Xperia™ Z3 User Guide

Xperia™ Z3 User Guide Contents

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About the User Guide

Thank-you for purchasing this product.

Before Using This Product

Read "Safety Precautions" and this guide thoroughly beforehand for proper usage.

Accessible services may be limited by subscription contract conditions.

Descriptions in the User Guide

In the User Guide, most operation descriptions are based on handset at time of purchase.

Unless noted otherwise, descriptions are for Home Screen. Some operation descriptions may be simplified.

Screenshots & Key Labels

Screenshots in the User Guide may differ in appearance with actual Display. Key labels in the User Guide are simplified for description purposes and differ with actual Display.

Other Notations

In the User Guide, the product is referred to as "handset."

· microSD™/microSDHC™/microSDXC™ Card is referred to as "SD Card."

Accessing Instructions on Handset

Use Guide application to learn touch operations or making settings.

Launching Guide



In Home Screen, 🌐 🗦 🔮 (SoftBank) 🗦 🔞 (Guide)













- Smartphone Guide top window opens.
- · If using Smartphone Guide for the first time, Usage notes and Auto Update confirmation appear. Follow onscreen instructions.

Setting Auto Update

In Smartphone Guide top screen, 🚦 🗦 Auto Update











Showing Status Bar Indicator

Set to show the indicator on Status Bar to launch Smartphone Guide.



In Home Screen,

(SoftBank)

(Guide)











- Smartphone Guide top window opens.
- \cdot If confirmation appears, follow onscreen instructions.















Setting is complete.

Launching Guide from Notifications Window

Show Smartphone Guide indicator on Status Bar to check functions quickly from Notifications Window.



Drag Status Bar down



- Notifications Window opens.

Tap here for Guide



- Smartphone Guide top window opens.
- Checking Operations from Notifications Window

For some applications/functions, operation description appears by launching Smartphone Guide from Notifications Window while the application/function is activated.

- \cdot Set to show the Guide indicator on Status Bar beforehand.
- \cdot If operation does not appear, Smartphone Guide top window opens instead.

Using Guide



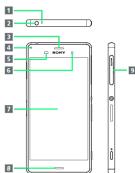
Item	Description
1 Enter Keyword	Search for Smartphone Guide.
2 Open Guide	Check operations for usage purpose. Voice search is also available.
3 FAQ	Check FAQ. Or access FAQ mobile web page.

Getting Started

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Parts & Functions

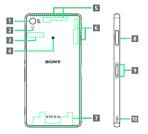
Handset



8	J ⊎
Part	Description
1 Second Mic	Reduces noise for calling.
2 Headphone Port	Connect commercially available headphones.
3 Earpiece/ Speaker	Hear the other party's voice here.
4 Notification Lamp	Flashes for incoming transmissions. Lights while charging.
5 Proximity Sensor	Detects surrounding brightness to automatically adjust Display or backlight and prevent Touchscreen misoperation during a call.
6 Front Camera	Capture yourself.
7 Display	Handset uses a touchscreen-type Display. Operate with your fingers on Display.
8 Mic/ Speaker	Speak here.
9 SIM Card/	Insert SIM Card/SD Card.

Insert SIM Card/SD Card.

SD Card Slot



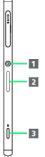
Part	Description
1 Camera	Capture still images and videos.
2 Flash/ Photo Light	Use as camera flash in a dark place.
3 Nameplate	CE mark, FCC ID, IMEI information printed sticker is attached. Do not remove nameplate.
4 NFC Mark	Hold mark up to reader/writer to use NFC/Osaifu-Keitai® feature.
5 Internal Antenna/GPS Antenna Area	Internal Antenna for calls, data communication, and GPS.
6 Wi-Fi/ Bluetooth® Antenna Area	Internal Antenna for Wi-Fi and Bluetooth®.
7 Internal Antenna Area	Internal Antenna for call and data communication.
8 External Device Port	Connect commercially available Micro USB Cable etc.
9 Charging Terminal for Desktop	Terminal for charging with Desktop Holder.

Attach strap.

Keys

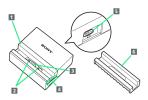
10 Strap Hole

Holder



A	
Part	Description
1 Power Key/ Screen Lock Key ((())	Long Press for power on/off. Press for sleep mode on/off.
2 Volume/ Zoom Up/ Down Key	Adjust Volume. Adjust Zoom while using Camera.
3 Camera Key ()	Use as Camera shutter. Long Press to launch Camera.

Desktop Holder



۲	ar	τ	

1 Attachment

2 Terminals

3 Magnet Contact

4 Recess

5 Charging Port

6 Attachment 45B

Description

Use when charging with Desktop Holder.

Contact with handset Charging Terminal for Desktop Holder.

Connect handset.

Use for removing Attachment.

Connect plug of AC Charger (optional accessory).

Charge cover-attached handset with Desktop Holder.

SIM Card

SIM Card is an IC card containing phone number and other customer information.

Handling SIM Card

- \cdot Customer is responsible for any damage caused by inserting SIM Card in an IC card reader, etc. of another brand.
- · SoftBank Mobile Corp. is not responsible in such case.
- · Always keep the IC chip clean.
- · Avoid applying labels. May damage SIM Card.
- \cdot See instructions included with SIM Card for handling.
- \cdot SIM Card is the property of SoftBank Mobile Corp.
- · SIM is replaceable (at cost) in case of loss/damage.
- \cdot Return SIM Card to SoftBank Mobile Corp. when canceling subscription.
- · Returned SIM Cards are recycled for environmental purposes.
- \cdot Note that SIM Card specifications and performance may change without notice.
- It is recommended that you keep a separate copy of information that is stored on SIM Card. SoftBank Mobile Corp. is not responsible for damages from stored information that is lost.
- Always follow emergency procedures to suspend service if your SIM Card or handset (SIM Card inserted) is lost/stolen.
 For details, contact Customer Service.
- \cdot Always power off handset before inserting/removing SIM $\,$ Card.



1 IC chip

Inserting SIM Card

Always power off beforehand.

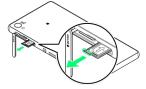


Open Slot Cover using groove



2

Draw Tray out using the tab



3

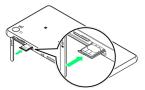
Set SIM Card into Tray with IC chip facing up



 \cdot Check SIM Card orientation by notch.



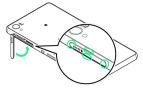
Insert Tray with SIM Card into handset



· Pay attention to Tray orientation.



Close Slot Cover and press it down where indicated $\bigcirc\text{,}$ and make sure there are no gaps



Removing SIM Card

Always power off beforehand.

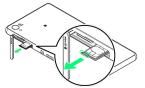


Open Slot Cover using groove



2

Draw Tray out using the tab



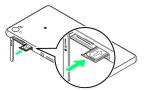
3

Remove SIM Card from Tray



4

Insert Tray into handset



 \cdot Pay attention to Tray orientation.



Close Slot Cover and press it down where indicated \bigcirc , and make sure there are no gaps



Internal Memory and SD Card

Save data to handset memory or SD Card. Handset supports SD Cards up to 128 GB. Some SD Cards may not operate properly.

SD Card Cautions

Data

Information stored on SD Card can become lost or changed accidentally or as a result of damage. It is recommended that you keep a separate copy of important data. SoftBank Mobile Corp. is not responsible for damages from data that is lost or changed.

Reading/Writing Data

Never power off while reading or writing data.

Battery Level

A low battery charge may prevent reading/writing to SD

Handling SD Card

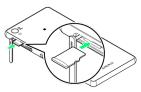
Use/store SD Cards away from the reach of infants. May cause choking if swallowed.

Inserting SD Card

Open Slot Cover using groove



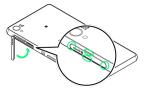
Slowly insert SD Card straight with metal chip facing down until it clicks



· Insert only SD Cards.



Close Slot Cover and press it down where indicated O, and make sure there are no gaps



Unmounting SD Card

Always unmount SD Card before removing.











[Storage]



Unmount SD card 🔵 OK





Item name changes from Unmount SD card to Mount SD card . SD Card is unmounted.







Removing SD Card

Always unmount SD Card beforehand.



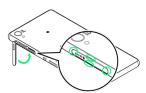
Open Slot Cover using groove



Push SD Card until it clicks and pull it out



Close Slot Cover and press it down where indicated \bigcirc , and make sure there are no gaps



Formatting SD Card

When using a new SD Card for the first time, always format it on handset.

- \cdot Formatting erases all data on SD Card. Carefully check any SD Card that was used on another device before formatting.
- \cdot Charge Battery while formatting, or format with adequate battery charge.



In Home Screen, ⊕ → 💢 (Settings)

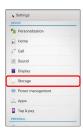






2

[Storage]



3

Erase SD card



4

Erase SD card



5

Erase everything

All data on SD Card is erased.

Charging Battery

Charging with AC Charger

AC Charger is an optional accessory. Use specified AC Charger (Micro USB 1.0A) (ZTDAC1) or AC Charger (Micro USB 1.8A) (ZTDAD1).

For other devices, see the SoftBank Mobile Web page.

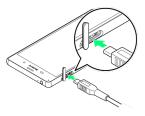


Open External Device Port Cover using gap



2

Insert Micro USB connector of AC Charger straight into External Device Port



 \cdot Pay attention to connector orientation. Forcible connection may cause damage.



Raise power plug of AC Charger to plug into power outlet



Notification Lamp on handset lights up when charging starts.



When charging is complete, unplug AC Charger and remove straight from handset

5

Close Slot Cover and press it down firmly, and make sure there are no gaps

Charging with Desktop Holder

Use included Desktop Holder (SOEAB1) and specified AC Charger (Micro USB 1.0A) (ZTDAC1) or AC Charger (Micro USB 1.8A) (ZTDAD1).

For other devices, see the SoftBank Mobile Web page.



Insert Micro USB connector of AC Charger into the charging port on back side of Desktop Holder



 Pay attention to connector orientation. Forcible connection may cause damage.



Raise power plug of AC Charger to plug into power outlet



3

Place handset in Desktop Holder and move left or right until it



Once correctly placed, Notification Lamp lights.



When charging is complete, lift handset while holding Desktop Holder and remove it



Unplug AC Charger and remove from Desktop Holder

Desktop Holder Use Cautions

Charging by connecting Desktop Holder and a PC is unavailable.

Removing Adapter Attachment

At time of purchase, Attachment 45A is attached to Desktop Holder.



Use Recess on one side of Adapter Attachment to lift it up to a detachable angle while holding Desktop Holder





 \cdot To attach Adapter Attachment, set it into Desktop Holder aligned with installation notches, then press it down firmly so as not to leave any gaps.

Attachment 45B

Attachment 45B only supports handset covers marked with "純正卓上ホルダ対応" (commercially available). Charge with Desktop Holder with the cover attached to handset.

Power On/Off

Powering On







- Lock screen appears.
- \cdot See "Unlocking Screen" to unlock the screen.
- · Startup guidance appears the first time handset is powered on. See "Making Initial Settings" to make settings.

Powering Off













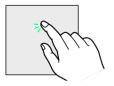
Handset powers off.

Using Touchscreen

Handset uses a touchscreen-type Display. Operate with your fingers on Display.

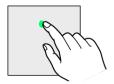
Tap

Contact Display lightly and briefly.



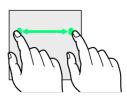
Touch & Hold

Touch screen lightly and hold it for a while. When the screen changes, release finger.



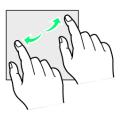
Drag

Touch icon or other item lightly, move it where desired, and release finger.



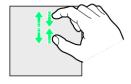
Swipe/Flick

Contact Display lightly, then brush screen up/down or left/right.



Pinch/Spread

Contact Display lightly, then close/widen fingers.



Initial Settings

Startup guidance appears the first time handset is powered on. Follow onscreen instructions.

Making Initial Settings

Some steps are different in use environment. Follow onscreen instructions.













Set Wi-Fi network 🗦 📄





3

Set Google account



 \cdot For details on Google account, see "Using a Google Account."



Set world of Sony (Connect Sony Entertainment Network) 🗦







Set online service account or auto sync 🗦 🔁







Finish

Initial settings are made.

Basic Operations

Basic Operation	IIO
Applications	19
Phone Number	22
Silent Mode	22
Airplane Mode	23
Text Entry	23
Using a Google Account	26
Google Play	28
Security Codes	30
SIM PIN	30
Locking Screen	31
Undating Software	マつ

Basic Operation

Home Screen & Applications List

Most handset operations start in Home Screen (appears at power on) or in Applications List.





Operations on Navigation Bar

Key icons are shown in Navigation Bar at the bottom of window. Tap Key icon to operate.

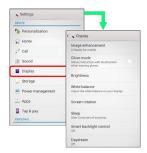


Item	Description
(Back)	Go back to previous screen.
் (Home)	Go to Home Screen.
(Recently used apps)	Open recently-used applications list to launch or delete the applications from the list. Or use or set small apps.

Selecting Options and Navigating Screens

Tap items, icons, onscreen keys, etc. to open assigned items.

• Tap 🔁 to go back to previous screen.



Menu Operations

Tap : for available settings and items.



Screens may also have settings and items that are available by Touching & Holding Display.



Handset Settings and Making Settings



Portrait Orientation & Landscape Orientation

The screen changes to portrait orientation when handset is rotated sideways.

· Depending on the current screen, the orientation may not change.



Capturing Screenshots

Long Press 0 and Volume Down Key at the same time to capture a screenshot of the current screen.

- View captured screenshots in Screenshots album in Album, etc.
- · Alternatively, Long Press (1) then Tap Take screenshot on the screen.

Capturing Screen Video

Capture shown screen as a video.

- \cdot If terms of agreement appears, confirm the content and Tap $\begin{tabular}{ll} Agree \end{tabular}$
- \cdot To close the control panel, Tap old X .

Applications

Launching Applications



In Home Screen,



- Applications list opens.
- · If confirmation appears, follow onscreen instructions.



Tap the application



Application is activated.

Applications List

Applications pre-installed by default are as follows.

 \cdot In Applications list, some applications are contained in "Sony Entertainment," "ツール," "SoftBank" and "安心・安全" folders.

folders.	
Icon	Function/Service
🍅 (App Pass)	All-you-can-download service application for top-rated and standard applications in entertainment, game, tool, lifestyle, or business categories. Receive perks such as free-ticket for purchasing additional items every month.
(Chrome)	Access Internet via Google Chrome.
≚ (Email)	Send or receive emails (one or more accounts available.)
[f] (Facebook)	Launch Facebook client application.
(File Commander)	Search for still images, videos, music, or downloaded files.
(FM radio)	Use FM radio.
(Gmail)	Send or receive mails for Google accounts.
8 (Google)	Search on handset or web pages by keywords.
	Launch "Google+" social networking client application provided by Google.
③ (Google Settings)	Make settings for Google applications.
(Internet SagiWall)	Protect handset from "one-click fraud" and other malicious web pages. Alert window appears if dangerous web page is detected.
(Lifelog)	Record user's physical activity and handset usage history and check them in chronological order.
⋒ (mora)	Purchase music and music videos from Sony's high sound quality download web store.
(Movie	Automatically create and edit photo
Creator)	movies from capture photos and videos.
<pre> ② (My SoftBank+)</pre>	Guide application providing useful information from SoftBank. Check your charges, convenient handset features, and recommended products/ contents.
(OfficeSuite)	View/edit Office documents.
(Play Games)	Download games from Google Play.
(Play Store)	Download or purchase a variety of applications from Google Play.
(Play Books)	Download new or bestselling e-books from Google Play.
(Play Movies & TV)	Access Google Play movie rental service to select and rent movies.

(PlayStation)	Sign in to a PlayStation Network account to use the services.
(Sony Select)	Access Sony Select to download applications or games.
(TrackID™)	Check information for currently playing music.
	Check information for currently showing TV program.
(TV SideView)	Use handset as remote controller for Sony TV.
☑ (Twitter)	Twitter official client application for publishing short messages on websites to share with others.
UAA (UULA)	All-you-can-view general entertainment application offering more than 95,000 contents in various categories such as popular movies, dramas, animes, music videos, live performances, and karaoke; Original UULA contents are also available.
(Video Unlimited)	Download favorite movies and view them on any device.
(Walkman)	Play back music data saved in handset memory or SD Card.
(What's New)	Enjoy latest music, movies, applications, or games.
(Wi-Fi Spot Settings)	Enable login to SoftBank Wi-Fi Spot automatically in SoftBank Wi-Fi Spot area. Subscription to SoftBank Wi-Fi Spot service is needed.
⊕ (Xperia™ Lounge Japan)	Access smartphone web pages for Sony Mobile Communications products and campaigns.
Y (Yahoo!)	Activate Yahoo! JAPAN for smartphones. Various search menus such as "リアルタイム" (real time) for catching "tweets." Also, check news, weather, disaster, or other information.
(YouTube)	Play videos or upload recorded videos.
(Alarm & clock)	Use Alarm, World clock, Stopwatch, or Timer. In World clock, view local time for any region in the world. Add regions and check several regions' times at the same time.
(Album)	Play still images or videos.
	Save handset data for Contacts/ Bookmarks/Calendar/S! Mail to the cloud server or SD Card, or load the server data to your handset. Convenient when changing models.
ダ (位置ナビ Link)	Let others find your handset location. Requires subscription to optional 位置ナビ service.
(Osaifu- Keitai)	Use Osaifu-Keitai®.
(VoiceSearch)	Use Google Voice Search.

(Camera)	Capture photos or videos.
(Calendar)	View calendar to manage events.
(Urgent News)	Receive Earthquake Early Warning or Tsunami warning delivered by the Meteorological Agency. If the warning is received when you are in the target area, handset sounds an alert, vibrates, and a message appears. Disaster/evacuation information can also be received from the national and local governments.
(Disaster Message Board)	Post, view, and delete whereabouts information in the event of a major disaster, such as a "6弱" (roku-jyaku, "6 Lower") or larger earthquake. And saved whereabouts information is automatically sent to specified email address set in advance.
<page-header> (Photos)</page-header>	View photos and videos. Sign in to Google + to back them up.
(Sketch)	Create illustration or load photo image and edit it.
S (Smart Connect)	Set operations for connecting external device or activating/ending applications.
Ѿ (Smart Security)	"Smart Security powered by McAfee®" protects your handset from viruses or leakage of personal information. Eliminate virus via infected installed application, email attachment files, or SD Card. Also, rate personal information that can be handled by applications.
堕 (スマセレ)	Download "アプリパック" package of select applications or "セレクト" package of applications and Home Screens in one download. Customizing whole Home Screen is available if choosing "セレクト."
ズ (Settings)	Make handset settings.
(Downloads)	View downloaded file list using Browser. Rearrange files listed in chronological order to in file size order, select, and delete downloaded files.
(Guide)	Check how to use SoftBank smartphone operations. Also view User Guide for handset, and access FAQ web page.
(Tethering)	Application for using 4G compatible smartphone as mobile Wi-Fi router. To use the feature, subscription to Tethering option is needed.
■ (TV)	View TV.
(Calculator)	Perform basic and other operations.
(電子書籍 Reader by Sony)	Purchase e-books from Sony eBook store "Reader Store."
(Phone)	Place calls or make call settings.

"Value and safe" service for enjoying smartphone; 髪 (とくする use value Yahoo! Premium, theft or loss パック) support, or super bargains for members 📤 (Drive) View and edit files saved in Google Drive. (News View and manage social networks such from as Facebook or Twitter or favorite news websites altogether. Socialife) (Hangouts) Chat using photos, pictograms, or videos. Access Internet to browse web pages. (Browser) View and manage health-related data such as number of steps, consumed calories, △ (ヘルスケ hours of sleep, or weight by linking ア) health-monitoring devices provided by SoftBank. Position current location or search other (Maps) places or route. Play back videos downloaded via Video Unlimited or transferred from a PC etc. Play back videos from DLNA device or (Movies) TV programs recorded by TV transfer compatible Blu-ray Disc recorder on handset using Wi-Fi feature. Use SMS/S! Mail on SoftBank smartphones. Use "@softbank.ne.jp" or (Mail) "@x.vodafone.ne.jp" mail address. Sending or receiving of decorated mail or pictograms is available. (Contacts) Manage contacts.

Operations on Applications List

Adding Icon to Home Screen

In Applications List, Touch & Hold an icon Drag it to

Add to Home screen at the top of window Drag the
icon anywhere in Home Screen area When Home Screen
appears, Drag it to desired position

Deleting Applications

 $\label{thm:contour} \mbox{Some application cannot be uninstalled.}$

Flick right from the left edge of Applications list
Uninstall
Tap an icon with "x"
Uninstall

Rearranging Icons

Flick right from the left edge of Applications list 🗦

Own order / Alphabetical / Most used

 With "Own order" set, Touch & Hold an icon to rearrange to desired position.

Phone Number

Checking Your Phone Number

1







2

(About phone



3

[Status]



Check phone number.

Silent Mode

Using Silent Mode

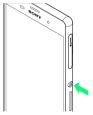
Set ringtone, operation sounds, etc. not to sound to avoid disturbing others around you.

 \cdot Camera shutter, video start/stop tones, video and music sound even in Silent mode.





(Long Press)



(Mute)/ (Vibrate)



- 🏁 Handset is in Silent mode.
- \cdot Long Press Volume Down Key to set vibrator, and Press Volume Down Key to mute sound while vibrator is set.

Airplane Mode

Using Airplane Mode

Disable all functions that emit signals. Handset remains powered on.







2

Airplane mode



- 🏁 Handset is in Airplane mode.
- \cdot Use same operation again while in Airplane mode to cancel.

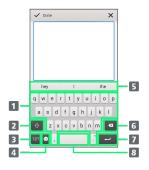
Text Entry

Keyboard

Enter text with on-screen QWERTY keyboard by Tapping each character individually, or use Gesture input feature and slide finger from character to character to form words.

- · Tap 💙 to hide keyboard
- Touch & Hold text in text entry window and magnified text appears in small balloon.
- · Input method is set to International keyboard (Xperia™ keyboard) by default. To input Japanese, change default keyboard to Xperia™ Japanese keyboard. For settings, see "Language & input."

Keyboard Layout



- 1 Enter a character.
- 2 Switch between lower-case ② , upper-case ③ , and caps ❖ . For some languages, this key is used to access extra characters in the language.
- 3 Toggle with numbers and symbols keyboard. For even more symbols, Tap 3.
- 4 Show Emoticon/Pictogram list.
- 5 Show entry candidates.
- 6 Delete a character before cursor.
- 7 Enter line break or confirm text input.
- 8 Enter a space.

Entering Alphabet

- · To enter character visible on keyboard, Tap the character.
- To enter character variant, Touch & Hold keyboard character to show option list, then select from the list.
- · To enter a period, Double-Tap the space bar.

Entering Emoticons/Pictograms



In Text Entry window,





2

Toggle option tab above the keyboard



 \cdot Scroll down to view more options on each list.



Tap emoticon or pictogram



Emoticon or pictogram is entered.

- · Pictograms can be entered consecutively.
- To return to QWERTY keyboard, Tap 🔤 / 💷 .

Pasting Cut/Copied Text



Double-Tap text



Text is highlighted by tabs on both sides and editing tool appears.

· To enter all text, Tap 🔢 .



Drag 6 / 6 to select range



3





4

Touch & Hold Text Entry window → PASTE



Cut/Copied text is pasted.

Making Text Entry Settings

1

Tap 1217 , then Tap 🗶



Option menu appears.

2

Keyboard settings



Settings menu opens.

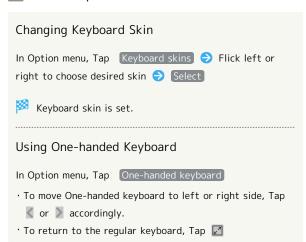
3

Personalization guide



- Setting guidance window opens.
- \cdot Follow onscreen prompts to customize keyboard.

Other Options





Using a Google Account

Use a Google account and get more convenience with Google services. A Google account is required to use some services or fully use some applications.

