equipment, in direct sunlight or inside a car on a hot day).

May cause deformation or malfunction; or may cause Battery to leak, overheat, ignite or rupture. Also, the outer housing may become hot resulting in burns.



Prohibited

Do not use excessive force to attach Battery, AC Charger, Micro USB Adapter for Charging or Micro USB 3.5 mm Adapter to handset. Battery or AC Charger may be the wrong way around.

Battery may leak, overheat, rupture or ignite.

⚠ WARNING

Prohibited

Do not place handset, Battery, AC Charger, Micro USB Adapter for Charging or Micro USB 3.5 mm Adapter in a microwave oven or pressure cooker, or on an induction cooktop.

May cause Battery to leak, overheat, rupture or ignite; or may cause handset, AC Charger, Micro USB Adapter for Charging or Micro USB 3.5 mm Adapter to overheat, emit smoke, ignite or malfunction.



Compulsory

Turn off handset when entering gas stations or other places where flammable gases (propane gas, gasoline, etc.) generate. Do not charge Battery in such places.

Gases may ignite. Before using Osaifu-Keitai® inside a gas station, be sure to turn handset off (deactivate Osaifu-Keitai lock beforehand).



Prohibited

Do not drop/throw handset or expose it to excessive shock.

May cause Battery to leak, overheat, rupture or ignite; or may cause fire, electric shock or malfunction.



Compulsory

If you notice an unusual sound, odor, smoke, etc. while using, charging or storing handset, immediately:

1. Unplug AC Charger from outlet.
2. Turn handset power off.
3. Remove Battery from handset, being careful of burn or injury.

Continued use may cause fire or electric shock.



Prohibited

Keep liquids (water, pet urine, etc.) and conductive materials (e.g. pencil lead, metal fragments, metal necklaces, hairpins, etc.) away from External Device Port.

May cause short circuit, resulting in fire or malfunction.

⚠ CAUTION

Prohibited

Do not place handset on an uneven or unstable surface.

Handset may fall, leading to injuries or handset malfunction. Be particularly careful while charging or when vibrator is activated.



Compulsory

Keep handset out of reach of infants.

Failing to do so may result in small parts being accidentally swallowed or may cause injury.



Compulsory

When a child uses handset, parent supervision is advised. Provide child with proper instructions.

Failing to do so may cause injury, etc.



Prohibited

Do not store handset in humid or dusty places or in places subject to high temperatures.

May cause malfunction.

Handling Battery

DANGER

Check battery type on Battery label. Properly use and dispose of Battery according to type.

Label	Battery Type
Li-ion00	Lithium-ion



Prohibited

Do not throw Battery into a fire.

May cause Battery to leak, rupture or ignite.



Prohibited

Do not puncture Battery with a nail, hit it with a hammer, step on it or subject it to strong impact.

May cause Battery to leak, overheat, rupture or ignite.



Prohibited

Keep metal objects (pins, etc.) away from Battery terminals. Do not carry or store conductive materials (e.g. pencil lead, metal fragments, metal necklaces, hairpins, etc.) together with Battery.

May cause Battery to leak, overheat, rupture or ignite.



Compulsory

If battery fluid gets into eyes, immediately rinse with clean water and consult a doctor. Do not rub eyes.

Failing to do so may result in loss of eyesight.

WARNING



Compulsory

If battery fluid gets on your skin or clothing, immediately stop handset use and rinse with clean water.

Battery fluid may harm your skin.



Compulsory

If Battery is not fully charged even after specified charging time, stop charging.

Battery may leak, overheat, rupture or ignite.



Compulsory

If you notice an unusual odor, overheating, discoloration, deformation, etc. while using, charging or storing Battery, remove it from handset and keep it away from fire. Be careful not to burn or injure yourself.

Battery may leak, overheat, rupture or ignite.



Compulsory

If Battery leaks, immediately stop using it and keep it away from fire.

Battery fluid is flammable and could ignite, causing fire or Battery to rupture.



Prohibited

If any abnormalities (deformation, scratches, etc.) are visible on Battery, immediately discontinue use.

May cause Battery to leak, overheat, rupture, ignite; may cause handset malfunction or fire.



