

# Xperia 1

## User Guide



## Xperia 1 User Guide Contents

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## About the User Guide

Most operation descriptions are based on default settings.  
Unless noted otherwise, descriptions are for Home Screen.  
Some operation descriptions may be omitted.

### Before You Begin

- Read "Safety Precautions" and this guide thoroughly beforehand for proper usage.
- Accessible services may be limited by contract conditions.
- Unauthorized copying of any part of this guide is prohibited.
- Guide content subject to change without prior notice.

### Data Communication

- Handset is designed to be always connected to the Internet. Some functionality, such as data syncing, initiate transmission automatically.
- Large-volume data communication (application downloads, video viewing, etc.) incur expensive transmission fees. Subscription to a flat-rate data plan is strongly recommended.
- Depending on applications and services used, transmission fees may be incurred even while connected by Wi-Fi®.

### Screenshots & Key Labels

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

### Other Notations

- Xperia 1 is referred to as "handset" in this guide.
- In this guide, microSD™/microSDHC™/microSDXC™ Card is referred to as "SD Card."
- In this guide and on handset, "abroad" means "outside Japan" with regard to handset/service usage.

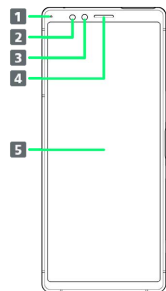


# Getting Started

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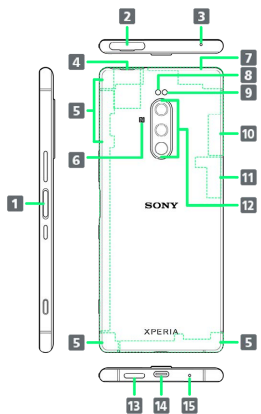
## Parts & Functions

### Handset (Front)



Part	Description
<b>1</b> Notification Lamp	Flashes for notifications while Display is off. Lights while charging.
<b>2</b> Proximity/Light Sensor	Detects surrounding brightness to automatically adjust Display or backlight and prevent Touchscreen misoperation during a call.
<b>3</b> Front Camera	Use to shoot still images, videos of yourself, etc.
<b>4</b> Earpiece/Speaker	Hear the other party's voice here. Also, hear sound (music, videos, TV, etc.) from here.
<b>5</b> Display	Touchscreen-type display, operate with your fingers on Display.

### Handset (Back/Side)



Part	Description
<b>1</b> Fingerprint Sensor	Unlock screen with fingerprint authentication.
<b>2</b> SIM Card/SD Card Slot	Insert SIM Card/SD Card.
<b>3</b> Second Mic	Reduces noise for calling.
<b>4</b> Nameplate	CE mark, FCC ID, IMEI information printed sticker is attached. Do not remove nameplate.
<b>5</b> Internal Antenna Area	Internal Antenna for calls and data communication.
<b>6</b> NFC / Osaifu-Keitai® Detection Area	Hold up to a reader/writer to use NFC / Osaifu-Keitai®.
<b>7</b> Internal Antenna/Wi-Fi Antenna Area	Internal Antennas for calls, data communication, and Wi-Fi.
<b>8</b> Flash/Photo Light	Use as camera flash when taking photos, etc.
<b>9</b> RGBC-IR Sensor	Automatically adjusts white balance based for shooting based on the light source.
<b>10</b> GPS/Wi-Fi/Bluetooth® Antenna Area	Internal Antenna for GPS, Wi-Fi, and Bluetooth® features.
<b>11</b> Wi-Fi® Antenna Area	Internal Antenna for Wi-Fi.
<b>12</b> Camera	Capture still images and videos.
<b>13</b> Speaker	Listen to music as well as video, TV, etc. audio.
<b>14</b> USB Type-C™ Port	Connect USB Type-C cable (commercially available), etc.
<b>15</b> Mic	Speak here.



## Handset Keys



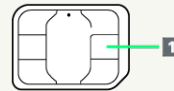
Part	Description
<b>1</b> Volume/ Zoom Up/ Down Key	Adjust Volume. Adjust Zoom while using Camera.
<b>2</b> Power Key/ Screen Lock Key	Long Press for power on/off. Turn Display on/off.
<b>3</b> Camera Key	Use as Camera shutter. Long Press to launch Camera.

## SIM Card

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

### Handling SIM Card

For SIM Card handling, see following items.



#### 1 IC chip

For SIM Card handling, see SoftBank Website.