Google Account Cautions

Be careful not to forget your Google account ID or password.

Obtaining a Google Account

In Home Screen, ⊕ → 💢 (Settings)





2

Add account



3

[Google]



Add a Google Account appears.

4

[New]



5













6

Enter mail address 🔵 🕨





 \cdot If confirmation appears, follow onscreen instructions.



Enter password \Rightarrow Next \Rightarrow Enter password again (for confirmation) 🔵 📘





Not now Set to enable/disable backup & restore Set to receive the latest information from Google Play or not



• To set password recovery, Tap Set up recovery options . Follow onscreen instructions.

9

[accept]



10

Enter distorted characters 🔵 📘



· If unreadable, enter any character and Tap . Distorted characters appear.

11

[Not now]



• For using Google+, Tap Get started 🗦 🗋 in order. Follow onscreen instructions.

12

Skip



- Account creation is completed.
- \cdot To set payment information, select the item, and Tap $$\operatorname{Next}$$, then follow onscreen instructions.
- \cdot If confirmation appears, follow onscreen instructions.

Logging In with a Google Account

If an application is activated that requires a Google account, Add a Google Account appears. Sign in with the added Google account to use the application.

1



Google account Sign in appears.

2

Enter mail address
Next
Enter password



3

Follow onscreen instructions

You are signed in to your Google account.

Google Play

Download a variety of applications (free/paid) from Google Play. Change the setting of downloaded applications to enable manual or automatic updates. Log in to your Google account beforehand.

Installing Applications

Many different kinds of applications can be installed on handset from Google Play (provided by Google Inc.). SoftBank Mobile Corp. is not responsible in any way for user-installed applications (quality, reliability, legality, fitness for a purpose, credibility, accuracy, etc.) or resulting malfunctions (viruses, etc.).

Installing Free Applications



In Home Screen, (Play Store)



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



Tap free application → Install → ACCEPT









Application is downloaded and installed.

Purchasing Paid Applications



In Home Screen, programme (Play Store)



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



Tap paid application
Tap amount Follow onscreen instructions

Application is downloaded and installed.

Purchased Applications

Payment

Pay only once. Redownloads of uninstalled applications are free of charge.

On Other Android Devices

Install an application on any Android device under the same Google account for free.

Requesting Refunds

Refund is possible within a limited time. By requesting a refund, the application is deleted and the charge is cancelled. A refund request is valid only once per one application.

Flick right from the left end of Google Play window 🔵





My apps
Tap application REFUND



Purchasing Applications

Purchase applications at your own risk. SoftBank Mobile Corp. is not responsible for any disadvantage resulting for user or third parties.

Updating Applications

1

In Home Screen, 🕟 (Play Store)



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

2

Flick right from the left end of Google Play window (>) My apps (>) Tap application to update (>) UPDATE (>) Follow onscreen instructions

- Application is downloaded and installed.
- \cdot If confirmation appears, follow onscreen instructions.

Automatic Application Updates



 $\boldsymbol{\cdot}$ Automatic updates are unavailable for some applications.

Uninstalling Applications

Applications installed from Google Play can also be uninstalled.

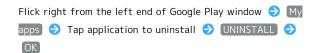


In Home Screen, 🕟 (Play Store)



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

2



Application is uninstalled.

Get Help with Google Play

1

Flick right from the left end of Google Play window 🤿





The Web browser will take you to the Google Play Help Web page.

2

Follow onscreen instructions

A description for each item appears.

Security Codes

Security Codes

A Center Access Code (Call Barring Password) is required for using handset. This code is the four-digit security code at time of subscription. It is required when using option services from a landline phone or subscribing to fee-based Web information.

- \cdot Be careful not to forget Center Access Code (Call Barring Password). If you forget Codes, you will require assistance. For details, contact Customer Service.
- · Be careful to keep Center Access Code (Call Barring Password) confidential. SoftBank Mobile Corp. is not responsible for damages resulting from misuse by other
- · Call Barring settings will be locked if incorrect Call Barring Password is entered three times consecutively. If settings are locked, Center Access Code (Call Barring Password) must be changed. For details, contact Customer Service.
- · If you have previously changed Call Barring Password on a wireless phone, enter the latest Call Barring Password to set Call Barring.

SIM PIN

PIN is the security code for your SIM Card. It prevents third parties from unauthorized use of handset. At time of purchase, "9999" is set.

Enabling SIM PIN

Enable SIM PIN to show PIN entry window when handset power is on with SIM Card inserted.















2













PIN Cautions

Entering incorrect PIN three times locks PIN. To release locked PIN, enter PUK (Personal Unblocking Key). For details on PIN, contact Customer Service. Entering incorrect PUK ten times consecutively locks SIM Card to disable handset operations. In that case, reissue of SIM Card at a SoftBank Shop (paid service) is needed.

Changing SIM PIN

Operation can be performed only when PIN is enabled.

1

In Home Screen, ⊕ → 💢 (Settings) → Security













2



















PIN is changed.

Locking Screen

Display is locked after a set period of inactivity. Alternatively, Press (b) for manual screen lock. This saves battery power and prevents accidental Touchscreen operation.

Unlocking Screen



In sleep mode (Screen lock active), (b)



Lock screen appears.



Flick screen



Screen is unlocked.

 \cdot The method for unlocking the screen can be changed. See "Security" for the unlock method.

Adding Widgets to Lock Screen

Add widgets such as clock, calendar, etc. to Lock screen. Set "Allow widgets on lock screen" in "Security" in advance.



On Lock screen, Flick right clock widget 🔵 🛨







 $^{\cdot}$ When widgets are already added, Flick right until $\ ullet$ is shown.



Select a widget



Widget is added to Lock screen

Operations on Lock Screen

Deleting Widgets

On Lock screen, Flick widget right
Flick right or left to show widget to delete

Touch & Hold the widget Drag the widget to "Delete."

Launching Camera

On Lock screen, Touch & Hold 💽 🗦 Drag it to 🚨 .



Updating Software

Check whether updates are required via the Internet, and update as required.

Before Updating Software

Saved data may be lost depending on condition of handset (malfunctioning, damaged, water seepage, etc.). It is recommended that you back up important data before updating software. SoftBank Mobile Corp. is not responsible for damages from loss of data. Software Update makes a part of settings to the default.

Software Update Cautions

During Update

Handset cannot be used until software is updated. It may take time to update software.

Signal during Update

Operate handset where signal reception is good and without changing location. Also operate with adequate battery charge. Signal becoming weak or Battery becoming low during an update may cause an update failure. An update failure may disable handset.

If Using Other Functions

Other functions cannot be operated during a software update.

Updating Software

Automatic update is set by default. To update software manually, operate as follows.















3

Software Update



- Software Update window opens.
- 4



- Software update starts.
- Connecting to PC to Update Software

To update software connecting to a PC, install software for "Software Update" on the PC beforehand.

For installation of the software, see the following web

http://www.sonymobile.co.jp/support/

Operations for Software Update Configuration



Handset Interface

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Rearranging Home Screen	1

Home Screen Basics

Home Screen appears at power on; most handset operations start here. Customize Home Screen with application shortcuts, widgets, and folders.

Home Screen Layout



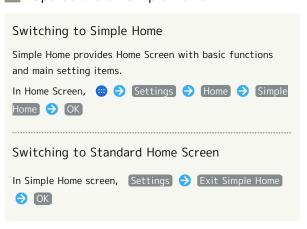
List Key

[4]─[
Item	Description
1 Status Bar	Drag down for Notifications Window.
2 Home Screen Position	Current position among several Home Screen sheets.
3 Dock	Tap an icon to activate application or function. Customize with up to four application shortcuts. Also, create folders.
4 Navigation Bar	Tap Key icon to operate. For Navigation Bar, see "Operations on Navigation Bar."
5 Customize Area	Place application shortcuts, folders, widgets freely.
6 Applications	Open applications list.

Toggling Home Screen Sheets

Home Screen consists of 7 sheets. Customize each Home Screen sheet with application shortcuts, widgets, etc. to make handset more convenient. Flick Home Screen left/right to toggle sheets.

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



Status Bar

Status Bar appears at the top of Display. Notification Indicators for new mail, etc. and Status Indicators for handset appear here.

Status Bar Layout



- 1 Notification Indicators
- 2 Status Indicators

Main Notification Indicators

Notification Indicators appearing in Status Bar include the following.

Indicator	Description
?	Launch Guide (Drag Status Bar down and open from Notifications Window)
č	Missed Call
6	Call Arriving
<u>~</u>	Calling¹/Dialing¹
<u>(1)</u>	Answer on Hold ¹ /Call on Hold ¹
9	New Recorded Message
တ	New Voicemail
M	New Gmail
×	New Email
⇒	New Text Message (SMS)/S! Mail
(1)	Urgent News
?	Wi-Fi Open Network Available
₽	USB Connected
*:	Sharing File via Bluetooth®
<u>^</u>	Data Uploading
ż	Data Downloading
Ê	Application Update Available
₽	Application Installation Complete
	Screenshot/Screen Recording Saved
Í	Viewing TV¹/Scheduled Viewing Started
=	Recording TV ¹ /Scheduled Recording Started
₩.	Playing Back Music with Walkman®
	Calendar Event Reminder
©	Snoozing/Unchecked Alarm
(4)	NFC/Osaifu-Keitai® Locked
	Unmount SD Card
	SD Card Removed
*-	Readying SD Card
F	Software Update Notice, Downloading Complete, Stopped

¹ Appears when switching to other window such as Home Screen.

Main Status Indicators

Status Indicators appearing in Status Bar include the following.

Indicator	Description
(100	Battery Full (100%)
∮ [97%]	Battery Charging
4 %	Battery Low (4% or less)
.	Signal Strength
4G -11	4G LTE/4G Data in Use ¹
3 <u>G</u>	3G Data in Use
	No Signal
从	Airplane Mode
ଲି	Wi-Fi Connected
*	Bluetooth® ON
₿	Bluetooth® Connected
%	Silent (Vibrate) Mode
∢×	Silent (Mute) Mode
©	Alarm Set
₹	Obtaining Current Location

1 Handset supports FDD-LTE (SoftBank 4G LTE) and AXGP (SoftBank 4G); indicator appears when handset is connected to either. Handset connects to SoftBank 4G first.

Using Notifications Window

Drag Status Bar down to open Notifications Window. Open Notification Indicators to check details.

Opening Notifications Window



Drag Status Bar down



Notifications Window opens. Open Notification Indicators and check details.

Closing Notifications Window

Drag Notifications Window up

· Alternatively, Tap 🔁 to close Notifications Window.

Notifications Window Layout



Part	Description
1 Notifications/ Running Items	Check notification details or item setting.
2 Quick Settings	Set On/Off of each function. Tap Edit to change number of items or sort order. Alternatively, Drag Status Bar down with two fingers.
3 Clear	Clear all notifications. Some notifications are not clearable.

Activating/Canceling Recently-**Used Applications**

Check recently-used applications and exit them.

Activating Recently-Used Applications

View recently-used applications in thumbnail list and launch application from the list.







Tap application in thumbnail list



Application is activated.

Canceling All Running Applications

Cancel all running applications.







Close all

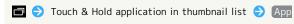


- All running applications are canceled.
- Operations for Recently-Used **Applications**

Deleting Recently-Used Application from List



Checking Recently-Used Application Information







Using Small Apps

Activate small app while using another application in a small window.

Activating Small Apps

Activate small app.







2

Tap a small app icon



1 Small Apps Bar (Favorites)



- \cdot If one or more small apps are set, Flick Small Apps Bar left or right to find desired small app.
- $^{\cdot}$ To close running small app, Tap $\,\,igwedge$.

Adding Small Apps

1





2





Small Apps list opens.

3





4





Google Play activates.

· Tap Widgets and then select widget to add the small app to Small Apps list.

5

Tap small app to download

Small app is installed to Small Apps list.

Operations in Small Apps List

Adding Small App to Small Apps Bar (Favorites)

In Small Apps list, Touch & Hold an icon Drag to anywhere on Small Apps Bar (Favorites)

Deleting Small App from Small Apps Bar (Favorites)

In Small Apps Bar (Favorites), Touch & Hold a small app
Drag to Drag to Renaming Widget

In Small Apps list, Rename widget Drap a widget Enter name Dok

Deleting Small Apps

Delete widgets or small apps in Small Apps list.







2





Mall Apps list opens.



1



4







Select widget/small app









Rearranging Home Screen

Set Wallpaper to Home Screen, or add shortcuts, widgets and folders for quick access to applications and files.

Operations for Rearranging Home Screen

Moving Widgets and Icons

In Home Screen, Touch & Hold target item

Drag where to move widget

Deleting Widgets and Icons

In Home Screen, Touch & Hold target item 🔵 Drag to "Remove"

Changing Wallpaper



Touch & Hold area of Home Screen without icons 🗦



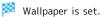
[Wallpapers]



· Alternatively, in Home Screen, Tap 🙃 , Settings , and Personalization , then Tap Wallpaper .



Select wallpaper



· Depending on selected Wallpaper, additional settings may be required. Follow onscreen instructions.

Changing Themes

Change theme for Home Screen or wallpaper of Lock Screen.

1

Touch & Hold area of Home Screen without icons

Themes







· Alternatively, in Home Screen, Tap 🐽 , Settings , and Personalization , then Tap Themes .

Tap theme



Apply theme



4



Theme is set.

Adding Shortcuts

Add shortcuts for applications.



Touch & Hold area of Home Screen without icons

Apps





Tap application to add a shortcut to



Shortcut is added.

 \cdot If settings appear, follow onscreen instructions.

Adding Widgets

The following widgets can be added.

Widget	Description
Play	View contents recommended by Google
Recommendation	Play.
Cameras	Select capturing mode then launch Camera.
Calendar	Show calendar events.
Quick Throw	Connect device to play back handset contents with simple operation.
Drive	Use Google Drive.
Hangouts	Chat using photos, pictograms, or videos.
Bookmarks	Show Browser bookmarks.
Bookmarks	Show Chrome bookmarks.
Mail (easy mode)/(detail mode)	Launch SoftBank Mail.
Play-My Library	View contents such as videos and e-books.
Clocks	Show clock. Tap to launch "Alarm & clock."
Photos and videos	View still images or videos.
World clock	Check world clock.
Weather	Show weather.
Top Contacts	Show frequently used contacts.
	Select Email account or the folder to
Email	view.
Facebook	Post comment on Facebook or upload
Buttons	images.
Facebook Status	View or post Facebook comments.
Gmail	Check mails for selected label quickly.
Google Now	View information automatically according to hours, current location, or location history.
Google Play Books	Read e-books purchased in Google Play Books.
Google+ User Location	Show Google+ user location.
Google+ posts	View Google+ posts.
Google Search	Search for web pages or handset.
OfficeSuite Recent History	Show recent history for OfficeSuite documents.
Play Store	Show applications provided by Play Store in random order.
Reader™	Purchase e-books in Sony eBook store
Store widget	"ReaderStore."
Socialife	Post message to social networks such as
Share	Facebook or Twitter.
Socialife Timelines	Show one topic from social networks such as Facebook or Twitter, or favorite news website.

Socialife Headline	Show headlines from social networks such as Facebook or Twitter, or favorite news website.
STAMINA mode	Toggle on/off for STAMINA mode.
TrackID™	Show TrackID™.
TV SideView	Use handset as remote controller for Sony TV.
Twitter	View Twitter tweet comments. Direct
(small)/(large)	posting is also available.
Walkman	Use Walkman®. Play back, pause, or skip
	songs.
What's New	View What's New.
YouTube	Show videos recommended by YouTube.



Touch & Hold area of Home Screen without icons 🗦



(Widgets)



Widgets list opens.

2

Tap widget



Widget is added.

 \cdot If settings appear, follow onscreen instructions.

Adding Folders

1

In Home Screen, Touch & Hold icon to place in a folder



2

Drag the icon above another icon to place in the same folder



Folder is added.

Changing Folder Names



Phone

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Placing/Answering Calls

How to dial directly to make a call and answer a call, as well as options when a call is arriving/during a call are described.

Emergency Call Location Information

If handset is used to place a call (3G) to emergency numbers such as 110, 119, or 118, your location is automatically reported to the emergency organization such as Police. Location report is calculated from positioning information provided by call accepted base station.

- · This service requires no application or communication fee.
- The emergency organization may not be able to determine your precise location due to where the call was made or signal conditions. Be sure to give your location and purpose of the call to the emergency organization.
- · Location cannot be reported if you dial with caller ID hidden, for example, using "184" prefix. However, the emergency organization may obtain your location in a life-threatening, etc. crisis.
- While using international roaming, Location report is disabled.

Adjusting Volume of Call

During a call, Press Volume Up Key/Volume Down Key.

? Hints

- Q. Difficulty during call
- A. It may not be possible to make a call properly in a noisy location.
- A. When calling using Speaker, check the call volume. Raising the call volume may make calling difficult.
- Q. Sound pops momentarily during a call
- A. Are you changing location while calling? Sound pops when signal is weak and handset switches to a different area.

Placing Calls

1

In Home Screen, (Phone)



Call window opens.

2

Tap dialpad to enter the other party's number



· Enter area code first for calling landline numbers.







Handset dials number. Call begins when other party answers.



To end the call, [End call]



Call ends.

Calling the Emergency Number When Handset Screen is Locked

In Lock Screen, Tap Emergency call Enter number for emergency service

· It is available when the unlock method is a setting other than None or Swipe .

? Hints

- Q. Call does not connect
- A. Was the number dialed using the area code? Dial the number starting with "O."
- A. Are conditions for calling poor? Call again after moving to an area where signal is good.

Answering Calls

1

When a call arrives, Drag 🙋 to right



🔀 Call begins.

2

To end the call, End call



Call ends.

Missed Calls

When call is not answered, 🔀 appears on Status Bar.

- Drag Status Bar down Tap Call back / Message below notification to place a call or send a message.
- Drag Status Bar down 🔵 Tap notification to show Call History.

Operations When Call Arriving/Using Answering Machine

Canceling Ringtone

Press Volume Up Key/Volume Down Key when call is arriving.

Answering by Putting a Call on Hold

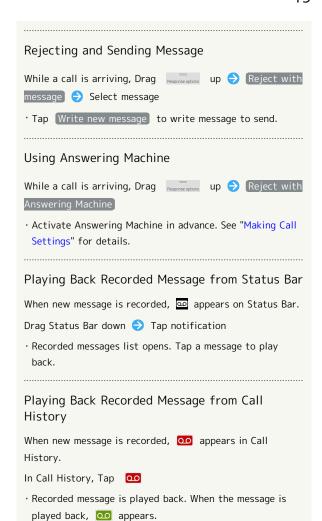
While a call is arriving, Drag Response options up 🔵 Put caller

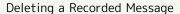
on hold 🔵 To answer the call, Drag 👩 right.

 The other party hears answer-holding message. To end holding call, reject the call or the other party ends the call.

Rejecting Call

Drag 💩 to left when call is arriving







In-Call Screen Layout/In-Call Operations

During a call, Tap the icon to use the following functions.



- 1 Show name/phone number saved to contact
- 2 Show call time
- 3 Show phone number saved to contact
- 4 Show image saved to contact
- 5 Call using Speaker
- 6 Show dialpad to send push signals while calling
- 7 Mute your voice to the other party
- 8 Place call on hold
- 9 Show Dial window to place a second call
- 10 End call

Preventing Erroneous Operations During

Turning off Backlight During Call

Handset detects face coming too close during a call and turns off backlight for preventing erroneous operations. Bring handset away from face or Press (10) to turn on backlight.

Lock Screen During Call

Display is locked after a set period of inactivity even during a call. Alternatively, Press (b) to lock Display manually. To unlock screen, Press 🕲 .

· When "Power button ends call" is set, Pressing 🕲 ends call. Instead, Press Volume Up Key/Down Key to unlock screen while "Power button ends call" is set. For details, see "Accessibility."

Placing a Call from Contacts/Call History

Make calls quickly using Contacts and Call History.

Placing a Call from Contacts











- Contacts appear.

Tap target contact



3

Tap number



🔀 Handset dials number. Call begins when other party answers.

4

To end the call, End call





Call ends.

Placing a Call from Call History

1

In Home Screen, (Phone)



Call History opens.

2

Tap target call log



Handset dials number. Call begins when other party answers.

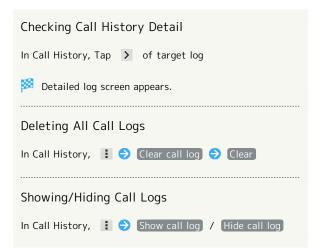
3

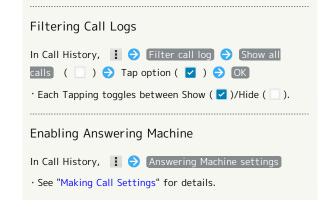
To end the call, End call



Call ends.

Operations On Call History





Optional Services

Optional Services

Use the following optional services.

Service	Description
Call Forwarding	Divert all/unanswered calls to a preset number.
Voicemail	Divert all/unanswered calls to Voicemail Center.
Call Waiting ¹	Answer calls during a call.
Group Calling ¹	Connect multiple lines.
Caller ID	Show or hide your number when placing calls.
Call Barring	Restrict calls according to situation.

1 Requires separate subscription.

Using Call Forwarding







2





Voicemail/Call Forwarding

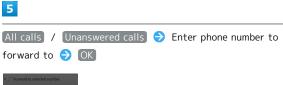


Voicemail/Call Forwarding window opens.

4

Activate Call Forwarding





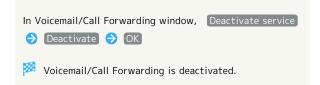


- · If Unanswered calls is selected, set ring time.
- \cdot Select phone number to forward to from Contacts.





- Call Forwarding is activated.
- Deactivating Voicemail/Call Forwarding



Using Voicemail







2





3

Voicemail/Call Forwarding



Voicemail/Call Forwarding window opens.

4

Activate Voicemail





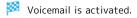




· If Unanswered calls is selected, set ring time.

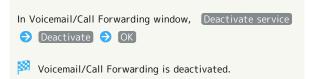






· When new message is recorded, on appears on Status Bar. Drag Status Bar down and Tap New voicemail , then follow the voice prompts.

Deactivating Voicemail/Call Forwarding



Using Call Waiting

This service requires subscription.



In Home Screen, ⊕ → 💢 (Settings)







2





3

Additional settings



4





- Call Waiting is activated.
- \cdot When a second call arrives during a call, Call Waiting tone is heard. Drag 🧿 right to answer the call.

Using Group Calling

This service requires subscription.

1

During a call,



2

Enter phone number/Select from contacts 🗦 🌈



🔀 Call is added.

3

When the other party answers, Merge calls

Group Calling starts.

Using Caller ID Notification

1

In Home Screen, ⊕ → 💢 (Settings)



2

 $[\mathsf{Call}]$



3

Additional settings



4





🔀 Caller ID is set.

Using Call Barring

Restrict call and SMS.

- · Call Barring requires Call Barring Password.
- \cdot Entering incorrect Call Barring Password three times disables Call Barring. Call Barring Password must be changed. For details, contact Customer Service.
- \cdot If you have previously changed Call Barring Password on SoftBank handset, enter the latest Call Barring Password to set Call Barring.
- · If a call or SMS is attempted while calling is restricted, a message appears. Message may take time to appear in some



In Home Screen, ⊕ → 💢 (Settings)







2

[Call]



3

Call Barring



4

Tap target option to restrict 🔵 Enter Call Barring Password





- Call Barring is set.
- · To disable all call barring, Tap Deactivate Call Barring and enter Call Barring Password, then Tap OK .

Making Call Settings

Making Call Settings

Make call-related settings. Settings can be made for the following items.