Compulsory

Do not allow pets to bite Battery.

May cause Battery to leak, overheat, rupture, ignite; may cause handset malfunction or fire.

CAUTION



Prohibited

Do not dispose of batteries as municipal waste.

Bring used batteries to a SoftBank Shop or recycling center after insulating the terminals with tape. Be sure to observe local regulations on Battery disposal.

Handling Handset

WARNING



Prohibited

Do not use while operating a vehicle (car, motorcycle, bicycle, etc.)

May cause a traffic accident. Use of a mobile phone while driving is prohibited by law, and is subject to penalty. Stop vehicle in a safe location (where parking is allowed) before using handset.



Compulsory

Keep handset power off near high precision electronic devices or devices using weak signals.

Handset may cause these devices to malfunction. Devices that may be affected: Hearing aids, implanted cardiac pacemakers, implanted defibrillators and other electronic medical equipment; fire alarms, automatic doors and other automatic control devices.



Compulsory

Keep handset power off aboard an aircraft.

Handset signal may interfere with aircraft operation. Handset use aboard an aircraft may be subject to penalty. When in-flight use is permitted, observe airline instructions.



Compulsory

If you have a weak heart, be careful with incoming call vibrator and ringtone volume settings.

These may affect your heart.



Compulsory

If thunder is heard while outside, retract TV Antenna, immediately turn handset power off and seek shelter.

Failing to do so may attract lightning and cause electric shock.



Prohibited

Do not point infrared beam at a person's eyes.

May cause eye injury.



Prohibited

Do not turn on or shine Light near someone's eyes. Do not look directly at Light when it is on.

Also do not point Light at someone else and turn it on.

May cause harm such as loss of eyesight. Especially, do not photograph infants up close. May also temporarily affect eyesight or startle, leading to injury or other accident.



Prohibited

Do not turn on Light and point it at drivers and cyclists.

Doing so may cause a traffic accident.



Prohibited

If you use electronic medical equipment, do not place or use handset near the equipment.

Using handset near electronic medical equipment may cause the equipment to malfunction.



Compulsory

When using Earphone with Mic while playing games or music, adjust volume accordingly.

Sound at high volume may impair hearing; or surrounding sounds may become inaudible over playback volume, resulting in an accident.



Prohibited

Do not place handset on the dashboard near airbags.

In case of airbag inflation, handset may hit passengers resulting in injury, malfunction or breakage.



Compulsory

If Display or Camera Lens is damaged, be careful of broken glass pieces or exposed internal components.

Impact-resistant plastic on Display and shatter-proof film on Camera lens prevent shattering; however glass fragments and components may cause injury.



Prohibited

Do not allow fluids, metal pieces or flammable materials to enter USIM Card Slot or SD Card Slot.

May cause fire, electric shock or malfunction.

⚠ CAUTION

Compulsory

If skin abnormality occurs with use of handset, immediately discontinue use and consult a doctor.

Handset contains metals. Depending on your physical condition, you may experience itchiness, rash, etc. For more information, see [Materials](#).



Prohibited

Keep magnetic cards away from handset.

Failing to do so may cause magnetic data on a cash card, credit card, telephone card or floppy disk to be lost.



Prohibited

Do not swing handset by TV Antenna, Strap, etc.

Handset may strike you or people around you, or the Strap may break, resulting in injury, malfunction or breakage.



Compulsory

Handset may become hot during prolonged use.

Skin contact for extended period may cause low-temperature burns.



Prohibited

Do not bring Speaker close to the ear when making calls in handsfree mode or when ring tone/melody is playing.

May impair your hearing.



Compulsory

Watch TV with adequate lighting and distance from Display.

Failing to do so may impair eyesight.



Compulsory

Do not turn volume up too high when using earphones.

Using earphones for extended periods at high volume may impair hearing or harm your ears.



Prohibited

If Display breaks, do not inhale or touch any matter that has leaked. If matter enters your eyes or mouth, immediately rinse with clean water and consult a doctor. If matter adheres to your skin or clothing, immediately wipe off with alcohol and wash with soap and water.

May result in loss of eyesight or skin damage.



Prohibited

Do not use where there are many people.