<https://www.softbank.jp/mobile/support/protect/usim/>  
(Japanese)

- Always keep the IC chip clean.
- Wipe clean with a dry, soft cloth.
- Avoid applying labels. May damage SIM Card.

### SIM Card Cautions

Observe the following when using SIM Card.

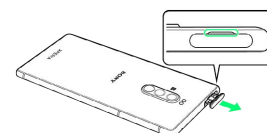
- Customer is responsible for any damage caused by inserting SIM Card in an other-brand IC card reader, etc. SoftBank Corp. is not responsible in such case.
- SIM Card is the property of SoftBank Corp.
- SIM is replaceable (at cost) in case of loss/damage.
- Return SIM Card to SoftBank Corp. when cancelling subscription.
- Returned SIM Cards are recycled for environmental purposes.
- 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 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](#).

## Inserting SIM Card

Always unmount SD Card beforehand. For details, see "[Unmounting SD Card](#)."

### 1

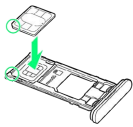
Pull Tray out from handset



- Pull SIM Card/SD Card Slot Cover out straight using fingernail in groove.

## 2

Set SIM Card into Tray with IC chip facing up



- Check SIM Card orientation by notch.
- Make sure SIM Card is in Tray securely.

## 3

Holding handset held level, press Tray in straight



🚩 SIM Card is inserted.

- Check Tray orientation.
- Press firmly where circled ○, and make sure there is no gap between handset and SIM Card/SD Card Slot Cover.

## Removing SIM Card

Always unmount SD Card beforehand. For details, see "[Unmounting SD Card](#)."

## 1

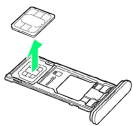
Pull Tray out from handset



- Pull SIM Card/SD Card Slot Cover out straight using fingernail in groove.

## 2

Remove SIM Card from Tray



## 3

Holding handset held level, press Tray in straight



🚩 SIM Card is removed.

- Check Tray orientation.
- Press firmly where circled ○, and make sure there is no gap between handset and SIM Card/SD Card Slot Cover.

## SIM-Unlocking Handset

Handset can be SIM-unlocked. SIM-unlocking handset allows other-carrier SIM cards to be used with it.

- Some services, functions, etc. may have restrictions when an other-carrier SIM card is used. SoftBank Corp. does not guarantee operation whatsoever.
- For details, see SoftBank Website.

## SD Card

Handset supports SD Cards up to 512 GB. Some SD Cards may not operate properly.  
When using a new SD Card for the first time, always format it on handset.

### ! 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 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 Card.

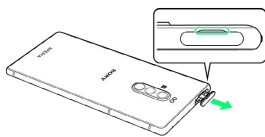
### 🚫 Handling SD Card

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

## Inserting SD Card

1

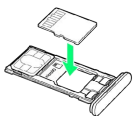
Pull Tray out from handset



- Pull SIM Card/SD Card Slot Cover out straight using fingernail in groove.

2

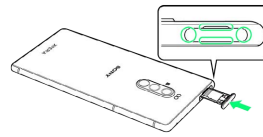
Set SD Card into Tray with terminals facing up



- Make sure SD Card is in Tray securely.

3

Holding handset held level, press Tray in straight




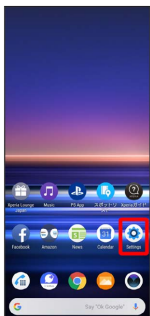
🚩 SD Card is inserted.

- Check Tray orientation.
- Press firmly where circled ○, and make sure there is no gap between handset and SIM Card/SD Card Slot Cover.

## Formatting SD Card

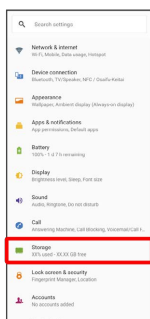
1

In Home Screen,  (Settings)



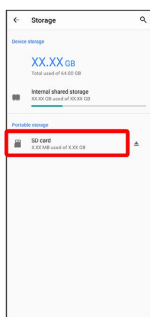
2

### Storage

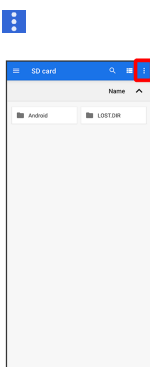


3

### SD card

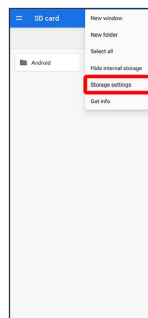


4



5

### Storage settings



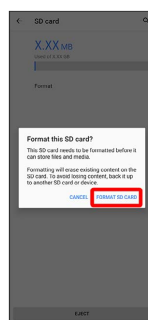
6

### Format



7

### FORMAT SD CARD



8

### Done

 All data on SD Card is erased.