Item	Description
Phone ringtone	Set ringtone.
Vibrate when ringing	Enable vibration for ringtone.
Increasing ringtone	Set whether to increase ringtone gradually.
Dialpad touch tones	Set whether to sound when touching dialpad.
Answering Machine	Set Answering Machine.
Call Blocking	Set call rejection.
Reject call with message	Edit messages for sending when rejecting a call.
TTY mode	Make settings for TTY Mode.
Hearing aids	Activate Hearing aids.
Voicemail/Call Forwarding	Set use or operations of Voicemail/Call Forwarding. For details, see "Optional Services."
Call Barring	Restrict call/SMS. For details, see "Using Call Barring."
Additional settings	Set Caller ID or Call waiting. For details, see "Using Call Waiting," "Using Caller ID Notification."
Microphone noise suppression	Suppress noise during a call.
Equalizer	Adjust call sound quality.
Speaker voice enhancement	Enhance call sound.
Slow talk	Slow the other party's talking speed.
Accounts	Make settings for an IP call account.
Use Internet calling	Make settings for IP calls.

In Home Screen, 🌐 🗦 💢 (Settings)









2





🔀 Call window opens.

Set items



Call-related settings are complete.

Call Settings Operations

Enabling Answering Machine

Enable Answering Machine to receive the other party's message for unanswered calls. It is different feature from Voicemail service. When setting for first time, record greeting.



- Answering Machine is set (🗹).
- \cdot If confirmation appears, follow onscreen instructions.
- · To activate Answering Machine, record one or more greeting messages. Deleting all recorded greetings turns off Answering machine.
- · Change ring time or set whether to enable Answering Machine during International roaming.

Playing Back Recorded Messages

In Call settings, Answering Machine

Messages Tap recorded message.









Recorded message is played back.





Using Contacts

Save phone numbers, mail addresses, etc. to Contacts.

Contacts Cautions

If handset is left uncharged, contact may be altered/lost. Accident or malfunction may also cause loss or change to information. It is recommended that you keep a separate copy of contacts and other important information.

SoftBank Mobile Corp. is not responsible for any damages from lost or changed contacts.

Adding New Contacts



In Home Screen, 🌐 🗦 🛂 (Contacts)



Contacts appear.

2

1+



 \cdot If confirmation appears, follow onscreen instructions.



Enter items

Done



Contact is added.

Saving Contacts from Call Window

Save a number entered in call window directly to Contacts.

In Home Screen, (Phone) Tap dialpad to enter number to save Add to Contacts .

Checking Contacts

1





Contacts appear.

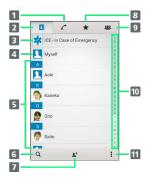
2

Tap contact to check



Contact details appear.

Contacts Screen Layout



Item	Description
1 Call tab	Call window opens.
2 Contacts tab	Show contacts list.
3 ICE	Save medical information or relatives' contacts in case of emergencies.
4 Myself	View or edit your contact.
5 Contact	Tap to show contact details.
6 Search	Search contacts.
7 Add new	Add a new contact.
8 Favorites tab	Show Favorites list.
9 Groups tab	Show contact groups.
10 Index	Show index to search contact by Japanese syllabary or alphabetical order.
11 Menu	Make contact settings.

Editing Contacts

1

In Home Screen, 🙃 🕞 🛂 (Contacts)



Contacts appear.

2

Tap target contact 🗦 🖍



3

Edit items 🔵 Done



Contact changes are complete.

Deleting Contacts

1

In Home Screen, ⊕ 🗦 🔽 (Contacts)



Contacts appear.

2





3

Tap target contact 🗦 🛍



 \cdot Only one contact is also selectable. To select all contacts, Tap 0 selected and Mark all .

4

Delete

Contacts are deleted.

Importing Contacts

Importing Contacts from SD Card

Import (load) contacts that are backed up on SD Card.







Contacts appear.







3

SD card



4

Follow onscreen instructions

Contacts are imported.

Backing Up Contacts

Backing Up Contacts to SD Card

Back up (save) contacts to SD Card.







Contacts appear.







3

SD card



4

OK



Contacts are saved to SD Card.

Messaging & Internet

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Messaging

S! Mail

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

SMS

Exchange short messages (up to 140 single-byte characters) using handset numbers as addresses.

Gmail

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

Email

Use email (POP3/IMAP4) on handset.

- · Set up an email account beforehand.
- \cdot Sending/receiving email on handset syncs handset and mail server; sent/received messages (in the POP protocol, received messages only) are also accessible from PCs.

S! Mail Initial Setup

Setting Up S! Mail Initially

When activating mail for the first time, complete setup to send/receive S! Mail using Wi-Fi and to import sent/received SMS by Φ (Hangouts).



In Home Screen, (Mail)





- Setup to Wi-Fi connection window opens.
- · If confirmation appears, follow onscreen prompts.



Set Now



- 🧭 Wi-Fi connection setup is complete and folder list opens.
- · To perform setup later, Tap Set Later .
- Completing Wi-Fi Connection Setup for S! Mail via Menu Items

If you Tap Set Later at initial startup, complete setup to send/receive S! Mail using Wi-Fi as follows. In folder list, ♦ Send/Receive Settings ♦ Wi-Fi Connection

Cautions for Sending/Receiving S! Mail Using Wi-Fi

International S! Mail Transmission Fees

Transmission fees apply when sending international S! Mail messages even if Wi-Fi is in use.

S! Mail Reception while Display is Completely Dark (Screen Lock Active)

To receive S! Mail messages using Wi-Fi even when Display is completely dark (Screen lock active), disable Wi-Fi sleep policy in Wi-Fi settings.

Folder List/Thread List

View mail in folder list or thread list.
Folder list view is described here. Operation for thread list may be different.

Switching between Folder List and Thread List

1

In Home Screen, 📄 (Mail)



2

Tap name of the current list view



3

Tap name of the list view to change to



The list view switches.

Folder List

Messages are sorted and saved in folders such as Inbox, Sent Box, and created subfolders.



Thread List

Sent and received S! Mail/SMS is displayed sorted by recipient. When viewing messages exchanged with Yamamoto-san, messages are displayed as a conversation with Yamamoto-san within a single thread.



- 1 Thread with mailing contact
- 2 Message text entry field
- 3 Exchanged message content
- 4 Send S! Mail/SMS

Sending S! Mail/SMS

About Drafts

When is Tapped while creating S! Mail or SMS, confirmation appears asking whether to save the message as a draft. Follow onscreen prompts.

Drafts are saved to Draft Box in folder list, and are indicated as in thread list. Open an S! Mail/SMS draft to edit and send it.

Sending S! Mail







2





· Alternatively, enter phone numbers or email addresses in Recipient field directly.







- Tap (Phonebook), Outgoing History), or Incoming
 History to select recipients from Address Book, Outgoing
 History, or Incoming History.
- Tap Mail Group to select a mail group and set all the members on the list as recipients.

4

Select recipients 🔵 OK



- Tap (Phonebook) / Outgoing History / Incoming History /
 Mail Group) to change recipient lists.
- · After setting recipients, Tap • • to check recipients' phone numbers/email addresses or set them to Cc/Bcc.
- ' To delete a recipient, Tap 1∞ and then \square . Alternatively, Tap 1∞ and then Delete recipient .

5

Tap Subject field

Enter subject



· Tap 🕖 to attach a file. See "Attaching Files" for details.

6

Tap Compose email field

Enter text



7

Send



- S! Mail is sent.
- · If confirmation appears, Tap Send .
- \cdot Failed S! Mail messages are saved as drafts.

Sending SMS

1





2

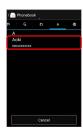




· Alternatively, enter phone number in Recipient field directly.

3

Tap recipient



- Tap Phonebook , Outgoing History , or Incoming
 History to select recipient from Address Book, Outgoing
 History, or Incoming History.
- · After setting recipient, Tap \bigcirc to check recipient's phone number.
- To delete a recipient, Tap ${}^{\bot}$ ∞ and then ${}^{\bigstar}$. Alternatively, Tap ${}^{\bot}$ ∞ and then ${}^{\bigstar}$ Delete recipient ${}^{\bot}$.

4

Tap Compose SMS field 🔵 Enter text





[Send]



- SMS is sent.
- · If confirmation appears, Tap Send .
- \cdot Failed SMS messages are saved as drafts.

Sending Decore Mail by S! Mail

Using a Template

Choose from a variety of designs to decorate mail.





2

[SELECT]



 \cdot If confirmation appears, follow onscreen prompts.



Enter recipients

Enter subject

Enter text

Send



Decore mail is sent.

· If confirmation appears, Tap Send .

Decorating S! Mail





- Message is ready to be decorated.
- · Flick left/right to view other decoration types.

2

Decorate following onscreen instructions

Decorate while entering message text.

Opening & Replying to S! Mail/SMS

Handset receives S! Mail/SMS messages automatically by default. Optionally, retrieve messages manually, and also retrieve all messages stored on the server.

Opening New S! Mail/SMS

When message arrives, new message notice and Notification Indicator appear.







- S! Mail/SMS message window opens.
- \cdot To view new message from Notification Indicator, Drag Status Bar down for Notifications Window, then Tap corresponding notification.
- \cdot For two or more new messages, folder list opens.

Spam Mail

Set spam filtering to save messages from senders not in Address Book to Spam Box. New mail notification does not appear. To check messages saved to Spam Box:

In Home Screen, (Mail) (Spam Box)







· If confirmation appears, follow onscreen prompts.

Retrieving S! Mail/SMS Manually

In Home Screen, 📄 (Mail) 🗦 💍









Mail is received.

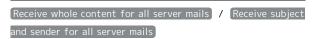
Retrieving Server Mail

1

In Home Screen, (Mail) (Mail) (Handle Server Mail)



2





Server mail is received.

Replying to S! Mail/SMS

1

In S! Mail/SMS message window, 🦶 / 👟



· Alternatively, in message list, Flick the message to the right and Tap \bigstar / \bigstar .

2

Enter text 🗦 Send



- Message is sent.
- · If confirmation appears, Tap Send .

Forwarding S! Mail/SMS

1

In S! Mail/SMS message window,



 \cdot Alternatively, in message list, Flick the message to the right and Tap $~\stackrel{\bullet}{\blacktriangleright}$.

2

Enter recipient(s) → Enter text → Send



- Message is forwarded.
- · If confirmation appears, Tap Send .

Managing S! Mail/SMS

Viewing S! Mail/SMS

In Home Screen, (Mail)



Folder list opens.

2

Tap Inbox/subfolder of Inbox



- S! Mail/SMS list opens.
- · To view sent messages, Tap Sent Box /subfolder of Sent Box to open sent S! Mail/SMS list.
- · To view drafts and unsent messages, Tap Draft Box to open draft/unsent S! Mail/SMS list.

3

Tap message



S! Mail/SMS message window opens.

Widgets

Widgets allow message information to be viewed from Home Screen. Widgets appear in simple (top of Display) and detailed (bottom of Display) views. Check number of unread messages in simple view. Check date/time and preview of messages in addition to number of unread messages in detailed view. Content of latest message appears if all messages are read.



Message Operations

Finding Decore Mail Art on Webpage

In folder list, Download new pictograms

Deleting All Server Mail



Checking Available Storage on Mail Server



Creating Subfolders



Setting Subfolder Sorting Criteria



- To select a sender/domain from Address Book, Tap 1.
- · Sort criteria cannot be set for the Inbox / Sent Box .

Changing Subfolder Names

In folder list, Touch & Hold subfolder 🗦 🔲 🗦 Enter folder name 🔵 Create

- · To enter emoji pictograms, Tap 😃.
- The name of the Inbox / Sent Box cannot be changed.

Changing the Sort Order of Subfolders
In folder list, Touch & Hold subfolder 🗦 🗔 🤿 Up / Down to change sort order 🗦 Done
· The sort order of the Inbox / Sent Box cannot be changed.
Deleting Subfolders
In folder list, Touch & Hold subfolder Delete If the folder contains messages, a prompt appears for whether to move them to the Inbox / Sent Box . The Inbox / Sent Box cannot be deleted.
Searching Messages
In S! Mail/SMS list, Search by Sender / Recipient's Name / Search by Body Text/Subject Enter text to search by Name Tap a message to view
Sorting Messages
In S! Mail/SMS list, Sort Tap sort rule
Designating All Messages as Already Read
In S! Mail/SMS list, Mark all to read Mark all to read
Designating Select Messages as Already Read
 In S! Mail/SMS list, Touch & Hold message
Designating Messages as Unread
In S! Mail/SMS list, Touch & Hold message 🧿 🔀
 To select several messages, Touch & Hold first message, then Tap ☐ () for other messages.
Displaying the Previous/Next Message
In S! Mail/SMS message window, Flick left/right.
Protecting Messages
In S! Mail/SMS message window,
Saving Attachments
In S! Mail/SMS message window,

Deleting Messages in S! Mail/SMS List
In S! Mail/SMS list, Touch & Hold message → 🛅 → Delete
· Alternatively, Flick the message to the left, then Tap and Delete
 To select several messages, Touch & Hold first message, then Tap ☐ () for other messages.
Deleting Message in S! Mail/SMS Message Window
In S! Mail/SMS message window, 🛗 🔿 Delete
Moving Messages in S! Mail/SMS List
In S! Mail/SMS list, Touch & Hold message → ☐ → Tap folder to move to
 To select several messages, Touch & Hold first message, then Tap ☐ () for other messages.
Moving Message in S! Mail/SMS Message Window
In S! Mail/SMS message window, Move to Subfolder Tap folder to move to
Reporting Spam in S! Mail/SMS List
In S! Mail/SMS list, Touch & Hold message → ♥ ♥ Yes · Only one message can be selected.
Reporting Spam in S! Mail/SMS Message Window
In S! Mail/SMS message window, Declare Spam (Yes
Listing Addresses of Sender/Recipients in S! Mail/SMS List
In S! Mail/SMS list, Touch & Hold message Only one message can be selected.
Listing Addresses of Sender/Recipients in S! Mail/SMS Message Window
In S! Mail/SMS message window, 12

Folder List

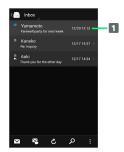


Number of unread messages
 Subfolder
 Number of draft/unsent messages
 Number of spam messages

Indicator Description

Send failure.

S! Mail/SMS List



1 Sender/subject/date & time sent, received, saved, etc.

Indicator	Description
\mathscr{O}	Attachment
4	Replied
•	Forwarded
1	Sent
O	Delivery Report
0	High Priority
0	Low Priority
A	Protected
1	Sending
•••	Delayed Sending
©	Scheduled Sending
×	Send Failure
B	Scheduled Auto Resend
Ø	Draft

S! Mail/SMS Message Window



- 1 Sender/recipients/subject/date & time sent, received, saved, etc.
- 2 Message text

Icon	Description
22	Sender/recipients list. Tap for list of addresses included in sender/recipient fields.
©	Delivery report. Tap for report. Appears for sent messages.
	Attachment. Tap to save attachment.

Backing Up S! Mail/SMS Data

Back up message data on handset to SD Card or other media.

- · Back up message data, subfolders, and sort criteria saved on handset. Data for all messages must be backed up together at the same time.
- \cdot Data is backed up to the user memory.



In Home Screen, 📄 (Mail) 🧇 🔯







2

Common Settings



3

Mail Save&Load



Backup/Restore



5

Backup(S!Mail Specific) → OK







6

















Backup starts.















Backup is complete.

Restoring S! Mail/SMS Data

Restore message data backed up to SD Card or other media to handset.

 \cdot Data is restored from the user memory.







2

Common Settings



3

[Mail Save&Load]



4

Backup/Restore



5













Tap files to restore → OK



Restore starts.













Restore is complete.

Moving S! Mail/SMS Data (Export)

Export message data on handset in vMessage format to SD Card or other media. vMessage format is compatible with other smartphones and SoftBank mobile phones (3G).

- · Export either received message data, sent message data, drafts, or unsent message data saved on handset all together. Data for all messages must be saved together at the same time.
- \cdot Data is exported to the user memory.
- · Install the Anshin Backup app beforehand.



In Home Screen, 📄 (Mail) 🗦 🔯









Common Settings



[Mail Save&Load]



Export/Import



5

[Export(vMessage)] → OK]





· If download confirmation and terms of agreement appear, follow onscreen prompts.



Tap message category 🗦 実行





Export starts.





Export is complete.

Exporting Message Data

Where Message Data is Exported

Exported message data is saved to the locations below in user memory.

- · Received message data: private/MYFOLDER/Mail/Inbox/ Inbox.BCK
- · Sent message data: private/MYFOLDER/Mail/Sent Messages/Sent Messages.BCK
- · Draft/unsent message data: private/MYFOLDER/Mail/ Drafts/Drafts.BCK

Filenames of Exported Data

Filenames of exported data are formatted as the year, month, and date saved to SD Card/user memory. For example, message data saved on March 1st, 2012 is formatted as "12030100.vmg." Several files saved on the same day are formatted starting as "12030101.vmg," with the last two digits increasing sequentially. If handset clock is unset, formatting appears as "XXXXXX.vmg."

Moving S! Mail/SMS Data (Import)

Import message data exported to SD Card or other media in vMessage format to handset.

- \cdot To import data from a previously used mobile phone, etc., first save the data you want to import to SD Card or other media.
- \cdot Data is imported from the user memory.

1





2

[Common Settings]



3

[Mail Save&Load]



4

Export/Import



5





6

Tap message category → OK



7





8

Tap files to import **→** OK



Import starts.

















Importing Message Data

Where Message Data is Imported

Imported message data is loaded to the locations below in user memory.

- · Received message data: private/MYFOLDER/Mail/Inbox/ Inbox.BCK
- · Sent message data: private/MYFOLDER/Mail/Sent Messages/Sent Messages.BCK
- · Draft/unsent message data: private/MYFOLDER/Mail/ Drafts/Drafts.BCK

Importing Message Data with Security Set

This application also imports messages for which privacy settings, such as secret mode, were configured on a previous mobile phone. Imported data can be viewed.

Unimportable Message Data

Message data that was encrypted and backed up on a previous mobile phone cannot be imported with this application.

Operations When Creating S! Mail/ **SMS**

Use these functions when sending, replying to, or forwarding messages.

Switching to S! Mail



While creating SMS,

Switch to S!Mail









Handset switches to S! Mail.

Switching to SMS



While creating S! Mail, Switch to SMS







2



Handset switches to SMS.

Attaching Files

While creating S! Mail, 📝



2

Tap file category \bigcirc Follow onscreen prompts

File is attached.

Specify Date/Time to Send

Create a message to be sent automatically at a specific time.

After entering recipients/subject/message text,



Sending Reservation



2

Specify date to send on → Set



3

Specify time to send at → Set





Message is saved to drafts folder, and automatically sent at the specified time on the specified date.

Entering Emoji Pictograms



While entering subject/message text,





Tap emoji



- Emoji is entered.
- · Tap My PIC while entering message text to select My pictograms.
- · Tap on the My pictogram tab to select My pictograms saved to SD Card/handset memory.

Previewing before Sending

Check how created S! Mail/SMS will be viewed.



While creating S! Mail/SMS,

Preview







Preview opens.

Setting Priority Levels



While creating S! Mail, 📘 🗦 Set priority



2

Tap priority level

OK







Priority level is set.

Requesting Delivery Reports

While creating S! Mail/SMS,

Output

Delivery reports













Requesting of delivery reports is set.

Discarding Message Drafts

Discard a message that is being created without saving it as a



While creating S! Mail/SMS,

Output

Delete











Mail draft is discarded.

S! Mail/SMS Settings

Make settings for S! Mail/SMS.

Common Settings

Settable items are the following.

Item	Description
Message Notice	Enable pop-up notification for new messages.
Sound/ Vibration	Set ringtone, vibration, new mail lamp, etc. for new messages.
Thread Mode	Enable conversation thread view for messages.
Color Style Setting	Set the screen design.
Font Size options	Set the font size.
Double enlarge image	Show small images at double-size.
My Pictogram Setting	Change the display order of or delete My pictograms.
Decore Picture Setting	Change the display order of or delete decore pictures.
Mail Save&Load	Back up/restore message data or export/ import message data in vMessage format. vMessage format is compatible with other smartphones and SoftBank mobile phones (3G).
Spam mail folder	Enable sorting of messages from senders not in Address Book to Spam Box.
Initialization	Return message settings to defaults.
Advanced Settings	Enable old messages to be automatically deleted and set number of messages that can be saved. Check used space on SD Card and handset.



In Home Screen, 📄 (Mail) 🔷 🔯













Setting is complete.

Send/Receive Settings

Settable items are the following.

Item	Description
Receive Settings	Make S! Mail/SMS receive settings. Set what portions of S! Mail to first retrieve, whether to automatically retrieve S! Mail during roaming, and whether to automatically check new messages when activating S! Mail.
Send Settings	Make S! Mail/SMS send settings. Set whether to quote a message when replying, whether to request delivery reports for sent messages, and whether to show confirmations.
Wi-Fi Connection	Make S! Mail settings for Wi-Fi connections.
SMS Send/ Receive Settings	Set the application used for sending/ receiving SMS.
Display Progress	Set whether to send and receive messages in the background.



In Home Screen, 📄 (Mail) 🗦 🔯







2

Send/Receive Settings 🔵 Set each item





Setting is complete.

Mail Group Settings

1





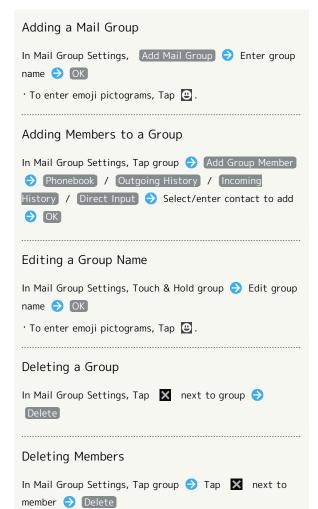
2

Mail Group Settings



Mail Group Settings open.

Mail Group Setting Operations



Number/Address Settings

Settable and viewable items are the following.

Item	Description
Phone Number	View phone number.
Mail Address	View mail address.
Change Mail Address	Navigate to My SoftBank to change mail address, etc.

1

In Home Screen, 📄 (Mail) 🗦 🎑



2

Number/Address Settings Set each item



Settings are applied.

Creating/Sending Gmail

Use Google's mail service. Log in to your Google account beforehand.

Gmail Cautions

Gmail is handled as email from a PC. Restricting email from PCs on handset prevents handset from receiving Gmail.

Creating/Sending Mail







Inbox opens.







Mail composition window opens.

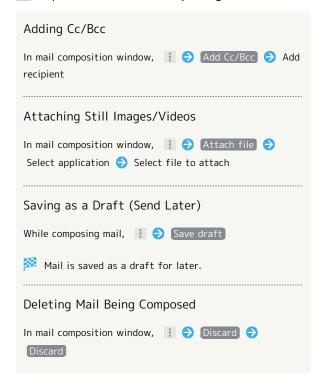


Enter recipient/subject/mail text 🗦 🕨



Mail is sent.

Operations when Composing Gmail



Checking Received Gmail

Gmail groups sent and received mail by subject (Conversation View).

Opening New Gmail

When new Gmail arrives, **M** appears in Status Bar.

1

Drag Status Bar down



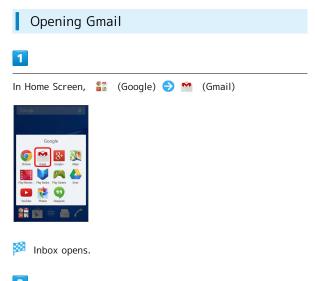
2

Tap new Gmail



The new received Gmail opens.

 \cdot For two or more new Gmail messages, Inbox opens.





Tap target thread



The received mail message opens.

Operations when Opening Gmail



Managing Saved Gmail

Using Labels

Gmail saves all mail in one box. Adding labels to each thread sorts threads by label. For example, when a new thread starts with a received mail, the label "Inbox" is automatically added to the thread. By then adding the label "travel," all threads with "travel" are shown in a list.







Inbox opens.

2

Touch & Hold target thread



· Several threads are also selectable.