TV Antenna may strike others, resulting in injury or other accident.



Prohibited

Do not use with TV Antenna broken.

Skin contact may result in burns. May otherwise result in injury or other accident.



Prohibited

Keep magnetized objects away from handset.

May cause operation errors.



Prohibited

When using Motion Sensor, check safety of surroundings, hold handset firmly, and do not wave excessively.

Excessive waving may result in handset striking people or objects, and may cause accident or damage.



Prohibited

If a Strap with a metal or hard object is attached, take care that it does not strike people or objects when using Motion Sensor.

May cause injury or other accident, malfunction, or damage.

Handling USIM Card**⚠ CAUTION**

Compulsory

Be careful handling the notch when removing USIM Card.

May injure your hands or fingers.

Handling AC Charger (Including Micro USB Adapter for Charging)

WARNING



Do not cover with clothing or bedding during charging.

Heat may build up resulting in fire or malfunction.



Use the specified power supply and voltage.

Failing to do so may cause fire or malfunction.

AC Charger: 100 V-240 V AC (for household AC outlets only)

Also, do not use commercially available voltage converters. May cause fire, electric shock or malfunction.



Unplug AC Charger from outlet before extended periods of handset disuse.

Failing to do so may cause electric shock, fire or malfunction.



If liquid (water, pet urine, etc.) gets into AC Charger, immediately unplug AC Charger from outlet.

Failing to do so may cause electric shock, smoke emission or fire.



If dust accumulates on AC Charger plug, unplug AC Charger from outlet and wipe with a dry cloth.

Failing to do so may cause fire.



When plugging AC Charger into outlet, keep conductive materials (pencil lead, metal parts, necklaces, hair pins, etc.) away from AC Charger and Micro USB Adapter for Charging plug/terminals and plug AC Charger firmly into outlet.

Failing to do so may cause electric shock, short circuit, fire, etc.



Do not touch AC Charger with wet hands.

May cause electric shock or malfunction.



If thunder is heard, do not touch AC Charger (including Micro USB Adapter for Charging).

May cause electric shock.



Do not use AC Charger (including Micro USB Adapter for Charging) if the cord is damaged.

May cause electric shock, overheating or fire.



Do not use AC Charger (including Micro USB Adapter for Charging) in humid places such as in bathrooms.

May cause electric shock.



Do not place heavy objects on the cord of AC Charger (including Micro USB Adapter for Charging).

May cause electric shock or fire.

⚠ CAUTION

Prohibited

When AC Charger (including Micro USB Adapter for Charging) is connected to an outlet, do not pull on cord or otherwise subject AC Charger to strong shock.

May cause injury or malfunction.



Disconnect Power Source

Firmly hold plug and unplug AC Charger from outlet before cleaning.

Failing to do so may cause electric shock.



Compulsory

Do not unplug AC Charger by pulling the cord. Firmly hold plug and unplug AC Charger.

Pulling the cord may damage the cord resulting in electric shock or fire.



Prohibited

Do not charge a wet Battery.

May cause Battery to overheat, ignite or rupture.



Disconnect Power Source

Unplug AC Charger from outlet when charging is complete.

Failing to do so may cause fire or malfunction.

Handling SD Card (Sample)**⚠ WARNING**

Compulsory

If you notice an unusual sound, odor, smoke, or overheating, immediately turn off the computer/device being used and any peripherals, unplug them from their outlet and do not touch card.

⚠ CAUTION

Prohibited

Do not touch or allow metal/hard objects to contact terminals. Do not short circuit terminals.

Static electricity may cause data to become corrupted or erased.



Compulsory

This card is formatted according to SD Card standards, and any data is erased when formatted. Keep a backup or other copy of important data in a separate place.

Failure to write/read/erase data or other error may occur if card is formatted on a computer or device that does not comply with SD Card standards.

Near Electronic Medical Equipment

This section is based on "Guidelines on Safeguarding Medical Equipment from Electromagnetic Waves from Mobile Phones and Other Devices" (Electromagnetic Compatibility Conference Japan, April 1997), and "Research Report on the Influence of Electromagnetic Waves on Medical Equipment" (Association of Radio Industries and Businesses, March 2001).