### Cautions when Formatting SD Card


Observe the following when formatting SD Card.

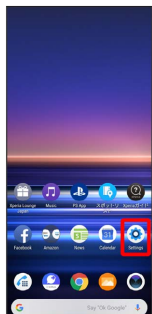
- Formatting erases all data on SD Card. Carefully check any SD Card that was used on another device before formatting.
- Charge Internal Battery while formatting, or format with adequate battery charge.

## Unmounting SD Card

Always unmount SD Card before removing.

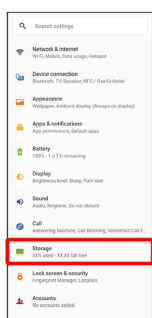
1

In Home Screen,  (Settings)




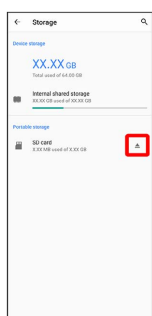
2


### Storage



3

 for "SD card"



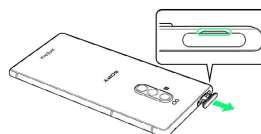
 "SD card is safely ejected" appears. SD Card is unmounted.

## Removing SD Card

Always unmount SD Card beforehand. For details, see ["Unmounting SD Card."](#)

1

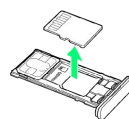
Pull Tray out from handset



• Pull SIM Card/SD Card Slot Cover out straight using groove.

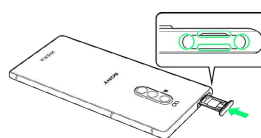
2


Remove SD Card from Tray




3

Holding handset held level, press Tray in straight



 SD Card is removed.

- Check Tray orientation.
- Press firmly where circled , and make sure there is no gap between handset and SIM Card/SD Card Slot Cover.

## Charging Internal Battery

### ! Charging Cautions

Never connect USB Type-C plug while handset or peripheral equipment is wet.

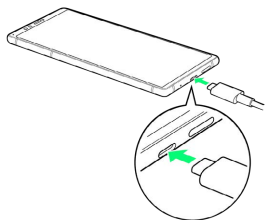
### Charging with AC Charger

Be sure to use an AC Charger specified by SoftBank. For information on AC Charger and other peripheral devices, see SoftBank Website.

Charging with AC Charger (USB Type-C™ rapid charging AC Charger with USB PD capability [ZSDBAS] (SB-AC20-TCPD)) is described as an example.

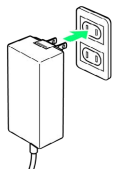
1

Insert USB Type-C connector of AC Charger straight into USB Type-C Port



2

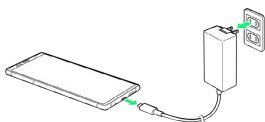
Unfold power plug of AC Charger and plug into household AC



☑ Charging start sound sounds and Notification Lamp on handset lights up when charging starts.

3

When charging is complete, unplug AC Charger and remove USB Type-C connector of AC Charger straight from handset



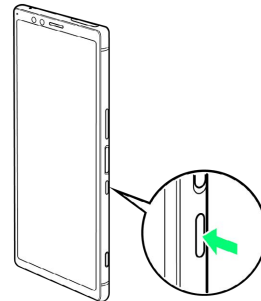
☑ Charging ends.

## Power On/Off

### Powering On

1

Long Press Power Key until handset vibrates once



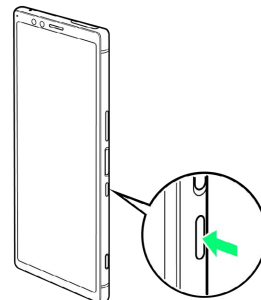
☑ Lock Screen appears.

- For details on unlocking screen, see "[Unlocking Screen](#)."
- Startup wizard appears for the first time handset is powered on. Follow onscreen instructions.
- Battery level is not sufficient if low battery indicator appears when Power Key is Pressed with handset powered off. Charge Internal Battery.

### Powering Off

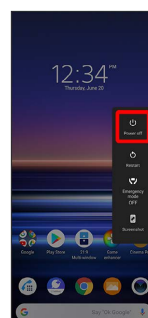
1

Long Press Power Key



2

Power off



☑ Handset powers off.