4

Select a label (✓) 🔵 OK



Label is added.

Switching Labels



Archiving Threads

Remove sent and received Gmail (threads) so they do not appear in Inbox. When replies arrive for archived threads, they appear in Inbox again.







Inbox opens.



Touch & Hold target thread 🗦 🔽



- Thread is archived.
- · Several threads are also selectable.
- · Alternatively, Flick target thread left or right to archive.
- · Tap UNDO to undo archive.

Muting Threads

If registered on a mailing list, there will be threads with always-continuing conversations. For long threads that are not important, mute the threads and they will no longer appear in Inbox. When mail arrives that includes user's address as a recipient or in Cc, mail will again appear in Inbox.







Inbox opens.



Touch & Hold target thread



· Several threads are also selectable.







Thread is hidden.

· Tap UNDO to undo mute.

Deleting Threads







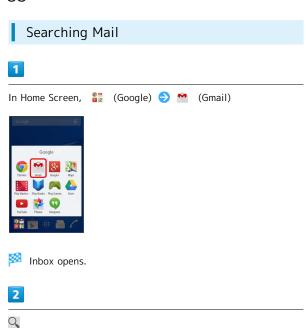
Inbox opens.



Touch & Hold target thread 🔵 🝵



- Market Thread is deleted.
- · Several threads are also selectable.
- · Tap UNDO to undo deletion.



3





Primary

AAAA AAA gynal. 1950

Thesis you so much for taking the time L. 1/2

Kondou Taro
RE:Inquiry — If s been a long time, I
if? I'm writing to answer the inquiry

Mondou Taro
Farewell party — Hellof This is to let you know the time and place of the farewell.

Search results appear.

Reporting Spam



In Home Screen, 🔐 (Google) 🔿 🧖 (Gmail)



Inbox opens.



Touch & Hold target thread



· Several threads are also selectable.







The thread is reported as spam/phishing.

Switching Google Accounts

1

In Home Screen, 🚆 (Google) 😌 🤷 (Gmail)



Inbox opens.

2

[Primary]



3

Tap account to switch to

Account switches.

Using Email

Setting an Account

Check username (user ID), password, server name, etc. beforehand for the email account.



In Home Screen, ⊕ → ≥ (Email)



A window for adding an account appears the first time only.



Follow onscreen instructions to set account

Email is set.

Adding an Account

1



Email list opens.

2

⋮ → Settings



3





Follow onscreen instructions

4

An email account is added.

Creating/Sending Email

1



Email list opens.

2





Mail composition window opens.

3

Enter recipients/subject/mail text → Send



Mail is sent.

Opening New Email

When new email arrives, 🗷 appears in Status Bar.



Drag Status Bar down



2

Tap new email



The new received email message opens.

 \cdot For two or more new email messages, email list opens.

Opening Email







Email list opens.

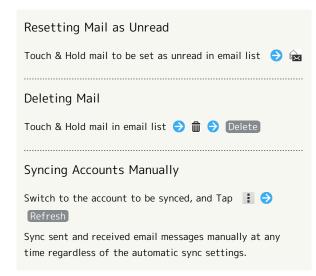


Tap target mail



Email message opens.

• Operations when Opening Email



Deleting an Account

In Home Screen, ⊕ ⇒ × (Email)



Email list opens.

2

⋮ → Settings



3

Tap the account(s) to delete → Delete account → OK .



The account is deleted.

Browser

Search for information on the Internet using Browser.

SSL/TLS

SSL (Secure Sockets Layer) and TLS (Transport Layer Security) are protocols for encrypting sent/received data. While in a screen connected by SSL/TLS, data is encrypted to safely send/receive private information, credit card numbers, corporate secrets, etc., and provide protection against online threats (eavesdropping, falsification, impersonation, etc.).

SSL/TLS Cautions

When opening a secured page, users must decide as their responsibility whether or not to open the page with use of SSL/TLS. SoftBank Mobile Corp. and the Certification Authorities Symantec Website Security G.K. and Cybertrust Japan Co., Ltd. make no guarantees whatsoever to users regarding security of SSL/TLS.

Using Browser

In Home Screen, 🌐 🕣 🚱 (Browser)







- Browser opens.
- · Tap URL in text message (SMS) or mail to automatically activate Browser.

Web page Operations

My SoftBank Sign-in

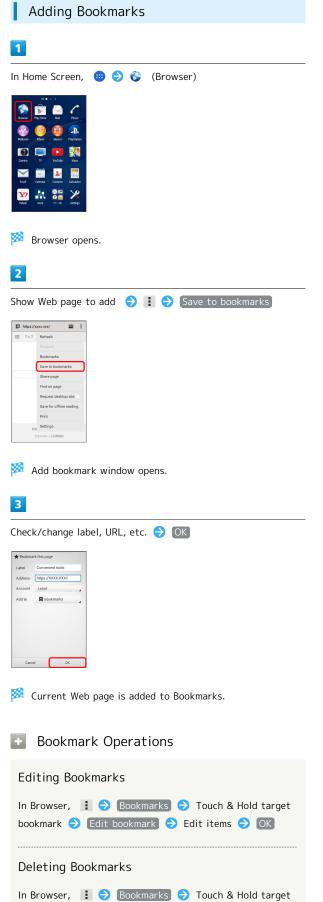
In My SoftBank, check your charges or points, change subscriptions or mail address, or set spam countermeasure.

Follow onscreen instructions

Saving Web Pages

Show Web page to save 🗦 🗦 Save for offline reading)





bookmark

Delete bookmark

OK



Showing Browsed History



In Home Screen, \cdots 🗦 😵 (Browser)



Browser opens.

2

⋮ → Bookmarks



Browser opens.

(History)



Tap item such as "Today"
Tap target history

Bookmarks open.

Opening New Tabs

Open several tabs to switch between Web pages easily. Open up to 16 tabs.



In Home Screen, 🌐 🔵 🚱 (Browser)









Browser opens.







Tab list opens.

· If 📑 does not appear, Drag Web page down.







New tab appears.

 \cdot To switch tabs, Tap target tab in tab list.

Setting Browser

Make various settings for Browser.

1

In Home Screen, 🌐 🔵 🚱 (Browser)







Browser opens.

2











Setting is complete.

Using the Browser (Chrome)

Use the browser simply by entering search words and URLs.

Using Chrome



In Home Screen, 👸 (Google) 🔵 🧔 (Chrome)









Chrome opens.

 \cdot If confirmation appears, follow onscreen instructions.



Tap entry box at top \bigcirc Enter search words or URL \bigcirc



Search results appear or a Web page opens.

Checking Usage Instructions

In Chrome, Check guide

Camera

Capturing Still Images/Videos9
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Capturing Still Images/Videos

Capturing Still Images/Videos

File Format for Still Images

File format for still images is JPEG.

File Format for Videos

Camera supports MPEG4 format.

Camera Cautions

If Lens Becomes Dirty

Fingerprints/smudges on lens prevent capturing of clear still images/videos. Wipe lens with a soft cloth beforehand.

Avoiding Exposure to Direct Sunlight

Be careful not to expose lens to direct sunlight for long periods. May discolor color filter and affect color of

Cautions on Capturing Still Images/ Videos

Copyright and Portrait Rights

Still images and videos captured by handset are prohibited by copyright law from use without consent of the copyright holders, unless intended for personal use or any other purpose permitted by law. Also, use or alteration of another person's portrait or name without his or her permission may be a violation of portrait rights. When you post recorded still images and videos on Internet Web pages, etc., make sure to observe copyrights and portrait rights. Note that some performances, shows, and exhibitions may place limitations on recording even for personal use. Transmission of images protected by copyright or beyond the scope provided in copyright law is not possible.

Capturing or Sending Images

Be considerate of the privacy of individuals around you when taking and sending photos using Camera. Causing a public nuisance by using handset may be punishable under law.

Camera Cautions

All captured still images are saved to handset memory or SD Card. Insert SD Card before using Camera.

If handset temperature rises, Camera may not activate or may stop operation.

Shutter sound or capturing start/stop sound may be faint if commercially available earphone set or Bluetooth® device is connected to handset.

Capturing at high resolution requires significant memory. If Auto Focus frame is not shown on Viewfinder, Auto Focus is unavailable.

At a high ISO setting, images will be bright even in lowlight conditions and have no camera shake, but will be grainy (noise).

At a low ISO setting, images will be clear (no noise), but will also be dark when captured in low-light conditions and may be blurry with camera shake.

Do not cover Mic when capturing videos.

Capture videos with adequate battery charge.

Mobile Light Warning

Do not shine Mobile Light close to eyes. Do not look directly at Mobile Light when lit. Do not shine Mobile Light at other people's eyes. May affect eyesight, etc.

Capturing Still Images

Captured still images are saved to handset (memory).

· When SD Card is inserted, saving destination can be changed to SD Card.







🔀 Viewfinder appears.

- · If confirmation appears, follow onscreen instructions.
- · Alternatively, Tap 😁 and Tap 🐚 (Camera) to activate Camera.



Aim Camera at subject 🔵 💿





Shutter clicks and still image is saved.



Capturing Operations (Still Images)

Using Zoom

Press Volume Key.

- · Pinch/Spread fingers on Viewfinder to zoom in/out.
- \cdot Volume Key operations vary by setting of Use Volume key as. At time of purchase, "Zoom" is set.

Capturing with Camera Key

- (Long Press) → Aim Camera at subject →
- To capture using Auto Focus, Press halfway until Auto Focus frame changes to blue and shutter tone sounds, then Press down all the way.

Capturing with "Touch capture"

Use Touch capture when Capturing mode is set to "Superior auto," "Manual," "Sound Photo," Timeshift burst" or "Sweep Panorama." Turn on "Touch capture" before capturing.

(Long Press) Tap indicator to select Capturing mode Tap Tap " Tap " tab Tap or Drag right on "Touch capture" Tap Viewfinder

Viewing Thumbnails

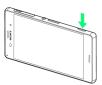
Tap thumbnail image at upper right on Viewfinder

Captured still image opens.

Capturing Videos







- Viewfinder appears.
- \cdot If confirmation appears, follow onscreen instructions.
- · Alternatively, Tap 🐽 and Tap 🐚 (Camera) to activate Camera.



Aim Camera at subject 🗦 💿



- Video recording starts.
- ¹ To pause, Tap or to resume, Tap ●.



To stop recording,



- Video recording stops and video is saved.
- Capturing Operations (Videos)

Using Zoom

Press Volume Key.

- \cdot Pinch/Spread fingers on Viewfinder to zoom in/out.
- \cdot Volume Key operations vary by setting of Use Volume key as. At time of purchase, "Zoom" is set.

Capturing Still Image While Recording Video

While recording video,



Capturing with Camera Key

Use Camera Key when Capturing mode is set to "Manual," "4K video," "Timeshift video," "Live on YouTube" or "Social live by Bambuser."

(Long Press) > Tap icon to select Capturing mode

When "Manual" is set, Tap to show Viewfinder

Press to start/stop capturing

Capturing with "Touch capture"

Use Camera Key when Capturing mode is set to "Manual," "4K video" or "Timeshift video." Turn on "Touch capture" before capturing.

(Long Press) 🔵 Tap indicator to select Capturing

mode
When "Manual" is set, Tap to show

Viewfinder ♦ 🚼 ♦ Tap " 🔀 " tab ♦ Tap or

Drag right of "Touch capture" > Tap

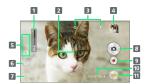
Viewfinder to start/stop capturing

Viewing Thumbnails

Tap thumbnail image at upper right on Viewfinder

Captured video opens.

Photo/Video Viewfinder Layout



- 1 Zoom indicator
- 2 Auto Focus frame
- 3 Status Indicators area: Self-timer, Geotagging or other set item are shown.
- 4 Thumbnail: Tap to view captured still image or open video playback window.
- 5 Setting Indicators area
- 6 Camera Switch: Switch between Camera and Front
- 7 Option Menu: Make Camera settings.
- 8 Shutter Icon (Still image)/Pause Icon (Video)
- 9 Start/Stop Recording Icon (Video)
- 10 Scene Indicator: Recognized Scene mode when "Superior auto" is set. Other indicator appears when Camera is moving or fixed, or subject is moving.
- 11 Capturing mode Icon: Set Capturing mode.

Viewing Captured Still Images/ Videos (Album)

Showing Still Images/Videos

Show captured or downloaded still images/videos. Supported file formats are as follow.

Type	File Format
Still image	JPEG (.jpeg, .jpg), GIF (.gif), PNG (.png), BMP (.bmp), WEBP (.webp)
Video	H263 (.3gp, .3gpp, .mp4, .m4v), H264 (.3gp, .3gpp, .mp4, .m4v, .mnv), MPEG2 (.ts), MPEG4 (.3gp, .3gpp, .mp4, .m4v), VP8 (.webm, .mkv), VP9 (.webm), Xvid (.avi, .xvid, .mkv)



In Home Screen, 🌐 🗦 🗐 (Album)









- Images are shown in chronological order.
- \cdot When using for the first time, select category to show from category list.



Tap still image/video



- Image playback appears.
- · Tap window to show captured date & time or option menu icons.
- \cdot For Burst with longpress files, Tap the still image.
- · For Sound Photo files, the sound is played back.
- · For Timeshift video files containing slow motion,
- · For video, Tap and follow onscreen prompts.
- · To select other files, Tap 🔁 to return to list, then select file again or Flick playback window left or right.

Operations when Viewing Still Images/ Videos

Zooming In or Out Still Image

Tap Display twice or pinch to check a still image

Playing Burst with longpress Files in Slideshow

In still image playback,

Viewing Timeshift burst Files

View all saved still images.

In still image playback, 😃

Editing Captured Still Images (Album)

Rotating Still Images



In Home Screen, \cdots 🗦 🧔 (Album)









🔀 Still image/video list opens.

Tap still image



Still image playback appears.

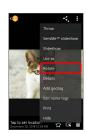
3

In still image playback, Tap a screen
→
Rotate









Still image is rotated and overwritten.

Trimming Still Images

Operation using Photo editor application is explained here.



In Home Screen, 🐽 🗦 👨 (Album)







Still image/video list opens.

2

Tap still image



Still image playback appears.

3

Tap the window → □ → □ → Crop











Cropping window opens.

 \cdot If application selection appears, select "Photo editor."

4

Adjust cropping frame by Dragging

Apply Crop







5

SAVE

Cropped still image is saved as a separate file.

Sharing Still Images and Videos

Album lets you send still images and videos using email or multimedia messages. You can also send them to a PC or another phone using Bluetooth®.

Sending Still Images or Videos by Email

Send still images/videos as email attachments.



In Home Screen, 🌐 🗦 👨 (Album)









Still image/video list opens.

2

Tap still image/video to share



- Image playback appears.
- \cdot To select multiple items, Touch & Hold an image to turn on multiple select. Then, Tap all the items you want to include.



Tap the window \Rightarrow \Leftrightarrow Mail / Gmail / Email













- Follow onscreen instructions.
- \cdot If you have multiple email accounts, the default email account will be used.

Sending Still Images or Videos Using Bluetooth®

You can select several still images, videos, or both and send them to someone's phone or your computer using Bluetooth $^{\footnotesize @}.$

In Home Screen, 😛 🗦 📵 (Album)









🔀 Still image/video list opens.

2

Tap still image/video to share



Image playback appears.









Follow onscreen instructions.

Making Camera Settings

Switch Camera mode or set Camera operations according to vour purpose.

Switching Capturing Mode

Switch Capturing mode according to your purpose. Settable modes are the following.

· In Capturing mode selection, Tap + Apps / Downloadable tab to download and add Camera application to Capturing

mode selection. Capturing Description mode Capture still images or videos with automatically optimized settings. Camera detects conditions such as moving ($\dot{\chi}$) or fixed ($\dot{\mathbb{R}}$), or moving subject Superior (in and determines most suitable scene. auto Indicator appears for recognized scene: "Soft snap," "Landscape," "Backlight," "Backlight portrait," "Night scene," "Document," "Macro," "Low light," "Infant" and "Spotlight." Change Camera settings for still images or Manual video capturing manually. Sound Record conversation or sound with still Photo images.

Capture with virtual objects to make still AR fun

images or videos more fun.

Multi Connect friend's camera to capture multiviewed still images or videos. camera

Use Camera and Front Camera to capture Pace in still images or videos that include picture yourself.

4K video Capture high resolution 4K videos.

Timeshift

Background

Info-eye™

Timeshift

burst

defocus

video

Select best moment from video captured at 120fps to show in slow-motion.

Live on Broadcast video as it is captured live on YouTube YouTube.

> Defocus background as if using a digital single-lens reflex camera.

Capture still images or videos against AR effect a virtual world such as the age of the dinosaurs or under the sea.

Add various effects to capture impressive Creative effect still images or videos.

> Obtain object information for captured still images.

Choose best moment from series of 61 photo thumbnails captured during 1 second before and after the shutter release. The image is used as the cover in Album application. All images are saved.

Social live by Bambuser

Sweep

Panorama

Share your experience with your friends on Facebook in real time.

Move Camera to capture a panorama photo.

Move Camera keeping the arrow aligned on the center line of the white frame on Viewfinder to capture.

(Long Press)



- Viewfinder appears.
- · If confirmation appears, follow onscreen instructions.
- · Alternatively, Tap 👜 and Tap 🐚 (Camera) to activate Camera.

2

Tap the indicator \bigcirc Select a Capturing mode



- Capturing mode switches.
- · If confirmation appears, follow onscreen instructions.

Using Capture Mode

Multi Camera

Up to three Xperia™ devices including yours are connectable in "Multi camera." If you connect a Sony Wi-Fi/NFC compatible camera, your Xperia™ and only one Sony camera can be connected. Connecting other devices or capturing while connected may not be available.

4K Video/Timeshift Video

Use SD Card for high-speed writing (Speed Class 10) to save photos using "4K video" or "Timeshift video."

Cautions on Capturing

Multi Camera

Connecting other devices in "Multi camera" turns off other Wi-Fi Direct connections.

Sweep Panorama

Capture in landscape view using "Sweep Panorama." Moving objects or background are not suitable for Sweep Panorama capturing.

Uncaptured portions are recorded in gray. In this case, move Camera quickly to capture full shooting range for a Sweep Panorama photo.

This function joins multiple images, and the locations where images are joined may not be smoothly recorded. In a dim place, image may be blurred or capturing may fail. Under flickering light such as fluorescent lighting, brightness and color may be uneven.

Avoid extreme differences in brightness, color or focus position between the whole image and each focused image so as to capture a good Sweep Panorama photo.

Camera movement that is too quick or too slow, or moving the camera in reverse to the direction of sweeping may stop Sweep Panorama capture.

Setting Camera Functioning

Main setting items are as follows.

- · Setting items vary by Capturing mode.
- \cdot Some settings cannot be made with other items at the same time.

time.	
Item	Description
Aspect ratio (Still image only)	When "Superior auto" is set, aspect ratio of still images is set to "16:9" or "4:3".
Resolution (Still image only)	Set still image resolution.
Video resolution (Video only)	Set video resolution.
Self-timer	Camera shutter clicks when set timer elapses. Use Self-timer to avoid camera shake when capturing still images.
Smile Shutter/ Smile Shutter (video)	Set smile level for camera detection.
Focus mode	Set focus type. Single autofocus Multi autofocus: When Tapping or Viewfinder, or Pressing to focus on subject, auto focus frame changes from white to blue. Face detection: Detect faces to focus on. Touch focus (Still image only): Move auto focus frame to position where Tapped on Viewfinder. Object tracking: Track subject to focus on.
HDR/HDR video	Use high dynamic range feature to capture still images with a natural impression even in a place with lighting contrasts such as backlight.
ISO (Still image only)	Set ISO.
Metering	Meter to determine exposure balance automatically. Face: Detect faces to measure and adjust exposure of images. Multi: Divide an image into several smaller ones to measure and balance to adjust exposure. Center: Set to center of Viewfinder to measure whole image to adjust exposure. Spot: Measure at only one spot in the center of Viewfinder to adjust exposure.
lmage stabilizer/ SteadyShot™	Set to camera shake reduction. For capturing videos, "Intelligent active" is available; it reduces camera shake when zooming or while walking.
Soft skin effect (Front	Set skin tone effect.

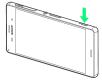
camera only)

106

Preview	Set preview time after capturing.
Burst with longpress (Still image only)	Set continuous capturing while Touching & Holding or Long Pressing for over a second. Set when Capturing mode is "Superior auto" or using Front camera in "Manual." Select "High speed" or "Standard" according to subject movement when Capturing mode is "Superior auto" and using main camera.
Face registration (Still image only)	Set to show name and put focus priority on face tagged in "Album" application.
Microphone (Video only)	Set to record surrounding sound when capturing video.
Quick launch	Set operation when using Quick launch.
Geotagging	Set geotagging for detail location information included in still images or videos.
Touch capture	Set to capture by touching.
Use Volume key as	Assign function to Volume Key.
Data storage	Set saving destination for captured still images/videos.
Touch Block	Set to avoid response when Viewfinder is touched.

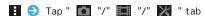






- Viewfinder appears.
- \cdot If confirmation appears, follow onscreen instructions.
- · Alternatively, Tap 😛 and Tap 🐚 (Camera) to activate Camera.







Settings open.

3

Tap setting item \bigcirc Set items

Settings are applied.

Operations on Using Camera

Setting Scene Selection

In Viewfinder, SCN 🔵 Select a scene.

· Set when Capturing mode is "Manual."

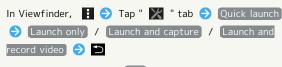
Adjusting Brightness/White Balance

Setting Flash

In Viewfinder, 😽 🔵 Set Flash

Using Quick Launch

Long Press or in Lock Screen, Touch & Hold then Drag to to set operation when launching Camera (Quick launch).



- ' To cancel setting, Tap Off .
- When Quick launch is set, Capturing mode is "Superior auto."

Capturing Using Face Detection

Camera focuses on face even out of center in Viewfinder.

In Viewfinder, Tap Capturing mode icon (a) Manual (b)

Tap " (a) "/" tab (b) Focus mode (c)

Face detection (c) (c) Aim Camera at subject (c)

Tap as Auto-focus frame or enable Camera to detect face to focus on (c) Capture a still image/video

 \cdot When Capturing mode is set to "Superior auto," Camera detects face automatically.

Capturing Using Smile Shutter

Capture a smiling face.



Scanning Barcodes

Scan and use barcodes (QR codes and JAN codes).

Scanning Barcodes



In Camera Viewfinder, Tap Capturing mode icon 🗦 🕕 (Infoeye™)



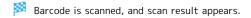


 \cdot If confirmation appears, follow onscreen instructions.



Tap Viewfinder

Follow onscreen instructions



Scanning Text

Scan text (Japanese/alphanumerics).

Scanning Text



In Camera Viewfinder, Tap Capturing mode icon 🗦 🕕 (Infoeye™)

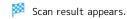


· If confirmation appears, follow onscreen prompts.



Tap Viewfinder

Follow onscreen instructions



- ' To copy to clipboard, Tap to copy to clipboard.
- \cdot Search information from the shown text.

Full Seg/One Seg

Viewing TV (Full Seg/One Seg)	1110
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Viewing TV (Full Seg/One Seg)

Both Full Seg and One Seg are available (only in Japan).

? Hints

- Q. Cannot launch TV
- A. Battery may be low. Handset needs to be charged.
- Q. Cannot view TV
- A. Check signal reception. Move where signal is good.
- Q. Cannot obtain the desired result of channel setting
- A. Update broadcasting area. Channel setting may not be set correctly depending on area, beginning period of broadcasting, etc.

TV Cautions

Use Overseas

TV is unavailable due to different broadcast frequencies and formats abroad.

Channel Setting

Channel setting with Change area may not be available when the broadcasting frequency is changed or in some areas. In this case, set channel list again.

Viewing Environment

TV may be unavailable due to different signal reception depending on environment. Use where signal is good.