⚠ WARNING



Compulsory

Keep handset a minimum of 22 centimeters from implanted cardiac pacemaker or implanted defibrillator.

Radio waves may interfere with the operation of implanted cardiac pacemakers or implanted defibrillators.



Compulsory

When using electronic medical equipment other than implanted cardiac pacemakers/defibrillators outside of medical institutions, consult device manufacturer about the influence of radio waves.

Radio waves may interfere with the operation of electronic medical equipment.



Compulsory

Observe the following in medical institutions. Radio waves from handset may affect electronic medical equipment.

- Do not bring handset into an operating room, ICU (Intensive Care Unit) or CCU (Coronary Care Unit).
- Turn off handset in hospital wards.
- Turn off handset even in lobbies or areas where use is permitted if there is electronic medical equipment nearby.
- Observe the instructions of individual medical institutions and do not use or bring handset into prohibited areas.



Compulsory

Keep handset power off in crowded places such as rush hour trains; a person with an implanted cardiac pacemaker or implanted defibrillator may be nearby.

Radio waves may interfere with the operation of implanted cardiac pacemakers or implanted defibrillators.

General Notes

Usage Basics

- Handset use (calls, TV image, etc.) may be disrupted when in or moving to a place out-of-range or with poor signal reception (e.g. inside/next to a tall building, in a tunnel, underground or in mountainous areas).
- Take care not to disturb other people when using handset in public places.
- If you receive a call while walking, move to a safe place before answering.
- Back up important data. SoftBank accepts no liability for damages arising from loss/alteration of handset/SD Card data (Phone Book, image/sound files, etc.) due to accident or malfunction.
- Handset is a wireless station under Japanese Radio Law. You may be requested to submit your handset for inspection based on this law.
- Handset use near landlines, TVs or radios may cause interference. Move away from devices to avoid interference.
- Beware of eavesdropping. Handset provides a high level of protection, however, eavesdropping by special means cannot be ruled out.
 - <Eavesdropping>
 - Interception of radio signals by a third party during communication, either intentionally or accidentally
- Using handset on trains or other public transportation may affect their electronic devices.
- A call may not be connected or you may hear noises:
 - In an extremely cold place (e.g. freezer storehouse) where handset may not operate normally
 - Near metal furniture which may interfere with signal transmission
 - Near electromagnetic sources or magnetized items, including electric products, audiovisual equipment and office appliances (e.g. computer, microwave oven, speaker, TV set, radio, fax machine, fluorescent lamp, word processor, electric kotatsu, inverter-driven air conditioner, electromagnetic cooker)
- If Battery appears deformed or scratched from external impact, contact Customer Assistance.
- For emergency calls (110, 119 or 118), GPS location information is not reported to corresponding agency (police, etc.). Location information from base station information is reported.
- If Battery appears deformed or scratched from external impact, contact Customer Assistance. When using handset for the first time or after an extended period of disuse, charge Battery beforehand.
- Battery operating time varies by the usage environment and Battery condition.
- Do not charge Battery:
 - In a humid/dusty place or near sources of vibration
 - Near landlines, TVs or radios
- Although AC Charger may become warm while charging, it is not a malfunction.
- Take particular care when using handset for long periods during charging. Prolonged game playing or One Seg viewing may cause handset, Battery, AC Charger, and Micro USB Adapter for Charging to get hot. Prolonged contact with hot

parts can cause skin to redden, itch, or develop a rash in some people, and may cause low-temperature burns.

- Do not subject handset to excessive shock. Doing so may cause malfunction.
- When battery life nears its end, it may expand slightly. This is not a malfunction.
- FeliCa reader/writer uses the unlicensed 13.56 MHz frequency. Maintain sufficient distance between other reader/writers in use nearby. Make sure mobile phones or other wireless stations operating at the same frequency are not nearby.
- Do not scratch Display with metal objects, etc. Doing so may damage Display resulting in malfunction or breakage.
- Do not forget lock No. and password you have set for unlocking. If you forget the code, handset must be taken to your nearest SoftBank Shop. All information and settings saved on handset will be erased.
- A variety of applications can be installed to handset from "Android Market™" provided by Google Inc. SoftBank makes no guarantee whatsoever with regard to the nature (quality, reliability, legality, suitability for a purpose, validity of information, accuracy, etc.) of these applications that you yourself have installed, or with regard to any problems (viruses, etc.) resulting from them.