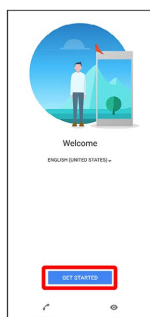
## Making Initial Settings

When powering on the first time, an initial settings wizard appears for optionally making Wi-Fi, Google™ account, and other settings. Follow onscreen instructions to set items.

### Making Initial Settings

1

日本語 → English → United States → GET STARTED



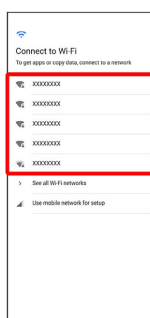
2

Set Important information → ACCEPT



3

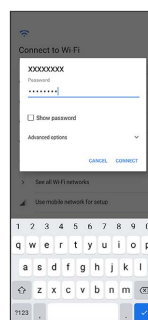
Select Wi-Fi network to connect to



- To skip Wi-Fi settings, Tap **Use mobile network for setup** . Continue by following onscreen instructions.

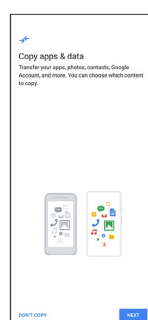
4

Follow onscreen instructions to set Wi-Fi



5

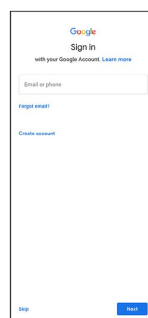
Follow onscreen instructions to transfer data



- To set up handset new, Tap **DON'T COPY** .
- To copy data from another handset on which a Google account is set, Tap **NEXT** , then follow onscreen instructions.

6

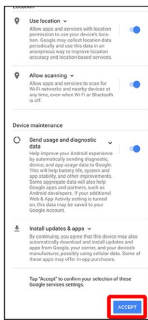
Follow onscreen instructions to set a Google account



- For details on Google accounts, see "[Setting a Google Account](#)."
- If not making Google account settings, Tap **Skip** .

7

Select items to set → **ACCEPT**



8

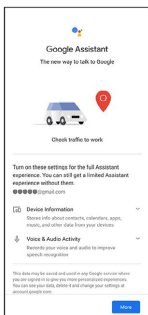
Follow onscreen instructions to set unlocking using fingerprint



- To not save a fingerprint, Tap **SKIP**.
- A backup screen lock is required after restarting handset, fingerprint is not recognized, etc. Do not forget to set.

9

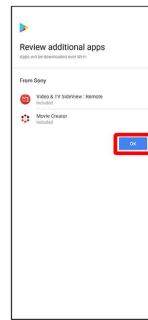
Follow onscreen instructions to set Google Assistant/Google Pay



- If not making Google Assistant settings, Tap **No Thanks**,
- if not making Google Pay settings, Tap **Skip**.

10

OK



11

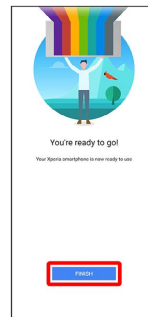
Follow onscreen instructions make other settings




- To not make other settings, Tap **NO THANKS**.

12

FINISH



 Settings are complete.



## Setting 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 mail address or password.

### Creating a Google Account

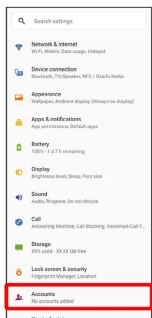
1

In Home Screen, (Settings)



2

#### Accounts



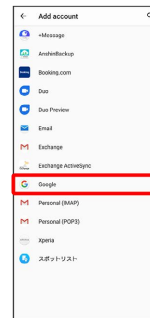
3

#### Add account



4

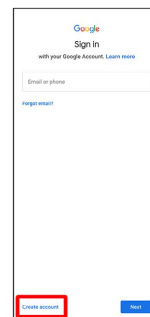
#### Google



Window for logging in to a Google account opens.

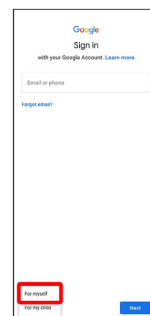
5

#### Create account



6

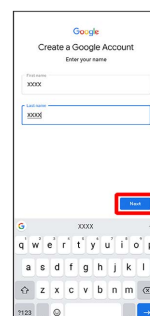
#### For myself



To create a child's account, Tap **For my child** then follow onscreen instructions.

7

Enter First name → Last name → Next



If confirmation appears, follow onscreen instructions.