Do Not Use TV while Walking or Driving

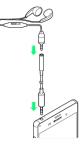
Do not use TV while riding a bicycle or motorcycle, walking or driving a car.

TV Antenna Cable

Before watching TV, be sure to connect TV Antenna Cable.



Connect commercially available headphones plug to TV Antenna Cable Oconnect TV Antenna Cable plug to Headphone Port



Connect only TV Antenna Cable to handset to output TV sound from Speaker.

Setting Channels (Using for First Time)

1

In Home Screen, 🌐 🗦 🔳 (TV



- Select area(Area) opens.
- \cdot If confirmation appears, follow onscreen instructions.

2

Tap Area → Tap Prefecture → Tap Locality



When channel scan is complete, broadcasting area is set and channel list appears.

3

OK)



- Channels setting is complete and TV is activated.
- \cdot If confirmation appears, follow onscreen instructions.

Viewing TV

1

In Home Screen, \cdots 🗦 🔳 (TV)



- TV screen appears.
- \cdot If confirmation appears, follow onscreen instructions.

2

Flick screen left/right and select channel



Selected TV screen appears.

TV Screen Layout

· Tap image on TV screen to show/hide indicators.





- 1 Present broadcast service (Full Seg/One Seg)
- 2 Switch Full Seg/One Seg
- 3 Full Seg data broadcasting
- 4 Remote
- 5 Option menu
- 6 Reception level
- 7 Channel/broadcast stations name/program information
- 8 Record program
- 9 Channel selector
- 10 Remote for data broadcasting
- 11 Channel list
- 12 Detailed information on program

+ TV operation

Switching Full Seg/One Seg In TV screen, Tap item Operating Data Broadcasting In TV screen, (Data) (Remote) Follow onscreen prompts Scanning Channels In TV screen, Touch & Hold or

Saving Channel to Channel List In TV screen, Touch & Hold image Touch & Hold channel to save YES To overwrite, Tap Overwrite registered channel. Ending TV In TV screen, Checking Program Information Currently Viewed In TV screen, Program Program information In program info screen, Tap program name to check program detail information. In program detail info screen, Tap for scheduled recording/viewing. For details on scheduling recording/viewing, see "Scheduling Recording/Viewing."

Using TV Link

In TV screen, ■ → TV link → Follow onscreen prompts

· Methods of saving TV link differ depending on program.

Adding Broadcasting Area

• For details on broadcasting area, see "Setting Channels (Using for First Time)."

Switching Broadcasting Area

Updating Channel

In TV screen, Change area Touch & Hold broadcasting area Update channel Update all

/ Update addition

· If you Tap Update all , Tap YES in confirmation

screen.

Renaming Area

Deleting Broadcasting Area

Deleting a Channel In TV screen, Touch & Hold image 🔵 Touch & Hold channel Delete channel YES Making Subtitles/Sound Settings In TV screen, Subtitle/Sound/Video setting Follow onscreen prompts Making TV Settings Set Superimpose setting, Data Broadcasting, Auto Exit Timer, etc. In TV screen, 📳 🗦 Settings 🗦 Follow onscreen prompts

Recording/Playing Back Programs

Record programs on SD Card and play them back later. Only One Seg recording is supported.

Record/Playback Cautions

Recording

Note the following when recording.

- · Recorded videos are saved on SD Card. Recording is not available if SD Card is not installed.
- \cdot Record where signal is good. Programs may not be recorded where signal is not stable.
- · Maximum savable recorded data file size is 2GB, and maximum recordable time is approximately 24 consecutive hours. Up to 99 items can be saved.
- · When SD Card is used from another application while recording, recording may fail.

Restriction on Recorded Programs

Programs recorded on handset cannot be played back on other devices.

Recording Programs

In Home Screen,

(TV)









TV screen appears.

· If confirmation appears, follow onscreen instructions.

2

On channel to record, (Record)





Recording starts.

- · If confirmation appears, follow onscreen instructions.
- · To stop recording, Tap (Stop).

Playing Back Recorded Programs



In Home Screen, 🌐 🔵 🔳 (TV)









- TV screen appears.
- · If confirmation appears, follow onscreen instructions.







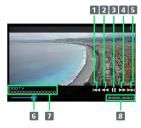
- 🟁 Recorded program list appears.

Tap file

Playback starts.

Playback Screen Layout

· To show playback controller, Tap image while a recorded program is playing.



- 1 Skip (rewinding 15 seconds)
- 2 Rewind (switch to 2x, 10x, 30x and 120x for every Tap)
- 3 Pause/play
- 4 Fast forward (switch to 2x, 10x, 30x and 120x for every Tap)
- Skip (fast forwarding 30 seconds)
- 6 Playback point (drag to adjust)
- 7 Recorded program name
- 8 Play time/Recording time

Operations during Recording/Playback

Setting Playback pattern

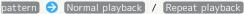
In recorded program list screen, 📘 🗦 Playback











Checking Free Space on SD Card

In recorded program list screen,

Remaining





Deleting Recorded Program

In recorded program list screen, Touch & Hold a recorded



Checking Property

In recorded program list screen, Touch & Hold a recorded file Property

Renaming Title

In recorded program list screen, Touch & Hold a recorded file \Rightarrow Enter title \Rightarrow OK











Recording/Viewing at Preset Times

Scheduling Recording/Viewing

1

In Home Screen, 😁 🔵 🔳 (TV)



- TV screen appears.
- \cdot If confirmation appears, follow onscreen instructions.
- 2





- Reserve recording/viewing list opens.
- 3
- New reservation



4

Viewing reservation / [Recording reservation]



Reservation setting screen opens.



Set items

Save



6



- Reservation is complete.
- Reservation Cautions

Check the signal status, battery charge and storage capacity before recording. Insert SD Card beforehand to record.

Checking Scheduling



In Home Screen,









- TV screen appears.
- · If confirmation appears, follow onscreen instructions.









Reserve recording/viewing list opens.



Tap reservation

Reservation list opens.

Operations in Reserve Recording/ Viewing List

Deleting Recording/Viewing Reservation

Touch & Hold target reservation in reserve recording/ viewing list

Delete

YES

Editing Recording/Viewing Reservation

Touch & Hold target reservation in Reserve recording/ viewing list to edit 🗦 Edit

· For details on scheduling recording/viewing, see "Scheduling Recording/Viewing."

Checking Failed Reservation List

In Reserve recording/viewing list, 🚦 🗦 Failed Reservation List 🔵 Tap Failed Reservation



Useful Functions

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Using Urgent News

View received "Earthquake Early Warning" or "Tsunami Warning" distributed by the Meteorological Agency, and "Disaster and Refuge Information" issued by national or local authorities (receive setting is enabled at time of purchase).

Disabling Urgent News



Urgent News Cautions

Reception

Depending on usage/situation, handset may receive Urgent News for other areas or no Urgent News. SoftBank Mobile Corp. is not responsible for damages caused by using this service, including accidents resulting from received information, reception timing, or reception/reception failure.

Standby Time

While Urgent News is enabled, standby time is shorter.

If Urgent News Arrives

and a message appear in Status Bar. Handset ringtones and are different for quake alerts, tsunami warnings and disaster/ evacuation information.

- · Urgent News is not received during calls or transmissions, or when signal is weak.
- · Alert sounds for arriving Urgent News even if in Silent mode.



Drag Status Bar down to open Notifications Window



Notifications Window opens.

2

Tap the Urgent News notification



Received Urgent News list opens.



Tap the Urgent News

The received Urgent News opens.

Opening Old Urgent News











Received Urgent News list opens.

2

Tap the Urgent News

The Urgent News opens.

Using Google Maps

Features available with Google Maps include maps of current location, routes to destinations, and views of traffic conditions and aerial views.

Viewing Maps of Specified Places















 \cdot If confirmation appears, follow onscreen instructions.

2

"Search"



3

Enter address, city, facility name, etc.

Tap address, city, facility name, etc. in candidates



A map of the specified place opens.

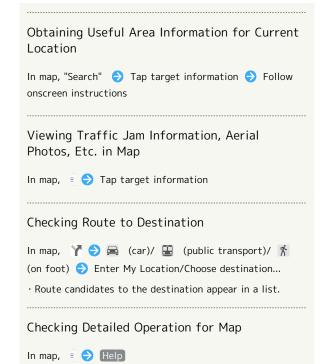
Google Maps Operations

Viewing Current Location

Set Location beforehand.

In map, 💿





Using Hangouts

Hangouts is Google's instant messaging service. Use to communicate with other Hangout users, and also use video calling. Log in to your Google account beforehand.

Using Hangouts











- Hangouts appears.
- \cdot If confirmation appears, follow onscreen instructions.







Enter friend's name, mail address, phone number, circle



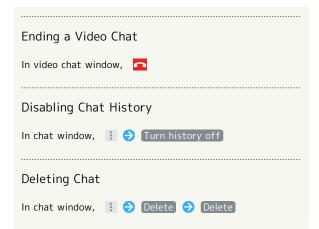
Tap friend Follow onscreen instructions



- Chat window/video chat window opens.
- · Each time text is entered, the corresponding friend appears.
- · If a friend is not in a Hangout, a message appears. Tap Send invite to invite them to the Hangout.
- Hangouts Operations

Ending a Chat

In Hangouts window, Flick the target chat left/right



Using Google Search

Search information saved on handset and in handset applications as well as on the Internet.

Searching



In Home Screen, 🌐 🗦 💈 (Google)







- Search window opens.
- · If confirmation appears, follow onscreen instructions.
- · If a description for Google Now appears, Tap Next and read information. Tap YES, I'M IN. on last page to use Google Now.

2

Enter search keywords 🗦 Tap search result/





- Search results appear.
- · To search by voice, Tap ↓ and speak words to search with into handset.

Google Search Operations

Changing Search Information

Select where to search (▼)

In search window, : • Settings • Phone search











Using Google Now

Google Now automatically searches for information based on search keywords used until now, user's current location, etc. and presents search results in the search screen. Google Now also informs user of scheduled events.

In search window, : Settings OFF on Google Now

YES, I'M IN.









· To use all functions of Google Now, set Location to ON beforehand, and set Google Location Reporting and Location History to ON .

Canceling Google Now

In search window, :

Settings

ON on Google









Now 🔵 Select whether to disable Location History 🧇 Turn off

Searching for Information by Voice (Voice Search)

Search for information on the Internet by voice.

Using Google Voice Search



In Home Screen,

(Voice Search)







Voice search appears.



Speak words to search with into handset



Search results appear.

Using Calculator

Using Calculator

1

In Home Screen, 🐽 🗦 🧮 (Calculator)



Calculator appears.

2

Tap onscreen keys for calculation



🔀 Calculation result appears.

Calculation Result Operations

In Calculator, Touch & Hold calculation result () Cut / Copy / Paste

· "Paste" appears when text is saved.

Using Calendar

Use Calendar to manage a schedule. Sync handset Calendar with Google Calendar online. Log in to a Google account beforehand.

Calendar Operations

Viewing Today's Calendar In Calendar, [20] Changing Calendar View Flick right from the left end of Calendar 🔷 Year / Month / Week / Day / Agenda Viewing Next/Previous Year (Year View) In Calendar, Flick left/right Viewing Next/Previous Month (Month View) In Calendar, Flick left/right Viewing Next/Previous Week (Week View) In Calendar, Flick left/right Viewing Next/Previous Day (Day View) In Calendar, Flick left/right Viewing Next/Previous Time Period (Day/Week View) In Calendar, Flick up/down

Adding Events to Calendar

1

In Home Screen, 🌐 🗦 🛅 (Calendar)



🔀 Calendar appears.

2





Add event window opens.

3

Enter title, start date/time, end date/time, etc.

Done



Event is added.

Checking Events

1

In Home Screen, 🌐 🗦 📆 (Calendar)



Calendar appears.

2

Tap date 🔵 Tap event



- Event details appear.
- · In event details, Tap 🦆 to edit event.
- · In event details, Tap 💼 to delete event.

Syncing Calendar

1

In Home Screen, 🜐 🗦 🛅 (Calendar)



🔀 Calendar appears.

2

Flick right from the left end of Calendar

→ Tap sync item

(
✓)



Sync setting is changed.

Using Alarm & Clock

Set and use alarms, world clock, stopwatch and timer.

Setting Alarms

 \cdot Settable items are the following.

Item name	Description
Time	Set alarm time.
Repeat	Set days to repeat alarm.
Alarm text	Set text that appears during alarm.
Alarm sound	Change sound.
Alarm volume	Set alarm volume.
Snooze	Set interval until alarm restarts after it
duration	has stopped.
Vibrate	Enable vibration during alarm.
Alarm in silent mode	Enable alarm in Silent mode.
Side keys	Set behavior of Volume Key when pressed
behavior	during alarm.
Auto silent time	Set time to automatically shift alarm volume to silent.



In Home Screen, 🌐 🗦 👫 (ツール) 🗦 🛞 (Alarm & clock)











2





🌠 Alarm setting opens.

3

Set items

Done



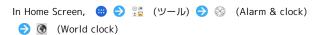
· To disable Alarms, Tap ON (of).

Alarm Operations



Using World Clock

1





World clock appears.

2





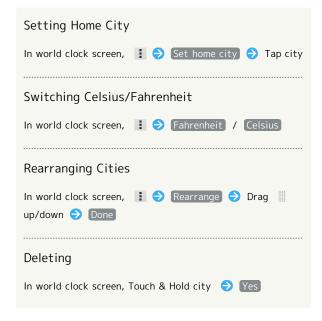
City list opens.

3

Tap city to add.

ity is added to world clock screen.

World Clock Operations



Using Stopwatch

1





Stopwatch appears.

2





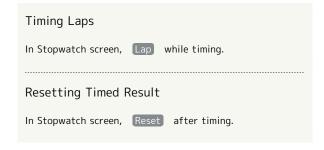
Timing starts.

3

Ston

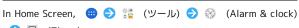
Time opens.

Stopwatch Operations



Using Timer



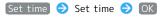






Timer appears.

2





 \cdot Set time history opens in "MOST USED TIMERS" when timer has been already used. Alternatively, Tap history to set time.

3

(Start



Countdown starts.

 \cdot When set time has passed, handset sounds alarm. To stop countdown or alarm, Tap $\mbox{\footnote{Stop}}$.

Using Twitter

Tweet (post messages) and view other people's tweets on Twitter. Login may be required to use Twitter. For details on Twitter, visit the Twitter website (https://twitter.com/).

Tweeting on Twitter







- Twitter appears.
- If using Twitter for the first time, Tap Sign In and sign in, or Tap Create my account and register an account.
- 2



- The tweet is sent and appears on Twitter.
- Twitter Operations



Using Facebook

Exchange recent happenings with friends or browse information about companies, organizations, etc. For details on Facebook, visit the Facebook website (https://ja-jp.facebook.com/).

Sharing Information on Facebook

1

In Home Screen,

(Facebook)



- Facebook appears.
- \cdot Follow the prompts to enter your Facebook account details and complete sign-in.

Using YouTube

View a variety of video contents uploaded to YouTube, and upload videos from handset.

Viewing Videos

1

In Home Screen, 🧱 (Google) 🗦 ▶ (YouTube)



- YouTube appears.
- \cdot If confirmation appears, follow onscreen instructions.



Tap video

- Video plays.
- · Tap Display while a video is playing for play/pause.

Posting a Video

Flick right from the left end of YouTube screen Uploads Select video Enter title etc.

If confirmation appears, follow onscreen instructions.

Set a YouTube account beforehand.

Listening to Music (WALKMAN®)

Playing Music

Play back music, playlists, etc. Supported file formats are as follow.

· WAV (PCM, G.711) (.wav), AAC (.3gp, .m4a, .mp4), AAC+ (.3gp, .m4a, .mp4), eAAC+ (.3gp, .m4a, .mp4), MP3 (.mp3), AMR-NB (.3gp), AMR-WB (.3gp), MIDI (SPMIDI/GM/GML (.mid), XMF (.xmf), Mobile XMF 1.0 (.mxmf), RTTTL/RTX (.rtttl, .rtx), OTA (.ota), iMelody (.imy)), Ogg Vorbis (.ogg), FLAC (.flac), WMA (.wma), ALAC (.m4a), DSD (.dsf, .dff)



In Home Screen, \cdots 🔷 🚱 (Walkman)









- Walkman® appears.
- · Follow onscreen instructions.

Hi-Res Audio

Hi-Res Audio Playback

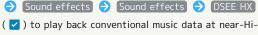
play Hi-Resolution Audio.

Use a headphone compatible with Hi-Resolution Audio. Or in Home Screen, Tap and enable 😁 🗦 Settings 🗦 Sound Audio settings → High-Res Audio via USB (✓) to

Playing Back Conventional Music Data at Near-Hi-Res Audio Quality

In Music playback screen, Tap and enable

Settings



Res Audio Quality. Music data is played back only with a headphone compatible with Hi-Resolution Audio.

Using PC Files

View and edit files created in Microsoft® Office (Word, Excel®, PowerPoint®) and PDFs.

Using OfficeSuite

- · Documents To Go may be unavailable or documents may appear incorrectly depending on the file.
- \cdot To save file with password or attach photo shot with Camera, upgrade to OfficeSuite Premium.











In Home Screen, em ら いール) 🔿 🥞 (OfficeSuite)



OfficeSuite appears.



Flick right from the left end of OfficeSuite screen

Tap saving destination to show file



Tap file

🟁 File appears.

Using NFC/Osaifu-Keitai®

Use handset with internal IC card as money, coupon, or ticket. Transfer data with NFC device, using Android Beam.

NFC/Osaifu-Keitai®

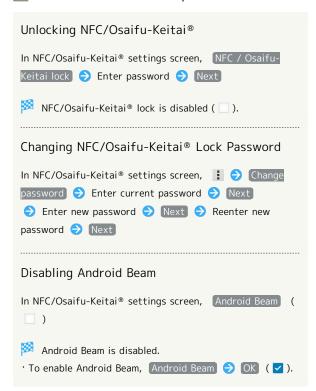
Osaifu-Keitai®

Osaifu-Keitai® is the general term for services such as electronic money, points, etc. with a short range wireless communication method called NFC.

NFC

NFC is an abbreviation for Near Field Communication and is the international standard for short range wireless communication defined by ISO (International Organization for Standardization). You can use contactless IC card functions including FeliCa®, Reader/Writer function (R/W), Peer-to-Peer communications function (P2P), etc.

NFC/Osaifu-Keitai® Operations



Hints

- Q. Cannot use Osaifu-Keitai®
- A. Is battery low? Charge when battery is low.

- Q. Cannot be scanned
- A. Hold handset for a few seconds. If time held over reader/writer is short, it may fail.
- A. Hold handset level with reader/writer. Alternatively, move handset backwards/forwards or to the left/right and bring it close to reader/writer slowly.
- A. Check the N mark side. If there are metal objects nearby, scanning may fail.

NFC/Osaifu-Keitai® Operations

If the data in the IC card is lost, altered or damaged by any means such as malfunction or repairs, SoftBank Mobile Corp. assumes no responsibility for the loss of data in connection with Osaifu-Keitai® compatible services.

Preparing to Use Osaifu-Keitai®

Requires separate subscription to compatible services or initial settings beforehand.

· For details, contact NFC/Osaifu-Keitai®compatible service providers.





In Home Screen, 😁 🗦 🐚 (Osaifu-Keitai)



- Osaifu-Keitai® appears.
- · If confirmation appears, follow onscreen instructions.

Tap service to use 🔵 OK



- My Service screen appears.
- · Follow onscreen instructions.

Preparing to Use NFC



In Home Screen,













2

NFC / Osaifu-Keitai settings



MFC/Osaifu-Keitai® settings open.











🏁 Preparing NFC is complete (🔽).

· Android Beam is also available (🔽).

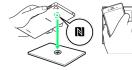
Using This Service

Hold handset over reader/writer (scanner) to scan data in IC card.





Bring the \(\mathbb{N} \) mark close to reader/writer



Scanning is complete.

· Check that scanning is complete by the sound, indication, etc. of reader/writer.

Sending/Receiving Data via Android Beam

Send/receive data to/from a device with NFC.

- \cdot Some applications cannot use Android Beam.
- \cdot Handset cannot communicate with all NFC devices.



While showing data to send on the sender's handset, face the marks on both devices parallel to one another



"Touch to beam" appears on the sender's device.

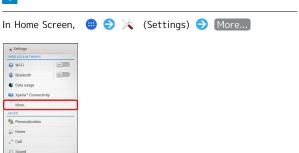


Tap Display to send

Handset beeps and the data sending screen appears.

Prohibiting Use of NFC/Osaifu-Keitai®

1



2

NFC / Osaifu-Keitai settings



NFC/Osaifu-Keitai® settings open.

3

NFC / Osaifu-Keitai lock



NFC/Osaifu-Keitai® lock opens.

4

Enter password
Next



- NFC/Osaifu-Keitai® lock is set.
- \cdot When using for the first time, enter password.

Using Remote Lock via Mail



Connectivity

Connecting to PC via USB	134
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Using DLNA Function.	144

Connecting to PC via USB

Connect handset to a PC via Micro USB Cable and use handset memory and data in SD Card from the PC.

Transferring Data between Handset SD Card and PC

- · Insert SD Card beforehand.
- · Avoid removing Micro USB Cable or SD Card during data
- · Exchange data with a PC by the following methods. Windows Vista/Windows 7/Windows 8/8.1 are supported. Some PCs may not operate properly.

Method Description Media Handset appears as a portable device transfer on the PC screen and enables access to mode (MTP) handset memory and SD Card in handset. Handset appears as a removable disk on Mass storage the PC screen and enables access to SD mode (MSC) Card in handset.

1

In Home Screen, 🌐 🔵 💢 (Settings)







2

[Xperia™ Connectivity] → [USB Connectivity]





USB Connectivity settings open.

3

USB connection mode Media transfer mode (MTP) / Mass storage mode (MSC) 🔷 OK



- · If [Mass storage mode (MSC)] is selected, read onscreen information and Tap OK . When handset is connected to PC with "Mass storage mode (MSC)," accessing SD Card from handset is unavailable. Therefore, functions using the SD Card in applications such as Camera, Album, etc. may not be
- · When Tapping Info , a description for USB connection mode appears. Read onscreen description and Tap OK.



Connect handset and PC with Micro USB Cable



- · If connecting Micro USB Cable for the first time, driver software of handset is installed to PC. Wait for a while until installation is completed.
- \cdot When "Install software" screen appears on handset, Tap Skip or Cancel.

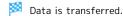


Follow instructions on PC screen





Operate data on PC



Connecting by Wi-Fi

Handset supports Wi-Fi (wireless LAN). Access the Internet via a household Wi-Fi connection environment. For Wi-Fi router (manufactured by FON) users, see "Fonルーター かんた ん設定ガイド (http://mb.softbank.jp/mb/special/network/pdf/ wifi_howto_01.pdf)" for details.

Automatic Updates for Optimizing Wi-Fi Connection

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

Enabling Wi-Fi



In Home Screen, 🌐 🗦 💢 (Settings)



2

Wi-Fi



Wi-Fi settings open.



OFF



- 🯁 Wi-Fi is enabled (🛑 👀).
- · Access points are scanned. Available access points appear after scanning.
- · To disable Wi-Fi, Tap ON (OFF).



Mobile data traffic is available even when Wi-Fi is on. If connected via Wi-Fi, Wi-Fi takes priority.

Wi-Fi Operations

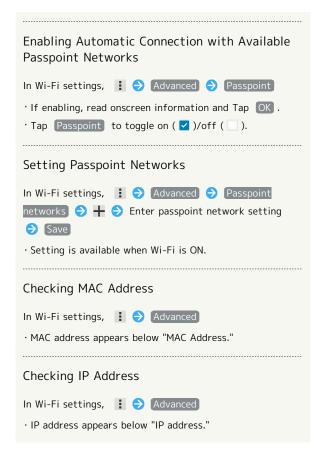


Tap (Wi-Fi optimization) to toggle on (✓)/off (□).