Inside Cars

- Do not use handset while driving. Doing so may compromise safe driving and cause an accident. Handset operation in a car may be punishable by law.
- Before using handset, stop the car in a safe place.
- Handset use may affect electronics in some car models. Confirm with your car dealer whether sufficient magnetic protection measures are implemented in your car. Failing to do so may compromise safe driving.

Handling

- Although handset is waterproof/dustproof, do not allow water/dust to enter handset or to adhere to any accessories. Keep away from liquids and moisture. Battery, AC Charger, Micro USB Adapter for Charging, Micro USB 3.5 mm Adapter, USIM Card and SD Card (Sample) are not waterproof. Do not use these devices in the rain or in other humid places (e.g. bathrooms). When carrying handset near your body (pockets, etc.), moisture from sweat may corrode internal parts and cause malfunction. Damage caused by exposure to liquids or moisture is not covered by the warranty and may be irreparable.
- To clean handset, wipe it with a dry, soft cloth (such as for eyeglasses).
 - Rubbing too hard with a dry cloth may scratch Display.
 - Leaving the Display wetted or smudged may cause spotting.
 - Wiping with alcohol, thinner, benzene, soap, etc. may remove print or cause color to fade.
- Clean terminals with a dry cotton swab. Soiled terminals may cause poor contact, resulting in insufficient charging or handset to turn off.
- Do not place handset near an air conditioner vent. Condensation may form due to abrupt temperature changes, leading to internal corrosion and malfunction.
- Do not apply excessive force to handset and Battery. Placing handset in an overpacked bag or sitting down with handset in your pocket may damage Display, Internal Circuit Board or Battery, and cause malfunction. Doing so with external device connected to External Device Port may damage connector, leading to malfunction.
- Although handset becomes warm during use or charging, it is not a malfunction.
- Do not leave the Camera Lens exposed to direct sunlight. Doing so may discolor or burn Optical Element.
- Do not affix thick stickers or labels to the Display or Keypad side. Doing so may result in malfunction.
- Do not leave Battery uninstalled or uncharged for an extended period of time; may alter or erase saved settings and data. SoftBank accepts no liability for any damages resulting from such loss or alteration.
- Do not store depleted Battery; may degrade performance and shorten battery life.
- Keep External Connector Cap closed. Dust or water inside handset may cause malfunction.
- When removing Micro USB Adapter for Charging or Micro USB 3.5 mm Adapter, do not pull the cord, hold the connector. Pulling the cord may result in wire breakage or malfunction.
- If you use an outlet with pullout prevention feature, refer to the instruction manual of the outlet.
- Avoid extremely cold and high temperatures. Use handset at an ambient temperature of 5 °C-35 °C, and humidity of 45 %-85 %. If handset is left in an extremely hot place, handset may power off automatically.
- Battery time varies by conditions of use; however when operation time becomes extremely short even after a full charge, purchase a new Battery. Use only specified Battery.
- Charge Battery at an ambient temperature of 5 °C-35 °C.
- FeliCa reader/writer complies with Japanese wireless standards. Usage while abroad may be subject to penalty.

- Handset's IC Card authentication complies with and has obtained certification for Japanese wireless standards. Usage while abroad may be subject to penalty.
- Do not insert USIM Card with labels or stickers affixed to it. May cause malfunction.
- When connecting an external device, do not insert connector into External Device Port at an angle. When external device is connected, do not pull the cord.
- Do not use handset without Battery Cover. Battery may dislodge and result in malfunction or breakage.

Camera

Creating public disturbances from using handset may be subject to penalties based on applicable laws and regulations (e.g. nuisance prevention ordinance by municipal governments).

Receiver/Speaker

Put Receiver/Speaker to the ear only for accepted/outgoing calls. Otherwise, handset sounds can damage your ears.