8

Enter date of birth → Select gender → Next

9

Select Gmail address → Next

- To create a Gmail address, **Create a different Gmail address** → Enter username (mail address) → Next .

10

Enter password → Enter password again (for confirmation) → Next

11

Yes, I'm in

- To not add a phone number, Tap **Skip** .
- To add a phone number only for security protection, Tap **More options** . Continue by following onscreen instructions.

12

Check the privacy policy and terms of usage, **I agree**

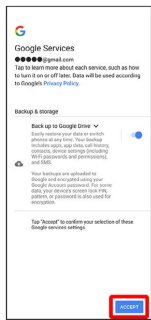
A Google account is created.

13

Next

14

Set Google service → ACCEPT

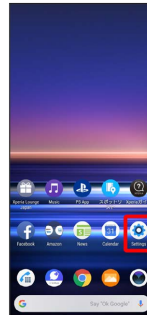


Account is created.

## Logging In with a Google Account

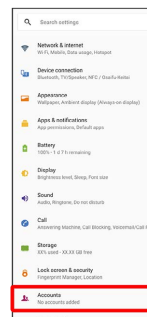
1

In Home Screen, (Settings)



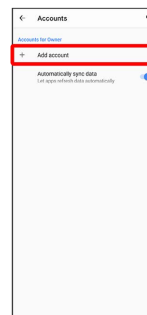
2

### Accounts



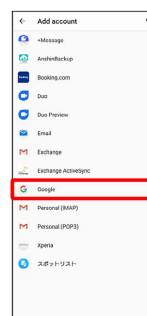
3

### Add account



4

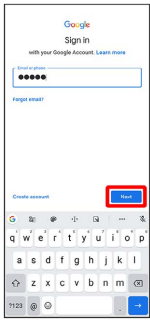
### Google



Window for logging in to a Google account opens.

5

In window for logging in to Google account, enter mail address → **Next**



6

Enter password → **Next**



7

Follow onscreen instructions



You are logged in to your Google account.

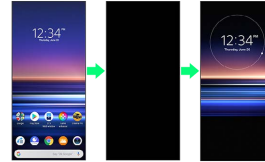
## Locking Screen

### Screen Lock

Display goes out after a set period of inactivity to save battery power (screen lock).

This also prevents accidental Touchscreen operation.

While Display is off (screen is locked), Press Power Key for Lock Screen.



- To activate Screen lock manually, Press Power Key when Display is turned on.



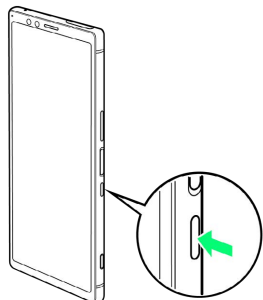
### When Screen Locks during Music Playback

Music playback continues. While Display is off (screen is locked), Press Power Key for music panel in Lock Screen. Use pause, next song, etc. (operation may differ with application).

## Unlocking Screen

**1**

While Display is off (screen is locked), Press Power Key

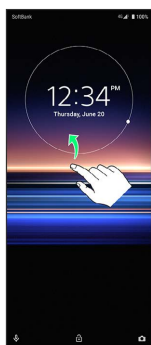


🚩 Lock Screen appears.

- Alternatively, if Ambient display is enabled, Double-Tap Ambient screen or Press Power Key.

**2**

Flick screen up



🚩 Screen is unlocked.

- The method for unlocking the screen can be changed.
- For fingerprint authentication, Touch Fingerprint Sensor with authentication finger to unlock screen.




# Basic Operations

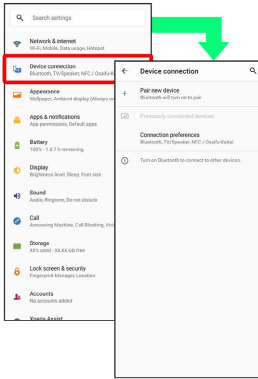
- Basic Operation.....22
- Using Touchscreen..... 22
- Silent Mode..... 23
- Airplane Mode..... 24
- Text Entry.....25
- Updating Software..... 26

## Basic Operation

### Selecting Options and Navigating Screens


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

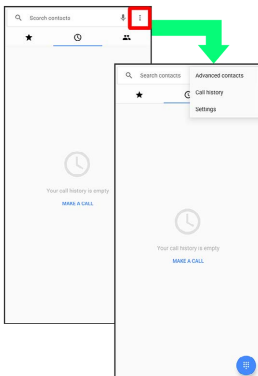
- Tap  to go back to previous screen.