· Tap Auto IP support to toggle on (✓)/off (□).

Enabling Auto IP Support

support



Selecting a Network Connection

Select a scanned Wi-Fi network and connect.

1

In Home Screen, ⊕ → 💢 (Settings)







2

Wi-Fi



🧭 Wi-Fi settings open.

3

OFF



- 🯁 Wi-Fi is enabled (🥌 👀).
- · Access points are scanned. Available access points appear after scanning.
- · To disable Wi-Fi, Tap ON (OFF).



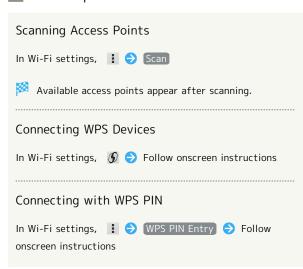
Tap Wi-Fi network → Enter password → Connect



Handset is connected.

- The password, for a household wireless LAN router, is sometimes found on a sticker on the router (WEP, WPA, KEY, etc.). Contact the router manufacturer for information.
 For password for a public wireless LAN, check with user's service provider.
- Entering a password is not required if an access point is not security protected.

₩i-Fi Operations



Making Settings Manually for Connecting



In Home Screen, 😁 🗦 💢 (Settings)



2





Wi-Fi settings open.

3





- ₩i-Fi is enabled (🔼 🕦).
- · Access points are scanned. Available access points appear after scanning.
- · To disable Wi-Fi, Tap ON (of).

4

+ > Enter Wi-Fi network setting > Save



- Handset is connected.
- Entering a password is not required if an access point is not security protected.

Disconnecting Wi-Fi

1

In Home Screen, ⊕ → 💢 (Settings)



2

[Wi-Fi]



Wi-Fi settings open.

3

Tap connected access point

Forget



Wi-Fi is disconnected.

· After disconnecting from an access point connection, the password may need to be entered again to reconnect.

Using Wi-Fi Direct

Use Wi-Fi Direct to connect to other Wi-Fi Direct devices simply via Wi-Fi, without an access point or via the Internet.



In Home Screen, ⊕ → 💢 (Settings)



2

Wi-Fi



🧭 Wi-Fi settings open.

3

OFF)



🧭 Wi-Fi is enabled (💽).

4

₩i-Fi Direct



- Wi-Fi Direct settings open.
- · Nearby Wi-Fi Direct devices appear in "PEER DEVICES."
- · If a target device is not found, Tap Search for devices and search again.



Tap device to connect to



Invitation for connection to other devices is sent.



Accept invitation for connection to other devices

- 🏁 Handset is connected via Wi-Fi Direct.
- \cdot If connection is not accepted after a certain period, the connection request is canceled.
- Tap the connected device and then OK to disconnect.

Using Tethering

Tethering

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

- $\cdot \ \mathsf{Requires} \ \mathsf{separate} \ \mathsf{subscription}.$
- \cdot Use after confirming that handset is updated to the latest software.

Enabling Tethering



In Home Screen, 🌚 🗦 🖫 (ツール) 🗦 💹 (Tethering)



- Tethering window opens.
- · If terms of use appear, follow onscreen instructions.

Checking Use of Tethering















Tethering appears.





🟁 Help appears.



Follow onscreen instructions

A description for each item appears.

USB Connection

If connecting Micro USB Cable for the first time, driver software of handset is installed to PC. Wait for a while until installation is completed.

 \cdot When "Install software" screen appears on handset, Tap Skip or Cancel.

Using Bluetooth® Function

Connect to a Bluetooth®-capable wireless phone, etc. for calls or to a hands-free device such as a headset.

Hints

Q. Cannot use Bluetooth®

A. Is handset in Airplane mode? Bluetooth® function is disabled in Airplane mode with Bluetooth® function enabled. Enable the Bluetooth® function again when Airplane mode is set.

Bluetooth® Function Cautions

Information may not appear correctly on both devices depending on the transferred data.

Using Bluetooth® Function

The Bluetooth® function is a technology that enables wireless connection with PCs, Bluetooth® devices with hands-free functionality, etc.

Function	Description
Audio output	Listen to music, etc. wirelessly.
Hands-free calls	Call hands-free, using Bluetooth®-capable hands-free devices and headsets.
Data exchange	Exchange data with Bluetooth® devices.

Enabling Bluetooth® Function

- \cdot Wireless connection to all Bluetooth® functions is not quaranteed for handset.
- \cdot Handset may not connect properly depending on the other device.
- · Noise may be experienced with wireless calls and hands-free calls depending on the conditions.



In Home Screen, 😁 🗦 💢 (Settings)



[Bluetooth]



Bluetooth® settings open.

3

OFF



· To disable Bluetooth® function, Tap ON (of).

Pairing/Connecting Bluetooth® Devices

Search for and pair nearby Bluetooth® devices. Paired Bluetooth® devices can be connected simply.

· Enable the Bluetooth® function on the Bluetooth® devices being paired beforehand.



In Home Screen, 🌐 🗦 💢 (Settings)









2

[Bluetooth]



- Bluetooth® settings open.
- · Nearby Bluetooth® devices appear in "AVAILABLE DEVICES."
- · If a target device is not found, Tap Search for devices and search again.



Tap device

Follow onscreen instructions to accept device

- The Bluetooth® device is paired to handset. Paired Bluetooth® devices appear in "PAIRED DEVICES."
- · Methods for accepting differ depending on devices being paired.

Connecting to Paired Bluetooth® **Devices**



In Home Screen, ⊕ → 💢 (Settings)











🔀 Bluetooth® settings open.

· Paired Bluetooth® devices appear in "PAIRED DEVICES."



Tap device



Handset connects to Tapped device.

Bluetooth® Operations

Enabling Handset to Be Discoverable by Other **Devices**

In Bluetooth® settings, Tap handset name

- · Tap handset name to toggle discoverable/undiscoverable setting.
- · Indication below handset name changes to "Visible to all nearby Bluetooth devices." Handset can then be discovered by other Bluetooth® devices within time set in Visibility timeout).
- · After time set in Visibility timeout passes, handset is no longer discoverable automatically, and no longer appears on unpaired devices.
- · Available when Bluetooth is enabled.

Changing Name of Paired Device

In Bluetooth® settings, 🗶 for paired device 🗦 Rename

Enter name

OK

- · Emoji are unavailable for names.
- · Available when Bluetooth is enabled.

Canceling Pairing

In Bluetooth® settings, $\norm{1}{\norm{2}{\norm{1}}\norm{1}{\norm{1}{\norm{1}{\norm{1}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}} p_i}}}} p_i}} }$

Unpair

· Settable when Bluetooth is enabled.

Enabling Service from Paired Device

In Bluetooth® settings, ★ for paired device → Tap item in "PROFILES"

- · If confirmation appears, follow onscreen instructions.
- · Available when Bluetooth is enabled.
- · Available when paired with device providing a service.
- · Tap item to toggle on (✓)/off (🗌).

Searching for Other Devices

In Bluetooth® settings, Search for devices

· Available when Bluetooth is enabled.

Changing Handset Name Appearing on Other

name
Rename

· Available when Bluetooth is enabled.

Setting Time that Handset Is Discoverable by Other Devices

Tap setting item

- · Available when Bluetooth is enabled.
- · Tapping Never time out stops handset from automatically becoming undiscoverable.

Checking Files Received by Bluetooth® Transfer

Follow onscreen instructions

Sending Data by Bluetooth®

Contacts data is described as an example.

1

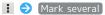






2







3









· Tap 🚯 to operate, when 🚯 appears next to 🔩.

4

Tap device



Data is sent.

 \cdot If confirmation appears, follow onscreen instructions.

Receiving Data by Bluetooth®

appears in Status Bar for a data request from another device. Follow steps below for other device to receive data.



Drag down Status Bar to open Notifications Window 🗦 Tap Bluetooth® transfer notification



Accept



Notification appears.

3

Drag down Status Bar to open Notifications Window after files are received 🤝 Tap "Bluetooth: Received files"



Select the received data



Supported application is activated.

Using DLNA Function

Use Wi-Fi transfers to share still image, video, and other files between handset and external devices. Connect to the same Wi-Fi network with DLNA device beforehand.

Enabling DLNA Server









Xperia™ Connectivity



3

Media server settings



Media server settings open.



OFF for "Share media"



Media server is enabled (💽 🕠).



5

Connect to handset with an application on DLNA device

Access request for media server is notified to handset.



In Media server settings, Tap pending DLNA device 🤝 Set access level

DLNA device is added.

 $^{\circ}$ When Tapping $^{\circ}$ Allow this time , read information and Tap



Select media files on handset from DLNA device and play back

Media files play.

Media Server Setting Operations



Deleting Saved DLNA Device

In Media server settings, Tap saved DLNA device 🗦







Playing Media Files in the DLNA Device on Handset

Play media files in the DLNA device on handset. Operation using "Walkman" application is explained here.

1

In Home Screen, 🌐 🕣 (Walkman)









- Walkman® appears.
- · If confirmation appears, follow onscreen instructions.
- 'In Launcher, Tap 🧐 (Album)/ 🗐 (Movies) to operate.

2

Flick right from the left edge of Walkman®

Devices





Select a device



4

Select a folder \bigcirc Select a media file



The media file is played in the DLNA device.

Playing Media Files in Handset on DLNA Device

Play media files in handset on DLNA device using Throw function. Operation using "Walkman" application is explained



In Home Screen, 😁 🔷 (Walkman)









- ₩ Walkman® appears.
- · If confirmation appears, follow onscreen instructions.
- ' In Launcher, Tap 🧐 (Album)/ 🗐 (Movies) to operate.

2

Tap target file









· If confirmation appears, follow onscreen instructions.

4

Tap a device on the device list.



The DLNA device is connected, and the media file is played.

Global Services

Before	Using	Handset	Abroad	148
Making	Calls	while Ab	road	150

Before Using Handset Abroad

Handset supports global travel. Use handset's phone number as it is abroad.

Setting the Communications Method

Select a communications method for an overseas carrier as needed.



In Home Screen, ⊕ → 💢 (Settings)









[More...]



Mobile networks



Mobile network settings open.

Network mode





Tap a network mode



- The communication's method is set.
- $^{\circ}$ At time of purchase, $\boxed{\text{4G/3G}}$ is set. Setting does not need to be changed if using handset in Japan or in an area with only 3G network carriers.

Setting the Carrier

At time of purchase, handset is preset to connect automatically to an appropriate carrier in user's current area. A specific carrier can also be selected manually.



In Home Screen, 🌐 🗦 🂢 (Settings)







2

[More...]



3

Mobile networks



Mobile network settings open.

Service providers



- Service providers list opens.
- · Search networks to show available networks.

5

Tap network to connect to

- The selected carrier is set.
- · In Service providers screen, Tap Search mode 🗦 Automatic to connect automatically to an appropriate carrier.
- · In Service providers screen, Tap Search mode

 Manual and select a carrier in AVAILABLE NETWORKS to connect to a specific carrier. If you power on handset again after setting a network operator manually, the network operator may be changed.

Enabling Data Roaming

Set data roaming for overseas data communication.

In Home Screen, ⊕ → 💢 (Settings)









2

More...



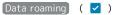
3

Mobile networks



Mobile network settings open.

4







· Tap Data roaming to toggle on (✓)/off (□).





Data roaming is enabled.

Making Calls while Abroad

Carry "世界対応ケータイ海外ご利用ガイド" overseas.

International Calls to Japan and Other Countries from Abroad



In Home Screen, (Phone)





2

Touch & Hold 0+





Tap dialpad and omit first O from phone numbers when placing international calls



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





🏁 Handset dials number. Call begins when other party answers.

Calls to Landline Phones/Cell Phones in Country of Stay

Place calls the same way you would within Japan.

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



In Home Screen, (Phone)



2

Tap dialpad to enter the other party's number



3





Handset dials number. Call begins when other party answers.

Handset Settings

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	4=0

Handset Settings

Handset Settings

In Home Screen, 🌐 🔵 Tap 💢 (Settings) to customize operation of handset functions.

Handset settings include the following items.

Item	Description
Wi-Fi	Enable Wi-Fi connection. For details, see "Connecting by Wi-Fi."
Bluetooth	Enable Bluetooth® connection. For details, see "Using Bluetooth® Function."
Data usage	Check mobile data traffic and set limit.
Xperia™ Connectivity	Set to connect PC etc. with USB or via Wi-Fi.
More	Set other functions for wireless and networks.
Personalization	Set Themes, Wallpaper, etc.
Home	Switch Home application.
Call	Set network services such as Voicemail, Call Forwarding, and Answering Machine. See "Making Call Settings" for details.
Sound	Set ringtone, touch sounds, etc.
Display	Set brightness etc.
Storage	Check handset and SD Card memory space. Also, perform SD Card mount and erase SD Card data.
Power	Set power saving items and check battery
management	usage.
Apps	Check installed and running applications.
Тар & рау	Manage billing information on cloud and handset with supported application.
Location	Enable location information.
Security	Set security functions such as Screen lock, SIM card lock, etc.
Language & input	Set functions for language and text entry.
Backup &	Back up handset information and initialize
reset	handset.
Setup guide	Make initial settings on functions, services, etc.
ACCOUNTS	Create/add accounts and sync accounts.
Date & time	Set functions for date and time.
Accessibility	Set functions for text-to-speech, etc.
Printing	Set Cloud Print, etc.
About phone	Check handset status.



In Home Screen, ⊕ ⊖ 💢 (Settings)









🏁 Handset settings open.



Set items



Wi-Fi

Wi-Fi

1

In Home Screen, 🌐 🗦 💢 (Settings)



2

Wi-Fi



Wi-Fi settings open.

3

OFF



Wi-Fi is enabled (N).

· To disable Wi-Fi, Tap ON (of).

4

Tap Wi-Fi network → Enter password → Connect



- Handset is connected.
- The password for a household wireless LAN router is sometimes found on a sticker on the router (WEP, WPA, KEY, etc.). Contact the router manufacturer for information.
 For password for a public wireless LAN, check with user's service provider.
- · Entering a password is not required if an access point is not security protected.
- · For details on Wi-Fi setting, "Connecting by Wi-Fi."

Bluetooth

Bluetooth

1

In Home Screen, ⊕ → 💢 (Settings)



2

Bluetooth



Bluetooth® settings open.

3

OFF



- Bluetooth® function is enabled (🔃 🕠).
- · To disable Bluetooth® function, Tap ON (of).
- For details on Bluetooth® setting, see "Using Bluetooth® Function."

Data usage

Data usage

Check mobile data traffic and set limit.



In Home Screen, 🌐 🔵 💢 (Settings)



2

Data usage



Data usage window opens.

Data Usage Operations

Enabling Mobile Data Traffic

In data usage window, OFF / ON for "Mobile data traffic"

- · If confirmation appears, follow onscreen instructions. For details on setting, see "Enabling Data Roaming."
- · Tap OFF to enable, and ON to disable.

Setting Amount for Alert when Data Usage Increases

In data usage window, Drag right end of horizontal bar (orange) up/down on graph

- \cdot Data usage amounts are approximate. Actual amounts may differ.
- · Available when Mobile data traffic is on.

Enabling Restriction on Use of Mobile Data

In data usage screen, Set mobile data limit

- · Tap Set mobile data limit to toggle on (✓)/off (□).
- · If confirmation appears, follow onscreen instructions.
- When use of mobile data is restricted, Drag right end of horizontal bar (red) on graph up/down to set upper limit.
- · Available when Mobile data traffic is on.

Setting Data Usage Cycle

In data usage window, Tap calculation period for "Data usage cycle" (Change cycle...) Flick date up/down to select reset day for each month (Set

· Available when Mobile data traffic is on.

Checking Data Usage for Each Application

In data usage window, Drag bottom of both vertical bars (white) on graph left/right to show usage period
Tap application name at bottom

Enabling Permission for Data Roaming

In data usage window, 🚦 🗦 Data roaming

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

Enabling Restriction on Mobile Data Traffic in Background

In data window,

Restrict background data

- Tap (Restrict background data) to toggle on (♥)/off
 (□).
- \cdot If confirmation appears, follow onscreen instructions.

Setting Auto-sync Data

In data usage window, 📘 🔵 (Auto-sync data) 🤙 (OK)

· Tap Auto-sync data to toggle on (✓)/off (□).

Enabling Restriction on Using Mobile Data with Wi-Fi

In data usage window, 🚦 🗦 Show Wi-Fi usage

- · Tap [Show Wi-Fi usage] to toggle on $(\ \ \ \ \)$ /off $(\ \ \ \ \)$.
- · If Show Wi-Fi usage is enabled, "Mobile"/"Wi-Fi" tabs appear at the top of data usage window. Tap "Wi-Fi" tab to make settings for restricting mobile data use with Wi-Fi.

Restricting Applications from Using Wi-Fi Network in the Background

- · Tap item to toggle on (✓)/off (🗌).
- · Setting is available when Wi-Fi is connected.

Xperia™ Connectivity

Xperia™ Connectivity

Set to connect PC, etc. with USB or via Wi-Fi. Settable items are the following.

Item	Description
One-touch setup	Set with a single touch to use handset and Xperia™ tablet (Android 4.4 or later) together.
Throw settings	Play back handset contents on other devices.
Screen mirroring	Mirror the screen of handset on TV or tablet compatible with screen mirroring.
Cast screen	Mirror the screen of handset on Google Cast devices.
Media server settings	Share and play back media files on DLNA devices and handset using Wi-Fi. For details, see "Using DLNA Function."
DUALSHOCK™3/ DUALSHOCK™4	Connect a wireless controller of DUALSHOCK® series to handset.
MirrorLink™	Control handset from MirrorLink™ in-car devices, connecting with Micro USB Cable.
USB Connectivity	Transfer data between handset memory and SD Card, connecting with Micro USB Cable.

1

In Home Screen, 🌐 🗦 💢 (Settings)



2

Xperia™ Connectivity



Xperia™ Connectivity settings open.

3

 $Set\ items$

Settings are made.

More...



Set other wireless and network functions. Settable items are the following.

Item	Description
Airplane mode	Disable all settings that emit signals. Handset remains powered on. For details, see "Using Airplane Mode."
Default SMS app	Set default message application.
VPN	Add a VPN.
Mobile networks	Set a network mode, etc.
NFC / Osaifu- Keitai settings	Set NFC/Osaifu-Keitai® settings. For details, see "Using NFC/Osaifu-Keitai®."



In Home Screen, ⊕ → 💢 (Settings)



2

More...



Mobile network settings open.



Set items

Settings are made.



Setting Default SMS Application In wireless & networks screen, Default SMS app Hangouts / Mail Default SMS application is set. Setting VPN To set VPN access from handset, obtain security information from network administrator in advance. For details, visit the website. http://www.sonymobile.co.jp/support/ In wireless & networks screen, VPN Tap items following instructions of the network administrator Set contents Save Set Screen lock beforehand. Enabling/Disabling Mobile Data Traffic In wireless & networks screen, Mobile networks

- [Mobile data traffic]
- \cdot If confirmation appears, follow onscreen instructions.
- · Tap $oxed{ ext{Mobile data traffic}}$ to toggle on $oxed{ ext{$arphi$}}$)/off $oxed{ ext{$(\square)}}$.

Personalization

Personalization

Set Themes, Wallpaper, etc. Settable items are the following.

Item	Description
Motion	Enable handset operation with motion.
Themes	Change or download Themes
Wallpaper	Set Wallpaper.
Lock screen	Set Wallpaper for lock screen.
Clear viewed notifications	Clear notifications from Status Bar when Notifications Window has been opened.
Manage notifications	Set applications that appear on Notifications Window.
Status bar icons	Set Indicators that appear in Status Bar.

1

In Home Screen, ⊕ → 💢 (Settings)



2

Personalization



Personalization settings open.



Set items

Settings are made.





Home



Switch Home application.



In Home Screen, ⊕ → 💢 (Settings)









Home



Mome selection opens.













· To switch to Xperia $^{\text{\tiny{IM}}}$ Home, in Simple Home screen, Tap Settings → Exit Simple Home → OK.

Sound

Sound

Set ringtone, operation tones, etc. Settable items are the following.

Item	Description
Audio settings	Make settings for sound.
Volumes	Set volume for phone ringtone, alarm, etc.
Phone ringtone	Set phone ringtone.
Increasing ringtone	Set whether to increase ringtone.
Vibrate when ringing	Enable vibration for ringtone.
Notification sound	Set notification sound.
Dialpad touch tones	Enable operation tones when Tapping dialpad.
Touch sounds	Enable operation tones when Tapping a menu.
Screen lock sound	Enable tone when unlocking screen.
Vibration on touch	Enable vibration when Tapping dialpad, etc.
Startup sound	Enable tone for activation.



In Home Screen, ⊕ ♦ 💢 (Settings)











Sound



Sound settings open.



Set items

Settings are made.

Display

Display

Set brightness etc. Settable items are the following.

Item	Description
Image enhancement	Set the screen to show photos and videos vividly and at high resolution. Note that the image quality of still images is enhanced when viewing in the "Album" application. Select "X-Reality for mobile" to enhance patterns and outlines so that sharp images with detailed textures are produced. Select "Super-vivid mode" to enhance colors so that sharp, vivid images are produced.
Glove mode	Enable touch operation with gloved hand.
Brightness	Set brightness of Display. Adjust brightness automatically according to the ambient brightness, using the manually set brightness as a reference when "Adapt to lighting conditions" is enabled ().
White balance	Set white balance.
Screen rotation	Enable Display orientation to switch automatically according to the handset orientation.
Sleep	Set a period of inactivity after which Display turns off automatically.
Smart backlight control	Enable the backlight to remain on while held even while touch operation is not performed.
Daydream	Set screen saver.
Font size	Set size of font for Display.
Tap to wake up	Enable backlight on by Double-Tapping Display.



In Home Screen, ⊕ ⊖ 💢 (Settings)





[Display]



Display settings open.



Set items

Settings are made.

Storage

Storage

Check handset and SD Card memory space. Also perform SD Card mount and erase SD Card data. Settable items are the following.

Item	Description
Total space	Check total space/free space on handset memory and SD Card.
Unmount SD Card ¹	Cancel recognition of SD Card for safe removal. For details, see "Unmounting SD Card."
Mount SD card ¹	Recognize SD Card.
Erase SD card ¹	Initialize SD Card. For details, see "Formatting SD Card."
Unmount USB storage ¹	Cancel recognition of USB storage for safe removal.
Mount USB storage ¹	Recognize USB storage.
Clear USB storage¹	Initialize USB storage.
Transfer data to SD card ²	Transfer data from handset memory to SD Card.
Remote shares	Set files on remote server like NAS as well as handset files.

- 1 Shown items depend on the recognition of SD Card or USB
- 2 Transfer files only in the specified folder on handset $\label{eq:memory to SD Card.}$



In Home Screen, ⊕ → 💢 (Settings)









[Storage]



Storage window opens.

Check/Tap items

Check handset and SD Card memory space.

USB Storage Operations

Connecting USB Storage

Open Slot Cover using groove
Insert Micro USB plug of USB storage straight into External Device Port on handset

Item name in Storage screen changes to Unmount USB storage , and USB storage is mounted.

 \cdot For details on connection with External Device Port, visit "Charging with AC Charger."

Unmounting USB Storage

In Storage screen, Unmount USB storage OK Check that item name in Storage screen changes to Mount USB storage, and pull out Micro USB plug of USB storage straight and remove it from handset Close Slot Cover and press it down firmly, and make sure that there are no gaps between handset and cover

· Always unmount USB storage beforehand.

Mounting USB Storage

Mount USB storage again.

In Storage screen, Mount USB storage

Item name in Storage screen changes to Unmount USB storage , and USB storage is mounted.

Formatting USB Storage

When using new USB storage for the first time, always format it on handset.

Connect USB storage and, in Storage screen, Clear USB storage (Clear USB storage) (Clear USB storage)

- Formatting erases all data on USB storage. Carefully check any USB storage that was used on another device before formatting.
- · Charge Battery while formatting, or format with adequate battery charge.