Touchscreen

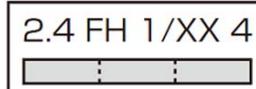
- Touchscreen is designed to be touched lightly. Do not push hard or use pointed objects (fingernails, ball pen, pin, etc.) Touchscreen may not respond in the following instances.
 - Using gloves
 - Using fingernails
 - Objects are resting on Touchscreen
 - A protective sheet or stickers are applied
 - Touchscreen is wetted
 - Using sweaty or wet fingers
- Lock Display before carrying handset in your pocket or bag. Not doing so may cause misoperation.

Quake Alert (Application)

- Quake Alert Setting is enabled by default.
- An alert tone sounds when an alert is received, even in Manner mode.
- Alerts are not received during calls/transmissions or in poor signal conditions.
- Depending on usage/situation, handset may receive alerts for other areas or no alerts.
- Standby Time may decrease when Quake Alert Setting is enabled.
- SoftBank Mobile cannot be held liable for any damages associated with this service, including accidents resulting from received information, reception timing or reception failure.

Bluetooth®

- Handset's Bluetooth® function complies with and has obtained certification for Japanese wireless standards. You may be subject to penalty if used abroad.
- Handset incorporates a security function compliant with Bluetooth® standards for security with Bluetooth® communication. However, security may be insufficient depending on such factors as settings. Care is required for communication using Bluetooth®.
- SoftBank accepts no liability for leak of data or information during communication using Bluetooth®.
- Frequency range
 - 2.4: 2400 MHz range
 - FH: FH-SS modulation
 - 1: maximum interference range of 10 m
 - XX: Other modulation
 - 4: maximum interference range of 40 m
-  : Utilizes 2400 – 2483.5 MHz band without mobile device bandwidth differentiation.



- Bluetooth® devices share the same frequency band with; licensed in-house radio stations (in factory production lines), specific unlicensed low power radio stations, licensed amateur radio stations (hereafter, "other radio stations") and scientific, medical or industrial devices (including microwave ovens).
 - Make sure no other radio stations are operating nearby.
 - If handset interferes with an in-house radio station, immediately change the frequency of the Bluetooth® device, move to another place or cancel the Bluetooth® function, and contact SoftBank Mobile Customer Center (see below).
 - If interference with a low power radio station or amateur radio station occurs, contact SoftBank Customer Support.
 - From a SoftBank handset: 157 (toll-free)
 - From landlines: See [SoftBank Customer Support](#).

Wi-Fi (Wireless LAN)

- Do not use near magnetic devices (e.g. electrical appliances, audio-visual devices, office equipment, etc.) or sources of electromagnetic waves.
 - May cause noise or prevent connection (especially when using a microwave oven).
 - May interfere with device reception (TV, radio, etc.) or affect TV picture.
 - Target LAN access point may not be found when several access points sharing the same channel are available nearby.
 - Frequency range
 - 2.4: 2400 MHz range
 - DS: DS-SS modulation
 - OF: OFDM modulation
 - 4: maximum interference range of 40 m
-  : Utilizes 2400 – 2483.5 MHz band with mobile device bandwidth differentiation.

2.4 DS/OF 4



- 2.4 GHz device precautions

Wireless LAN devices share the same frequency band with; licensed in-house radio stations (in factory production lines), specific unlicensed low power radio stations, licensed amateur radio stations (hereafter, “other radio stations”) and scientific, medical, or industrial devices (including microwave ovens).

 - 1 Make sure no other radio stations are operating nearby.
 - 2 If handset interferes with an in-house radio station, immediately change frequency or cancel wireless LAN, and contact SoftBank Mobile Customer Center (see below).
 - 3 If interference with a low power radio station or amateur radio station occurs, contact SoftBank Customer Support.

From a SoftBank handset: 157 (toll-free)
From landlines: See [SoftBank Customer Support](#).

 - Available channels vary depending on the country.
 - For use in an aircraft, contact the airline beforehand.
 - For use of WLAN in a foreign country, the country may have limitations on such as frequencies and locations where you can use it. Before using WLAN in a foreign country, confirm the available frequencies, laws, regulations, and other conditions for use of WLAN of the country.

Copyrights

Copyrighted materials, such as music, images, computer programs and databases, and their respective copyright holders are protected by copyright laws. Duplication of copyrighted materials is permitted only for individual or home use. Duplications (including data conversion), modifications, transfers or network distributions of copyrighted materials for purposes other than stated above without permission of the copyright holders constitute an infringement of copyrights and violation of copyright holders’ rights, potentially causing claims for reparations or criminal punishment. Always observe applicable copyright laws when making copies using handset and recording materials using handset camera. The software installed in this handset is a copyrighted material and involves copyrights and human rights of copyright holders which are protected by copyright laws. Do not duplicate, modify, alter, detach from the hardware, disassemble, decompile or reverse-engineer the software in whole or in part by yourself, nor allow any third party to do the same, either.

Caution

Do not use handset if it has been altered. Using an altered device is a violation of the Radio Law. This handset is certified to conform to the technical standards for specific radio equipment based on the Radio Law, and Technical Conformity Mark  is printed on the model name seal as certification. If you remove screws and make alterations inside of handset, the technical standards conformity certification becomes invalid. Do not use handset with the certification invalid, as it is a violation of the Radio Law.

Radio Frequency (RF) Electromagnetic Safety

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

RF Energy & Specific Absorption Rate (SAR)

SoftBank 101N 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/health. The value of the limit is equal to the international guidelines recommended by ICNIRP***.

The highest SAR value for this mobile phone is 0.285 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.

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/> (Japanese)

* Ministry of Internal Affairs and Communications

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

*** International Commission on Non-Ionizing Radiation Protection

SoftBank Body SAR Policy

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.

For more information, see SOFTBANK MOBILE Corp. Website:
<http://www.softbankmobile.co.jp/ja/info/public/emf/emf02.html> (Japanese)

FCC Regulations

This mobile 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.

This mobile phone has been tested and found to comply with the limits for 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:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.
- Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

FCC RF Energy 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/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 0.57 W/kg, and when worn on the body in a holder or carry case, is 0.79 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. Non-compliance with the above restrictions may result in violation of FCC RF Exposure guidelines.

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 A98-AOX4655.

Additional information on Specific Absorption Rates (SAR) can be found on the Cellular Telecommunications & Internet Association (CTIA) Website: <http://www.phonefacts.net>.

European RF Energy 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/health.

The guidelines use a unit of measurement known as the Specific Absorption Rate, or SAR. The SAR limit for mobile devices is 2 W/kg and the highest SAR value for this device when tested at the ear was 0.288 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 0.307 W/kg. As SAR is measured utilizing the devices 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.

* Tests carried out in accordance with international guidelines for testing.

** Please see [Radio Frequency \(RF\) Electromagnetic Safety](#) for important notes regarding body-worn operation.

Declaration of Conformity

CE 0168 

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

Hereby, NEC CASIO Mobile Communications, Ltd. declares that 101N 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.n-keitai.com/>

Water & Dust Resistance

Handset has IPX5¹ and IPX7² water resistance and IP5X³ dust resistance when External Connector Cap is closed and Battery Cover is firmly attached.

1 IPX5: Continues to function as a phone after being water-sprayed at approx. 3 m from all directions, 12.5 L/min. for at least 3 min., from a 6.3 mm nozzle.

2 IPX7: Continues to function as a phone after being slowly immersed in still, room-temperature tap water to 1 m, and left for approx. 30 min. before being removed.

3 IP5X: Continues to function as a phone and to maintain security after being left in a device containing dust (diameter of 75 µm or smaller) for 8 hours, agitated and removed.

- You can talk and view One Seg in rain without an umbrella (approx. 20 mm/hour).
- Do not open Battery Cover/External Connector Cap if hands/handset is wet.
- You can place handset in tap water in a washbasin etc. at normal temperature and shake it gently to wash, or run under a weak flow from a faucet to wash by hand.
- While washing handset, Battery Cover must be firmly attached and External Connector Cap held shut.
- Do not wash with a brush, sponge, soap, detergent, etc.
- Do not run water from faucet directly onto Mic and Receiver/Speaker.
- Do not soak or drop handset into pool or sea water.
- Wash handset immediately if it has mud or soil on it. If it dries and hardens, it is harder to remove and causes damage and breakdowns.
- Handset can be used in the bathroom but keep it out of the bathtub.
- Never put handset in hot spring water or water containing soap, detergent, bath salts, etc.
- Avoid prolonged use in bathroom.