Power management

Power management

Set power saving items and check battery usage. Settable and viewable items are the following.

ltem	Description
rtem	Description
STAMINA mode	Restrict functions of specific applications to reduce power consumption in sleep (Standby) mode. Estimated standby time linked with STAMINA mode appears on "Estimated battery time."
Low battery mode	Disable time until entering sleep, brightness, a portion of handset functions when the battery charge is below a preset level.
Location- based Wi-Fi	Enable automatic activation of Wi-Fi to reduce power consumption when in range of a saved Wi-Fi network.
Emergency mode	Restrict functions of specific applications to reduce power consumption in an emergency.
App power consumption	Manage behavior of unused applications for reducing power consumption.
Battery usage	Check battery charge, battery usage, etc.



In Home Screen, 🌐 🔵 💢 (Settings)





Power management



Power management settings open.



Tap items



Apps

Apps

Check installed and running applications. Items that can be checked are the following.

Item	Description
Downloaded	Check downloaded applications.
Running	Check running applications.
All	Check all applications.



In Home Screen, ⊕ → 💢 (Settings)





[Apps]



Apps confirmation opens.



Tap items

Check applications.

Tap & pay

Tap & pay

Manage billing information on cloud and handset with supported applications.



In Home Screen, ⊕ → 💢 (Settings)







2





🏁 Tap & pay window opens.

Location



GPS

Handset has a GPS receiver that uses satellite signals to calculate your location. Some GPS features use the Internet.

- \cdot When GPS function is used to find your location, make sure there is a clear view of the sky. If GPS does not find your location after several minutes, move to another location. To help the search, stand still and do not cover GPS Antenna Area. When using GPS for the first time, it may take about 10 minutes to find your location.
- · Use the GPS system with great care. SoftBank Mobile Corp. is not liable for any damages caused by abnormality of the system.
- · Note that SoftBank Mobile Corp. is not liable for any damages including those due to missing a chance to check the positioning (communication) results because of external factors (including the running out of Battery), such as a failure, malfunction, or any other problems of handset or the power failure.
- · Handset cannot be used as a navigation device for an aircraft, vehicle, or person. Note that SoftBank Mobile Corp. is not liable whatsoever even if you suffer damages or loss while performing a navigation using the location information.
- · Handset cannot be used as a high-accuracy measurement GPS. Note that SoftBank Mobile Corp. is not liable whatsoever even if you suffer damages or loss due to a deviation in the location information.
- · Global Positioning System (GPS) is created and managed by the U.S. Department of Defense. The Department is in charge of controlling the accuracy and maintenance of the system. Therefore, any changes made by the U.S. Department of Defense might affect the accuracy or functions of the GPS system.
- · Handset blocks satellite signals and also causes instability of signal reception.
- · Some maps based on location information (latitude/ longitude information) may not be accurate due to countries' or regions' regulations.
- · Note that radio signals may not be received or it may be difficult to receive radio signals in such conditions such as inside a building or car or near a high-voltage cable, since GPS uses radio signals from a satellite.
- · SoftBank Mobile Corp. is not liable for navigation services or for the accuracy of location services.

Location

Enable location information. Settable items are the following.

Item	Description
Location	Enable wireless network and GPS for obtaining current location information.
Mode	Set a mode to identify location information.

RECENT LOCATION REQUEST

Show applications to recently used location.

LOCATION **SERVICES**

Enable applications to use location.



In Home Screen,

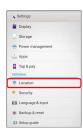
(Settings)







Location



Location settings open.





OFF for "Location"



Location is ON (Note: 100 (Note: 100).

· If confirmation appears, follow onscreen instructions.

4

Set items

Settings are made.

Security

Security

Set securities such as Screen lock, SIM card lock, etc. Settable items are the following.

· Shown items depend on the setting for Screen lock

· Shown items de	epend on the setting for Screen lock.
Item	Description
Screen lock	Set Screen lock.
Unlock sensitivity	Set the distance to unlock Bluetooth Unlock.
Improve face matching	Improve face recognition accuracy.
Liveness check	Enable blinking requirement for face recognition.
Make pattern visible	Enable pattern to be visible as pattern is traced to unlock screen.
Automatically lock	Set time until screen locks after Display light goes out after period of inactivity.
Power button instantly locks	Enable Screen lock soon after Pressing ③ .
Allow widgets on lock screen	Enable widgets on lock screen.
Owner info	Set owner information that appears in lock screen.
Encrypt phone	Encrypt handset data.
Set up SIM card lock	Make settings for SIM Card lock.
Make passwords visible	Show the input character before "●" appears when entering PIN/Password.
Device administrators	Enable device administrator to be shown.
Unknown sources	Enable installation of applications from unknown sources.
Verify apps	Enable prohibiting of installation of possibly harmful applications or to warn before installation.
Notification access	Enable showing of notifications from systems and installed applications, including contacts and mail messages.
Storage type	Show type of credential storage.
Trusted credentials	Show trusted credentials.
Install from device memory/SD card	Install certificates from handset memory or SD Card.
Clear credentials	Delete all certificates.



In Home Screen, ⊕ ⊖ 💢 (Settings)









[Security]



Security settings open.



Set items

Settings are made.

Security Operations

Setting Screen Not to Lock

In security settings, Screen lock
None

 \cdot If method for unlocking screen is setting other than None or Swipe before changing setting, first Tap Screen lock and unlock screen.

Unlocking Screen by Swiping on Screen

In security settings, Screen lock 🕣 Swipe





 \cdot If method for unlocking screen is setting other than None or Swipe before changing setting, first Tap Screen lock and unlock screen.

Unlocking Screen with Bluetooth® Devices

In security settings, Screen lock → Bluetooth unlock ♦ Continue ♦ Select Bluetooth® device to use to unlock \bigcirc Continue \bigcirc Tap extra unlock method if Bluetooth® device recognition does not unlock screen 🔷 Set pattern/PIN

- \cdot Enable the Bluetooth $^{\rm \tiny 8}$ devices to be paired beforehand.
- \cdot If method for unlocking screen is setting other than None or Swipe before changing setting, first Tap Screen lock and unlock screen.

Setting Distance to Unlock in Bluetooth Unlock

In security settings, Unlock sensitivity Select device to change unlock for Put the Bluetooth® device at distance to set Set distance

 Tap Reset to initialize unlock sensitivity. Change and set distance again to change unlock distance.

Unlocking Screen with Face Recognition

In security settings, Screen lock Face unlock Face unlock Set it up Continue Frame face in guides Wait for message "Face captured" to appear Continue Tap backup method if face recognition does not unlock screen Set pattern/PIN OK

· If method for unlocking screen is setting other than

None or Swipe before changing setting, first Tap

Screen lock and unlock screen.

Unlocking Screen by Tracing Pattern

In security settings, Screen lock Pattern Trace new pattern Trace new pattern again Confirm

· If method for unlocking screen is setting other than

None or Swipe before changing setting, first Tap

Screen lock and unlock screen.

Unlocking Screen with PIN

In security settings, Screen lock → PIN → Enter new PIN → Continue → Enter new PIN again → OK

· If method for unlocking screen is setting other than

None or Swipe before changing setting, first Tap

Screen lock and unlock screen.

Unlocking Screen with Password

In security settings, Screen lock Password Enter new password Continue Enter new password again OK

· If method for unlocking screen is setting other than

None or Swipe before changing setting, first Tap

Screen lock and unlock screen.

Showing Owner Information in Lock Screen

In security settings, Owner info Show owner info on lock screen

- Tap Show owner info on lock screen to toggle on
 (☑)/off (☐).
- Enter owner information to be shown after enabling Show owner info on lock screen .

Language & input

Language & input

Set functions for language and text entry. Settable items are the following.

Item	Description
Language	Set the shown language.
Default	Set the method for entering text.
Xperia™ Chinese keyboard	Set operation of Chinese keyboard.
Xperia™ keyboard	Set operation of international keyboard.
Google voice typing	Enable use of Google voice input.
Xperia™ Japanese keyboard	Set operation of Xperia [™] Japanese keyboard.
Spell checker	Enable spelling to be checked during entry.
Personal dictionary	Add words to the user dictionary.
Voice Search	Enable language and speech output in Google voice typing.
Text-to- speech output	Enable Text-to-speech engine or speech rate, or play a demonstration. Text-to-speech engine is not available in Japanese.
Pointer speed	Set the speed of the pointer for a mouse/trackpad.

1

In Home Screen, 😁 🗦 💢 (Settings)



2

[Language & input]



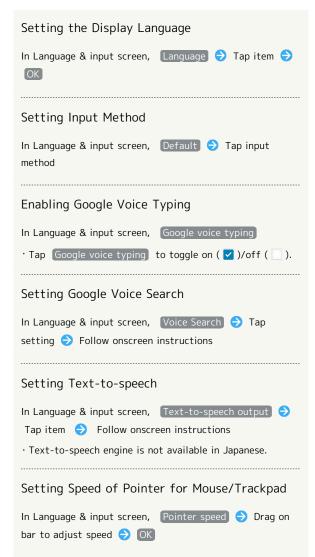
Language & input settings open.



Set items

Settings are made.

Language & Input Operations



Backup & reset

Backup & reset

Make settings for backing up information and initializing data. Settable items are the following.

Item	Description
Back up my data	Enable backup for application data, etc.
Backup account	Check the account used for backing up data.
Auto restore	Enable restoring of backed-up settings or data when reinstalling application.
Factory data reset	Initialize handset data.

- Initializing handset erases all data on handset. It is recommended that you back up important data beforehand.
- $\boldsymbol{\cdot}$ Erased information cannot be restored. Erase after checking adequately.



In Home Screen, ⊕ → 🤾 (Settings)



2

Backup & reset



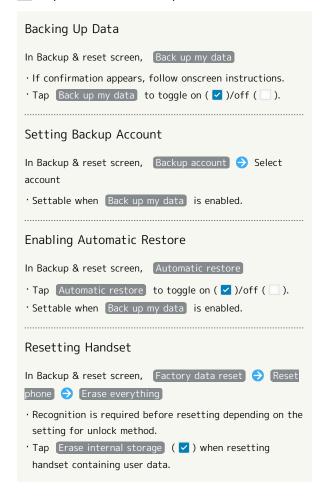
Backup & reset settings open.



Set items

Settings are made.

Operations in Backup & Reset



Setup guide

Setup guide

Make initial settings on functions, services, etc.



In Home Screen, ⊕ ⊖ 💢 (Settings)



2

Setup guide



Startup guidance appears.

ACCOUNTS

ACCOUNTS

Create/add accounts and sync accounts.



In Home Screen, ⊕ ⊖ 💢 (Settings)







2

Add account



🌠 A window to add an account opens.



Select account to add
Follow onscreen instructions



Account Operations



Date & time

Date & time

Set functions for date and time. Settable items are the following.

Item	Description
Automatic date & time	Enable adjustment of date and time automatically by using network-provided information.
Automatic time zone	Enable use of time zone information from the network.
Set date	Set the date manually. Available when Automatic date & time is canceled ().
Set time	Set the time manually. Available when Automatic date & time is canceled ().
Select time zone	Set the time zone manually. Available when Automatic date & time is canceled ().
Use 24-hour format	Enable 24-hour format.
Select date format	Set the date format.



In Home Screen, 🌐 🔵 💢 (Settings)









Date & time



Date & Time settings open.



Set items



Accessibility

Accessibility

Set functions for text-to-speech, touch operation guidance, etc. Settable items are the following.

Item	Description
TalkBack ¹	Set Accessibility service (TalkBack).
Captions	Set captions, language, text size, etc.
Magnification gestures	Enable zooming in/out by Triple-Tapping the screen.
Large text	Enable to enlarge font size.
Power button ends call ²	Enable end of call by Pressing (b) during a call.
Auto-rotate screen	Enable automatic rotation of Display.
Speak passwords	Enable password to be read aloud.
Play sound when battery is full	Enable sound notification when Battery is full.
Accessibility shortcut	Enable Accessibility.
Text-to- speech output ¹	Make detailed Text-to-speech settings.
Touch & hold delay	Set time to press Display for Touch & Hold.

- 1 Not available in Japanese.
- 2 To revert from sleep while "Power button ends call" is on, Press Volume Key up/down.



In Home Screen, ⊕ → 💢 (Settings)









(Accessibility



Accessibility settings open.



Set items

Settings are made.

Printing

Printing

Set Cloud Print etc.



In Home Screen, ⊕ → 💢 (Settings)







2





- Printing window opens.
- · Follow onscreen instructions

About phone

About phone

Check handset status. Items that can be checked/set are the following.

Item	Description
Software Update	Make settings for Software Update.
Application update	Download and update new applications.
Status	Check condition of handset.
Legal information	Check copyright information, terms of use, etc.
Model number	Check model number.
Processor info	Check processor info.
Android version	Check the Android version.
Baseband version	Check the baseband version.
Kernel version	Check the kernel version.
Build number	Check the build number.

1

In Home Screen, ⊕ → 💢 (Settings)







2

(About phone



About phone window opens.



Set items



Check handset information.

For Assistance

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Saving Data

Saving Destination

- \cdot Save data to handset memory or SD Card. For details on inserting/removing SD Card, see "Internal Memory and SD Card."
- \cdot Saving destination when creating data cannot be changed. Main saving destinations are the following.

Data type	Description
Contacts,	
Bookmarks,	Saves to handset memory when creating
Calendar,	data.
Mail, Memo	
Still Images,	
Videos	Saves to SD Card when creating data.

Backing up & Restoring

Backing up & Restoring

The methods of backing up/restoring are the following.

Method	Description
Operation on each application	Changes setting on some applications.
Connection to	Connects to PC etc. to transfer data. For
PC etc.	details, see "Connecting to PC via USB."

Troubleshooting

Check Here First

Check the following Q & A. If problem persists, visit your nearest a SoftBank Shop or contact Customer Service General Information.

? Hints

- Q. Handset freezes/operation is unstable
- A. Power on handset again. If you are unable to power off handset, Press & Hold (1) and Volume Up Key at the same time for approximately three seconds, and release your finger after it vibrates three times. Power on handset again. Data that was being edited is erased after handset is powered on again.
- Q. Operation is unstable after a new application was installed
- A. The newly installed application may be the cause.
 Uninstall the application in Safe mode. See
 "Uninstalling Applications." To power on handset in Safe mode:
 - (b) (Long Press) Touch & Hold Power off (c) Check Display, OK
 - After powering on in Safe mode, "Safe Mode" appears at lower left.
 - · After restarting in Safe mode, handset can be powered on as usual.
 - · Before powering on handset in Safe mode, it is recommended that you back up important data.
 - \cdot By powering on handset in Safe mode, added widgets may be deleted.
- Q. Cannot use phone, mail, or Internet
- A. Check whether you are where signal is weak or out of service area.
- A. Power on handset again.
- A. Is handset in Airplane mode? To check that Airplane mode is canceled:



A. Is data communication disabled? To check that data communication is enabled:



A. Is a disabled access point set? To reset to initial settings:



- Q. Battery level goes down quickly
- A. Are you where signal is weak or have been out of service area for a long period? Calling where signal is weak or being out of service area uses a lot of Battery.
- Q. Cannot install applications
- A. Applications cannot be installed with only a little free space on handset or SD Card. To check free space, see "Storage." Applications not supported by handset cannot be installed.
- Q. Cannot unlock screen
- A. Power on handset again. If you are unable to power off handset, Press & Hold (1) and Volume Up Key at the same time for approximately three seconds, and release your finger after it vibrates three times. Power on handset again. Data that was being edited is erased after handset is powered on again.
- Q. Display is dark
- A. If handset becomes high temperature, Display may become dim. This is normal.

Specifications

Handset

Item	Description
Dimensions (W x H x D)	Approx. 73 × 147 × 7.4 mm
Weight	Approx. 154g
Maximum Output	3G: 0.25 W GSM: 2 W 4G (AXGP): Approx. 0.2 W 4G (FDD-LTE): Approx. 0.2 W
Continuous Talk Time	3G: 1670 minutes GSM: 810 minutes
Continuous Standby Time	3G: 1010 hours GSM: 840 hours 4G (AXGP): Approx. 700 hours 4G (FDD-LTE): Approx. 940 hours
Charging Time	AC Charger (Micro USB 1.0A) (ZTDAC1): Approx. 230 minutes AC Charger (Micro USB 1.8A) (ZTDAD1): Approx. 170 minutes
One Seg viewing time	Approx. 7.9 hours
Full Seg viewing time	Approx. 3.5 hours (maximum brightness) Approx. 5.9 hours (minimum brightness)

Internal Battery

Item	Description
Voltage	DC 3.8 V
Туре	Lithium-ion
Capacity	3100 mAh

Desktop Holder (SOEAB1)

Item	Description
Input	DC 5.0 V DC 9.0 V, 1.8A
Output	DC 5.0 V DC 9.0 V, 1.8A

TV Antenna Cable (SODAB1)

Item	Description
Dimensions	Length approx. 148 mm
Weight	Approx. 5 q

Warranty & After-Sales Service

Warranty

Handset purchase includes Warranty.

- · Confirm shop name and purchase date.
- \cdot Read contents of Warranty and keep it in a safe place.
- \cdot The warranty period is found in the Warranty.

Caution

Damages

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

Accidents/Repair

Files and settings may be lost or altered due to accidents or repairs. Keep a copy of important files, etc. SoftBank Mobile Corp. is not liable for damages resulting from loss or alteration of files (contacts/images/sound etc.) or settings due to accident or repair.

Disassembling/Modifying Handset

Disassembling or modifying handset may be a violation of Radio Law. Note that SoftBank Mobile Corp. does not accept repair requests for modified products.

After-Sales Service

Before submitting handset for repairs, contact Customer Service General Information or a SoftBank Shop; be prepared to describe problem in detail.

- During the warranty period, repairs are made under the terms and conditions described in the Warranty.
- · After the warranty period, repairs are upon request. If said repairs are made, you are charged for them.

Further Inquiry

For more information, contact a SoftBank Shop or Customer Service.

Customer Service

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

SoftBank Customer Support

From a SoftBank handset, dial toll free at 157
From a landline/IP phone, dial toll free at

© 0800-919-0157

Customer Assistance (Repairs/Lost Handsets)

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

If you cannot reach a toll free number, use the number (charges apply) below for your service area:
Hokkaido Area, Tohoku Area, Hokuriku Area, Kanto & Koshinetsu Area: 022-380-4380 (Charges apply)
Tokai Area: 052-388-2002 (Charges apply)
Kansai Area: 06-7669-0180 (Charges apply)
Chugoku Area & Shikoku Area, Kyushu & Okinawa Area: 092-687-0010 (Charges apply)

Smartphone Technical Support Center

From a SoftBank handset, dial toll free at 151
From a landline/IP phone, dial toll free at ⑤ 0800-1700-151

SoftBank Mobile Global Call Center

From outside Japan, dial +81-92-687-0025 (toll free from SoftBank handsets)

If handset is lost/stolen, call this number immediately (international charges apply)

Safety Precautions

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Information

Safety Precautions

Read safety precautions before using handset.

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

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

Safety Precautions

These labels indicate the degree of risk from improper use. Make sure you thoroughly understand their meanings before reading on.

Mark	Descriptions			
⚠ DANGER	Great risk of death or serious injury ¹ from improper use			
 MARNING	Risk of death or serious injury ¹ from improper use			
 ∴ CAUTION	Risk of minor 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, electric shock, fractures, poisoning and other conditions having side effects or requiring hospitalization or long term treatment.
- 2 Minor 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 and/or to pets and livestock.

These symbols indicate prohibited or compulsory actions. Make sure you thoroughly understand their meanings before reading on.

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

Handset, SIM Card, Desktop Holder, TV Antenna Cable, AC Charger (Optional Accessory)



Use specified Desktop Holder, TV Antenna Cable and AC Charger (optional accessory) only.

Non-specified accessory use may cause Internal Battery to leak, overheat, burst or ignite, or cause Desktop Holder, TV Antenna Cable, AC Charger to overheat, ignite, malfunction, etc.



Do not disassemble, modify or solder.

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



Keep away from water.

Do not let handset/related hardware exposed to liquid remain wet. May cause overheating, electric shock, fire, injury or malfunction. Use handset/related hardware properly/appropriately.



Do not charge Internal Battery, or use or expose handset/related hardware to extreme heat (e.g. near fire or heat appliances, in direct sunlight, inside sun-heated vehicles, etc.) Do not charge Internal Battery, or use, leave, or wear handset/related hardware in a place where heat collects, such as under a kotatsu (blanketed warming table) or next to a kairo (worn warming patch), etc.

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



Do not force AC Charger plug to connect to handset.

Internal Battery may leak, overheat, burst, ignite, etc. or External Device Port may be damaged or burn out.



Do not subject handset to excessive force such as stomping while AC Charger (optional accessory) is connected.

Charging with damaged port may cause malfunction or fire. Charge only as directed.

⚠ WARNING



Do not put handset, Desktop Holder, TV Antenna Cable or AC Charger (optional accessory) in cooking appliances such as a microwave or pressure cooker or on IH cooking heaters.

May cause Internal Battery to leak, overheat, burst or ignite, or cause handset, Desktop Holder, TV Antenna Cable or AC Charger (optional accessory) to overheat, emit smoke, ignite or malfunction.



Keep handset off and do not charge battery near gas stations or places with fire/explosion risk.

Handset use near petrochemicals or other flammables may cause fire/explosion. Be sure to power off handset before using NFC (including Osaifu-Keitai®) in gas stations. (When NFC/Osaifu-Keitai® Lock is set, power off handset after unlocking setting.)



Do not drop, throw or otherwise subject to strong force or impact.

Internal Battery may leak, overheat, burst, or ignite, and may result in fire, cause electric shock, malfunction, etc.



Take these actions in case of odd sound, odor, smoke or abnormalities:

- 1. Grasp AC Charger power plug from power outlet. Be careful not to burn when disconnecting handset since it may be hot.
- 2. Power off handset.

Continued use may cause fire, electric shock, etc.



Keep liquids (tap water, beverages, sea water, pet urine, etc.) and conductive material (pencil lead, metal parts, necklaces, hairpins, etc.) away from charging terminal of Desktop Holder, External Device Port, Stereo Earphone Port or SIM Card/SD Card Slot.

Failure to do so may cause short circuit, resulting in fire, malfunction, etc. Although handset complies with IPX waterproof and dustproof standards, short circuit may be caused by adhering foreign substance or liquid.

Sea water, water in pool, hot water, etc. is out of waterproof protection target. Remove adhered foreign substance or liquid before charging.

⚠ CAUTION



Do not place handset on unstable/uneven surfaces.

Handset or related hardware may fall, resulting in injury, malfunction, etc. Take added care when vibration is set or while charging.



Grasp Micro USB plug of AC Charger (optional accessory) when removing handset from AC Charger (optional accessory). Do not pull the cord/cable.

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



Avoid touching handset, Desktop Holder, AC Charger (optional accessory) for a long time while charging.

Failure to do so may cause low-temperature burn injury.



Keep handset and related hardware out of infants' or pets reach.

Infants and pets may swallow handset or related hardware resulting in injuries.



A guardian should supervise use by children and insure handset is used as instructed.

Failure to do so may result in injuries.

Handset

Internal Battery type is as follows.

Symbol on Label

Battery Type

Li-ion00

Lithium-ion

⚠ DANGER



Do not dispose of handset in fire.

Internal Battery may leak, burst, ignite, etc.



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

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



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

May cause blindness.

MARNING



Do not use handset while driving a vehicle, motorbike or riding a bicycle.

May cause an accident. Drivers/riders using handsets while driving/riding are subject to penalty. Stop your vehicle and park in a safe place before using handset.



Power off near electronic devices or equipment operating on high precision control or weak signals.

Handset use may cause electronic malfunctions, etc. *Take added care near these devices: Hearing aids, implanted cardiac pacemakers, implanted cardioverter defibrillators, other electronic medical equipment, fire detectors, automatic doors, and other automatically controlled devices or equipment.



Follow airline's instructions to use handset properly in aircraft.

Radio waves may interfere with aircraft operations.



Users with heart conditions should adjust vibration and ringtone volume as needed.

Strong vibration or loud volume may affect heart conditions.



If thunder is audible while outdoors, power off immediately and seek shelter.

Lightning strikes or electric shock may occur.



Do not position Flash/Photo Light close to others' faces. Do not look at Flash/Photo Light directly while in use. Do not point Flash/Photo Light at others' eyes.

May harm eyesight. Do not photograph infants up close. Flash may impair vision, causing accidents.



Do not cover/wrap handset with cloth or futon while charging. Do not cover/wrap handset with cloth or futon at bedtime.

Handset may overheat, resulting in fire, burns, malfunction, etc.



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

Handset use may cause skin damage.



If battery does not charge after specified time, stop charging.

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

⚠ CAUTION



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

Handset use may affect devices and lead to unsafe driving.



If you experience any skin irritation associated with handset use, stop handset use and consult a doctor.

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



Keep handset away from magnetic cards, etc.

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



Do not swing handset by Strap, etc.

Handset may harm yourself or others, or Strap may break resulting in injury or handset malfunction/ breakage.



Avoid a prolonged use of handset in a place where temperature becomes high (e.g. near fire, heater appliances, in the direct sunlight, inside sun-heated car, etc.), warm or overheated (under kotatsu, electric blanket, near pocket warmer). Handset may become hot.

Prolonged contact with skin may cause low-temperature burns.



Handset or AC Charger (optional accessory) may become hot when calling or using application (game etc.) while charging. Avoid a prolonged touch of the hot section.

Prolonged contact with skin may cause low-temperature burns.



Always keep your ear some distance from Speaker while ringtones, music or other handset sounds play.

If it sounds in excessive volume, ears or hearing may be damaged.



Watch TV from a distance in good light.

Failure to do so may impair vision.



Moderate handset volume when using Headsets.

Prolonged use and excessive volume may damage ears or hearing.

Desktop Holder, AC Charger (Optional Accessory)

⚠ WARNING



Do not cover/wrap with cloth or futon while charging.

Heat may build up resulting in fire, burns, malfunction, etc.



Use specified power supply and voltage.

Failure to do so may cause fire, malfunction, etc. AC Charger: 100 V to 240 V AC (household AC outlet only) Do not use commercially available voltage converters, as when traveling. May cause fire, electric shock or malfunction.



Unplug AC Charger power plug when you do not use it.

Adhering foreign substance or liquid to AC Charger power plug or stomping AC Charger power plug may cause electric shock, fire, malfunction.



If liquids (water, pet urine, etc.) seep inside AC Charger power plug, unplug it immediately.

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



If plug is dusty, grasp AC Charger power plug and unplug it, then clean with a dry cloth.

Failure to do so may cause fire.



When plugging AC Charger power plug into outlet, keep conductive materials (pencil leads, metal parts, necklaces, hair pins, etc.) away from AC Charger power plug/connector and plug AC Charger power plug firmly into outlet.

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



Do not plug in/unplug AC Charger power plug with wet hands.

May cause electric shock or malfunction.



Do not touch AC Charger if thunder is audible.

May cause electric shock, etc.

⚠ CAUTION



Grasp AC Charger power plug and unplug it before cleaning.

Failure to do so may cause electric shock, etc.



Always grasp AC Charger power plug (not cable) to disconnect it.

Pulling cable may damage cable, causing electric shock, fire, etc.



Do not subject AC Charger (optional accessory) to strong shock or impact while it is plugged into the outlet.

May cause injury or malfunction.



Do not subject AC Charger (optional accessory) to strong impact such as pulling the cable while it is plugged in.

May cause injury or malfunction.



Do not touch Charging Terminal of Desktop Holder for a long time while charging.

May result in low-temperature burns.



Do not touch Charging Terminal with your hands, fingers, etc.

May cause electric shock, injury or malfunction.

Handset Use & Electronic Medical Equipment

This section is based on "医療機関内での携帯電話等の使用に関する指針" (Electromagnetic Compatibility Conference, August 2014) and "Guidelines for Prevention of Effects of Radio Waves from Various Equipment Using Radio Waves on Implantable Medical Equipment" (Ministry of Internal Affairs and Communications).

↑ WARNING



Persons with an implanted pacemaker or defibrillator should keep handset at least 15 cm away from the device.

Radio waves may interfere with implanted pacemakers or defibrillators.



When using electronic medical equipment (other than implanted cardiac pacemakers/ defibrillators) outside medical facilities, check with the equipment vendor or distributor for information about the effects of radio waves.

Handset radio waves may affect electronic medical equipment.



Handset radio waves may affect electronic medical equipment. Observe these guidelines in medical institutions:

- \cdot Observe each medical facility's instruction when using a mobile phone.
- \cdot Always power off handset in operation rooms, intensive care units, etc.
- Ensure necessary distance from electronic medical equipment nearby even where mobile phone use is permitted such as medical ward or lobby.



There may be someone who is wearing an implanted pacemaker or defibrillator. Disable handset transmissions (e.g. airplane mode) or power off handset when it is difficult to keep a distance of at least 15 cm away from others such as in a crowd.

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

Important Product Information

Handset, SIM Card, Desktop Holder, TV Antenna Cable, AC Charger (Optional Accessory)

- Do not get wet. AC Charger (optional accessory) and packaged accessories are not waterproof. Avoid use in humid places such as a bathroom or exposing it to rain. Contact to damps from sweat by wearing on your body may cause corrosion inside resulting in malfunction. If malfunction is determined to be caused by above water exposures, warranty will not apply to repair. In the case that repair is possible, repair charge is incurred.
- Use handset, SIM Card (inserted in handset) within temperatures of 5°C to 35°C and humidity 35% to 85%.
 Avoid extreme temperatures, humidity, direct sunlight (temporary use at 36°C to 40°C and humidity 86% to 90%).
- · Charge battery within temperatures of 5°C to 35°C.
- Do not use handset, SIM Card, or AC Charger (optional accessory) in a dusty place, where there is much vibration, or near landline phone, TV, radio, etc.
- For using power outlet with drop-off prevention structure, see the user's manual.
- Storing handset with full-charged or insufficient battery level deteriorates battery performance. It is recommenced to store handset with 40% battery level.
- Turning off by pressing (b) does not shut off handset from power source completely. Unplug AC Charger power plug to completely turn it off. Use AC Charger (optional accessory) near a power outlet for easy unplugging in case that malfunction is detected.
- Display may become dim when handset temperature rises. It is not abnormal.
- Do not subject handset to excessive shock. Do not deform External Device Port; may cause malfunction.
- Occasionally clean Charging Terminals with a dry, cotton swab etc. Dirt on Charging Terminals may cause power shut-off or insufficient charging. Take care not to damage Charging Terminals when cleaning.
- · Clean handset, SIM Card, or AC Charger (optional accessory) with a dry, soft cloth. Rubbing hard with a dry cloth etc. may scratch them. Wiping off with wet dustcloth may cause malfunction. Using benzine, thinner, alcohol, detergent, etc. may fade color/print.
- Occasionally clean Headphone Port with a dry cotton swab etc. Dirt on Headphone Port may cause contact failure. Do not deform Headphone Port or connecting plug by putting pressure when cleaning.
- Attach or detach Desktop Holder with specified method without putting excessive force.
- Always attach packaged accessory Attachment to Desktop Holder when charging.
- ・Attachment 45B only supports smartphone covers (commercial item) marked with "純正卓上ホルダ対応" and used for Desktop Holder charging with the cover attached to handset.
- Use LCD protection film with thickness of 0.15 mm or less.
 Thick film may hinder correct attachment of handset to
 Desktop Holder.
- Do not leave Camera in direct sunlight. Concentrated sunlight through Lens may cause handset to malfunction.

- Do not bring magnetic data or magnetic objects close to handset. Magnetic data on cash card, credit card, etc. may be erased or may cause handset malfunction.
- · Do not remove IMEI printed sticker or Nameplate.

Charging

- AC Charger (optional accessory) may become warm while charging. It is not abnormal.
- · If charging is started, handset can power on although it is unavailable for operation. For this reason, avoid charging in a place where handset use is prohibited (in aircraft, hospital, etc.)
- Check battery level with Status Indicator at the top of screen.
- Operation time of Internal Battery varies by usage environment or the battery condition.
- · Internal Battery is consumable item. Operation time per charge decreases by charging repeatedly.
- Internal Battery is consumable item. When operation time
 with full-charged is extremely shortened, it is time to
 replace. Internal Battery is not customer-replaceable. Bring
 handset to a SoftBank Shop etc. to replace Internal Battery.
 Fee is incurred for the replacement. Contact a SoftBank
 Shop or SoftBank Customer Support.
- · Using application while charging may shorten Internal Battery life.

Touchscreen

- \cdot Handset uses a touch screen Display. Operate with your fingers on Display.
- Touch with your fingers lightly. Do not press forcibly with fingers or push with a sharp-pointed object (nail, ball-point pen, pins, etc.)
- Touchscreen may not work or malfunction in the following cases:
- -Operation with fingernail
- -Foreign object, protection sheet or sticker applied, or waterdrop or dew condensation on Display
- -Operation with fingers wet or sweaty
- -Operation under water
- Although Display is made with hardened and shatterproof glass, touching scattered or exposed parts accidentally may cause injuries.

Technical Conformity

Auth.

Handset is certified as wireless equipment for low power electric data communication based on the Radio Law. No license is required for using handset as the wireless radio station. However, disassembling/modifying handset may be subject to penalty by law.

- Never use modified handset. Using modified handset is a violation of the Radio Law.
- · Handset is compliant with the technical standard conformance of specified wireless equipment based on the Radio Law, and as a proof of it, the "Technical Compliance Mark 😝 " appears on the electronic nameplate of handset.

To view the electronic nameplate, in Home Screen, 🌐 🗦



The technical standard conformance certification etc. is invalidated by removing the screws and altering the inside of handset. Using handset with invalid technical standard conformance certification etc. is a violation of the Radio Law.

• Do not alter the basic software illegally. May be regarded as software modification and repairs may be refused.

Bluetooth®/Wi-Fi (WLAN)

Frequencies

Frequency band used by handset Bluetooth®/Wi-Fi (WLAN) functions are as follows:



2.4 : Frequency band is 2400 MHz

 $\label{eq:FH-SS} \mbox{FH-SS, other modulation, DS-SS, OFDM}$

4 : Estimated range of radio frequency interference is up to $40\ \mbox{m}$

8 : Estimated range of radio frequency interference is up to $80\ \mbox{m}$

: Utilizes 2,400 MHz to 2,483.5 MHz band without mobile device bandwidth differentiation

- · Available channels may vary by country.
- · For use in an airplane, contact your airline.

Notes on Using Bluetooth® Device

Handset operates on the same frequency band used by home electric appliances such as microwave ovens, industrial, scientific and medical equipment, premises radio stations for identifying mobile units used in the manufacturing lines of plants (radio stations requiring a license), specified low power radio stations (radio stations requiring no license) and amateur radio stations (hereinafter referred to as "another station.")

- Before using handset Bluetooth® function, confirm that premises radio stations, specified low power radios and amateur radios are not in use nearby.
- In the event of handset causing harmful radio wave interference with "another station," promptly change the operating frequency or stop radio wave emission by turning off the power, etc.
- For further questions, contact a SoftBank Shop or SoftBank Customer Support.

Reception Interference Caused by Wi-Fi (WLAN) Devices

Handset Bluetooth® function uses the same frequency band as Wi-Fi (WLAN) devices. Using near Wi-Fi (WLAN) devices may cause radio interference, low-communication speed, noise or connection failure. In that case, take the following measures.

- Provide distance between Bluetooth® device and Wi-Fi
 (WLAN) device. Required distance varies by device.
- If the problem persists, power off Bluetooth® device or Wi-Fi (WLAN) device.

Wi-Fi (WLAN)

- Wi-Fi (WLAN) uses radio waves to exchange information and LAN connection is freely established within an area where the radio wave reaches. Meanwhile, if no security is set, Wi-Fi communications may be intercepted or hacked by malicious parties. It is recommended to make necessary security settings on your responsibility.
- · Use handset WLAN function only in Japan.
- Do not use Wi-Fi near magnetic devices such as electrical appliances or AV/OA devices. Magnetic/radio waves may hinder or disable communication. Avoid microwave ovens especially. Using near a TV or radio, etc. may cause interference; may affect TV reception.
- If there are multiple Wi-Fi access points using the same channel, search may fail.
- Enable Wi-Fi to search available Wi-Fi networks and then establish connection.
- · Connect to Wi-Fi network before accessing Internet via Wi-Fi (WLAN).
- Take care with radio signal strength for Wi-Fi (WLAN).
 Radio signal strength for Wi-Fi network differs depending on the access point location. Moving close to a Wi-Fi router may improve radio signal strength.
- · To save battery power, disable Wi-Fi (WLAN) when not used.

Notes on Using 2.4GHz Devices

WLAN devices operate on the same frequency band used by home electric appliances such as microwave ovens, industrial, scientific and medical equipment, premises radio stations for identifying mobile units used in the manufacturing lines of plants (radio stations requiring a license), specified low power radio stations (radio stations requiring no license) and amateur radio stations.

- Before using handset, confirm that premises radio stations, specified low power radios, and amateur radio stations are not in use nearby.
- In the event of handset causing harmful radio wave interference with premises radio stations for identifying mobile units, promptly change the operating frequency or stop radio wave emission by turning off the power, etc. and then contact a SoftBank Shop or SoftBank Customer Support for measurement against the cross talk (e.g. installing partition.)
- Also, in the event of handset causing radio wave interference with specified low power radios and amateur radio stations, contact a SoftBank Shop or SoftBank Customer Support.

Notes on Using 5GHz Devices

Available channel numbers and the frequencies are as follows:

Frequency Band	Ch (MHz)			
5.2GHz	36 (5,180), 40 (5,200), 44 (5,220), 48 (5,240)			
5.3GHz	52 (5,260), 56 (5,280), 60 (5,300), 64 (5,320)			
5.6GHz	100 (5,500), 104 (5,520), 108 (5,540), 112 (5,560), 116 (5,580), 120 (5,600), 124 (5,620), 128 (5,640), 132 (5,660), 136 (5,680), 140 (5,700)			

- · Handset Wi-Fi (WLAN) function uses 5GHz.
- \cdot Use of 5.2GHz and 5.3GHz frequency bands outdoor is prohibited by the Radio Law.

Reception Interference Caused by Bluetooth® Devices

Bluetooth® and WLAN (IEEE802.11b/g/n) use the same frequency band. Using near Wi-Fi (WLAN) devices may cause radio interference, low-communication speed, noise or connection fault. Or may cause communication interruption or sound distortion when streaming data is played. In that case, take the following measures.

- Provide distance between Wi-Fi (WLAN) device and Bluetooth® device. Required distance varies by device.
- · If the problem persists, power off Bluetooth® device.

Waterproofing/Dustproofing

Handset complies with IPX5¹, IPX8² waterproof standards and IP6X³ dustproof standard with External Device Port Cover, SIM Card/SD Card Slot Cover firmly closed.

- 1 Protection against water jet (at 12.5 L/min. from every direction from a distance of approximately 3 m for over 3 minutes through 6.3 mm nozzle)
- 2 Protection against seepage when slowly submerged in still tap water at room temperature to depth of 1.5 m for 30 minutes
- 3 Protection against dust ingress when being placed in an apparatus with grit and dust of diameters of 75 μm or less and shaken for 8 hours.

Handset Waterproofing/Dustproofing

Handset waterproofing/dustproofing provides the following: Calling in the rain without umbrella (approximately 20 mm rainfall per hour)

 Do not open or close External Device Port Cover or SIM Card/SD Card Slot Cover with wet hands or when handset gets wet.

Washing handset when it gets dirty or stained with liquid other than tap water

- Wash with tap water at normal temperature (5℃ 35℃) with weak water flow (less than 6L/min.) at distance of approximately 10 cm away from the tap or shower.
- When washing handset, make sure to securely close External Device Port and SIM Card/SD Card Slot Cover. Do not use a brush or sponge. Drain and the use handset after washing.

Using handset at a poolside

 \cdot Do not get water from a pool on handset or soak it in pool water.

Maintaining Waterproof/Dustproof Performance

Observe the following to avoid water or dust ingress.

- Do not get any liquid other than room temperature tap water on handset, or soak it in such liquid.
- Firmly close External Device Port Cover and SIM Card/SD Card Slot Cover. Even a fine particle (one hair, one grain of sand, tiny fiber, etc.) put between the port contact surfaces may allow water or dust to ingress.
- Do not poke Earpiece/Speaker, Mic/Speaker, Second Mic, Headphone Port, Strap Hole, etc. with a sharp object.
- Do not let handset fall. Scratch on handset may degrade waterproof/dustproof performance.
- Rubber gaskets on inner side of SIM Card/SD Card Slot Cover play important roles for waterproofing/dustproofing. Do not remove or damage them. Also, prevent dust from adhering onto them.

Precautions

Do not perform the following actions.

- -Washing with Soap/Detergent/Bath powder
- -Washing using brush/sponge
- -Machine-washing
- -Applying strong water flow
- -Soaking in ocean water
- -Using in hot spring
- -Exposing to sand/mud

Observe the following precautions to use handset properly.

- · Packaged accessories are not waterproof/dustproof.
- Do not apply water flow stronger than allowed (water flow of 6L/min. or more: e.g., such water flow that causes you pain when applied to your skin) directly from a tap or shower. Handset provides IPX5 waterproof performance, but doing so may cause malfunction.
- If handset gets wet with salt water, sea water, beverage, or mud or sand adheres, wash it immediately. If they dry, they become hard to remove and may cause damage or malfunction.
- Do not put in hot water, use in a sauna or apply hot airflow (from a hair dryer etc.). Do not move handset in water or slam handset against surface of water.
- Soaking handset in tap water should be no more than 30 minutes.
- For using handset at a swimming pool, obey rules of the facility.
- · Handset does not float on water.
- Do not let water remain on handset. In cold region, water freezes up and may cause malfunction.
- Do not let water remain on Earpiece/Speaker, Mic/Speaker, Second Mic or External Device Port. Such water may interfere with calls.
- If handset gets splashed with water or other liquid while External Device Port Cover or SIM Card/SD Card Slot Cover is opened, seepage may occur resulting in electric shock or malfunction. In that case, stop using and power off handset, then contact a SoftBank Shop or SoftBank Customer Support.
- If rubber gaskets on inner side of External Device Port or SIM Card/SD Card Slot Cover are damaged or deformed, have them replaced at a SoftBank Shop or SoftBank Customer Support.
- Do not connect earphones, etc. to handset that is wet with water. May cause malfunction.
- Do not leave handset in a humid place for a long time. Take handset out from bathroom after using.
- Avoid moving handset from cold place to warm place suddenly. Wait until handset temperature gets warm and before bringing it to bathroom etc.
- Complete protection is not guaranteed under all conditions.

 Malfunctions due to improper handling by the user are not covered by Warranty.

Draining

When handset gets wet, remaining water may flow out after wiping it off. Drain as shown.



Wipe off moisture on handset surface and back side with dry, clean cloth etc.



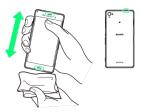
2

Shake handset approximately 20 times until there is no more water splattering



3

Wipe off water drained from handset with clean cloth etc.



 Face down Earpiece/Speaker, Mic/Speaker, Second Mic onto cloth etc. to drain water.



Place handset on dry, clean cloth etc., and dry naturally at room temperature for a couple of hours

Charging

Check the following while and after charging.

- · While charging, check that handset is not wet. Never charge while handset is wet.
- · Packaged accessories are not waterproof/dustproof.
- Adequately drain and wipe off water with a dry, clean cloth etc., before inserting handset to Desktop Holder or opening External Device Port Cover.
- · When charging with External Device Port Cover opened, close the cover firmly after charging.
- Do not use Desktop Holder, AC Charger (optional accessory),
 Micro USB Cable (commercial item) in a bathroom, shower
 room, kitchen, lavatory or other highly humid area. Doing so
 may cause fire or electric shock.
- Do not touch Desktop Holder, AC Charger (optional accessory) or Micro USB Cable (commercial item) with wet hand. Doing so may cause electric shock.

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RF Exposure Information/Specific Absorption Rate (SAR) Information

Specific Absorption Rate (SAR) for This Product (for Japan)

This mobile phone 401SO meets the Japanese technical regulations * and international guidelines for exposure to radio waves.

The Japanese technical regulations for exposure to radio frequency energy established permitted levels of radio frequency energy, based on standards developed by independent scientific organizations through periodic and thorough evaluation of scientific studies.

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

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

The limit includes a substantial safety margin designed to assure the safety of all persons, regardless of age and health. The value of the limit is equal to the value given in international guidelines recommended by ICNIRP**, which is in collaboration with the World Health Organization (WHO) The highest SAR value for this mobile phone is 0.61 W/kg when tested for use at the ear, and 0.42 W/kg*** when worn on the body in the below manner****

While there may be differences between the SAR levels of various phones and at various positions, all phones meet the Japanese technical regulations.

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

Use at positions other than at the ear ****

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

- * The technical regulation is provided in Article 14-2 of the Ministry Ordinance Regulating Radio Equipment.
- $\ensuremath{^{**}}$ International Commission on Non-Ionizing Radiation Protection
- *** The value is under simultaneous transmission use conditions.

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

For more information about SAR, see the following websites:

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

This mobile phone 401SO is confirmed to comply with guidelines relating to effects of radio wave exposure as set forth by the Council of Europe (CE) and the Federal Communications Commission (FCC). Refer to the following.

European RF Exposure Information

Your mobile device is a radio transmitter and receiver. It is designed not to exceed the limits for exposure to radio waves recommended by international guidelines. These guidelines were developed by the independent scientific organization ICNIRP and include safety margins designed to assure the protection of all persons, regardless of age and health. The guidelines use a unit of measurement known as the Specific Absorption Rate, or SAR. The SAR limit for mobile devices is 2.0 W/kg and the highest SAR value for this device when tested at the ear is 0.58 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 0.48 W/kg*.

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

FCC RF Exposure Information

Your handset is a radio transmitter and receiver. It is designed and manufactured not to exceed the emission limits for exposure to radio frequency (RF) energy set by the Federal Communications Commission of the U.S. Government. The guidelines are based on standards that were developed by independent scientific organization through periodic and thorough evaluation of scientific studies. The standards include a substantial safety margin designed to assure the safety of all persons, regardless of age and health. The exposure standard for wireless handsets employs a unit of measurement known as the Specific Absorption Rate, or SAR. The SAR limit set by the FCC is 1.6 W/kg. The tests are performed in positions and locations (e.g. at the ear and worn on the body) as required by the FCC for each model. The highest SAR value for this model handset as reported to the FCC when tested for use at the ear is 0.50 W/kg, and when worn on the body in a holder or carry case, is 1.20 W/kg. Body-worn Operation; This device was tested for typical body-worn operations with the handset kept 1.5 cm from the body. To maintain compliance with FCC RF exposure requirements, use accessories that maintain a 1.5 cm separation distance between the user's body and the handset. The use of beltclips, holsters and similar accessories should not contain metallic components in its assembly. The use of accessories that do not satisfy these requirements may not comply with FCC RF exposure requirements, and should be avoided. The FCC has granted an Equipment Authorization for this model handset with all reported SAR levels evaluated as in compliance with the FCC RF emission guidelines. SAR information on this model handset is on file with the FCC and can be found under the Display Grant section of http://www.fcc.gov/oet/ea/) after searching on FCC ID PY7PM-0807.

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

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.

World Health Organization

http://www.who.int/emf

List of Specific Absorption Rates (SAR) for radio waves by smartphone/3G model

http://www.softbank.jp/mobile/support/sar/ (Japanese)

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