Things to Keep in Mind

- Before using handset, close External Connector Cap and Battery Cover fully and securely .
- Any small dirt (small fibers, hair, sand, etc.) trapped where parts join can allow dust and water to enter.
- Do not use handset (operate keys etc.) underwater.
- As illustrated below, do not place handset in any fluids other than water at normal temperature.

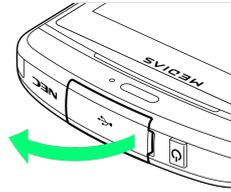
<Example>



Opening/Closing External Connector Cap

1

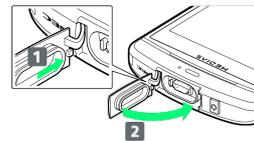
Open External Connector Cap



- Use fingernail in slot to open in arrowed direction.

2

Close External Connector Cap



- With tab on rear of External Connector Cap inserted **1**, push whole Cap firmly in **2** to close.

Attaching/Removing Battery Cover

- Drain water and wipe away moisture before removing Battery Cover.
- When attaching Battery Cover, check that there is no dirt or debris around edge of Battery Cover (particularly rubber seal).
- Water and dust could enter if Battery Cover is not firmly attached.
- Check that USIM Card, SD Card and Battery are correctly inserted before attaching Battery Cover.
- If USIM Card and SD Card are not inserted correctly, they may keep Battery raised, causing a gap between Battery Cover and handset that can reduce water/dust resistance.
- To maintain water/dust resistance, replacement of parts is required once every 2 years regardless of whether parts appear normal. Parts are replaced on a chargeable basis. Ask your Softbank Shop.

1

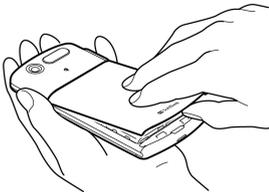
Lift Battery Cover



- Use slot to lift Battery Cover.

2

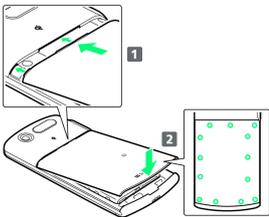
Remove Battery Cover



- Insert finger into gap to remove Battery Cover, without forcing.

3

Attach Battery Cover



- Insert studs of Battery Cover **1**, then press Battery Cover firmly down **2**.
- Press down firmly at circled locations and check there are no gaps between Battery Cover and Body.

Draining Water

If handset gets wet, follow procedure below to drain water.

- If there is water in Mic or Receiver/Speaker, volume or sound quality may be reduced. Follow procedure below to drain water, then allow handset to dry.

1

Use a clean, dry cloth etc. to wipe water off handset surface



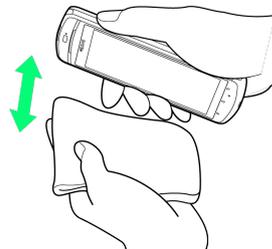
2

Hold handset firmly and shake it about 20 times, until no more drops come out



3

Use a clean, dry cloth gently on handset to remove water trapped in gaps in Mic and Receiver/Speaker



- Do not use a cotton swab etc. to directly remove water remaining in gaps.

4

Thoroughly wipe off water drained from handset with a clean, dry cloth, etc.

- If any water remains inside handset after wiping, it may seep out later.

Charging Battery

Accessories and options are not water/dust resistant. Always check the following points during and after charging.

- Check that handset is not wet. Drain any water and wipe with a clean, dry cloth etc. before placing handset on accessory Wireless Charger or opening External Connector Cap.
- If you open External Connector Cap for charging, close it securely afterwards. We recommend using Wireless Charger to avoid entry of water and dust through External Connector.
 - Never charge handset when it is wet.
 - Never touch AC Charger or Wireless Charger with wet hand as you could suffer electric shock.
 - Use AC Charger and Wireless Charger where they will not be exposed to water. Do not use them around water sources, such as in bathroom, shower, kitchen or washroom. Fire or electric shock could result.

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- The abbreviations of operating systems (Japanese versions) below are used in this manual.
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