### Menu Operations

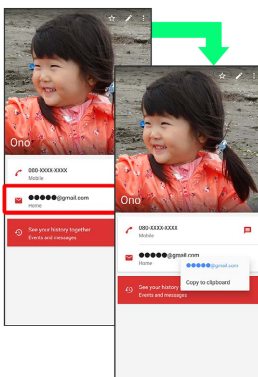
1

Tap  for available settings and items.



2

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

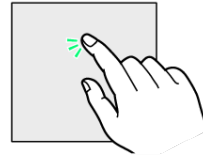


## Using Touchscreen

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

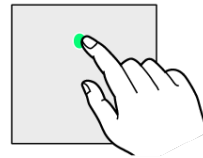
### Tap

Contact Display lightly and briefly.



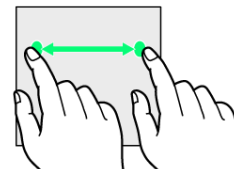
### Touch & Hold

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



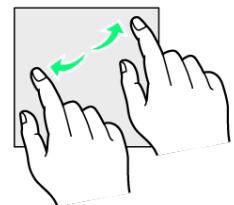
### Drag

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



### Swipe/Flick

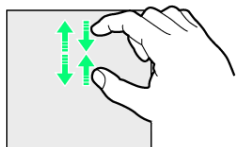
Contact Display lightly, then brush screen up/down or left/right.





## Pinch/Spread

Contact Display lightly, then close/widen fingers.



## Silent Mode

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

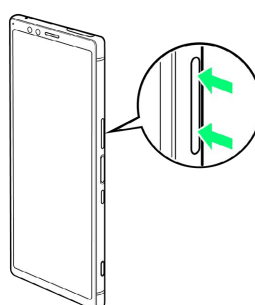
### ! Silent Mode Cautions

Camera shutter, video start/stop tones, Alarm, etc. sound even in Silent mode.

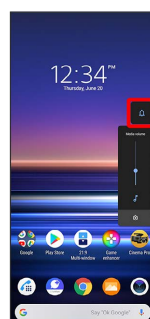
### Entering Silent Mode (Vibrate)

1

Press Volume Up or Down Key



2



Icon changes to , and handset enters Silent mode (vibrate).

• Tap Silent mode icon to toggle between , , and .

### + Entering from Quick Settings

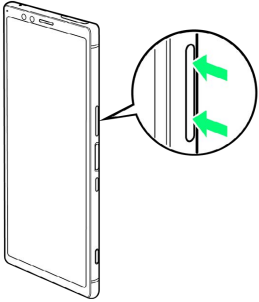
Also use Quick Settings to enter Silent mode (vibrate).

Drag Status Bar down → Drag Notifications Window down → Silent mode (off)

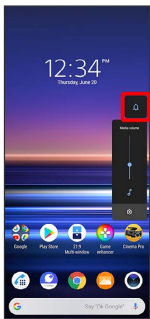
## Entering Silent Mode (No Vibrate)

1

Press Volume Up or Down Key



2



Icon changes to , and handset enters Silent mode (vibrate).

3

While volume adjustment bar is shown,



Icon changes to , and handset enters Silent mode (no vibrate).

· Tap Silent mode icon to toggle between , , and .

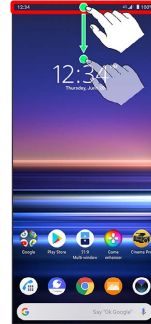
## Airplane Mode

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

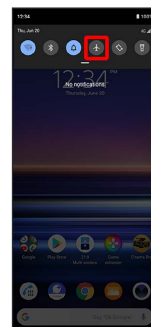
### Using Airplane Mode

1

Drag Status Bar down



2





Handset is in Airplane mode.

· Use same operation again while in Airplane mode to cancel.

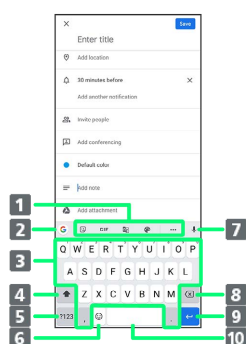
## Text Entry






### Keyboards

Enter text with onscreen QWERTY keyboard by Tapping each character individually, or by using Glide typing feature and sliding finger from character to character (on by default). Touch & Hold each character for extended characters.

- Tap  to hide keyboard.
- Input method is set to International keyboard (Gboard) by default. To input Japanese, Tap  to change keyboard to Xperia Japanese keyboard.


### QWERTY Keyboard Layout

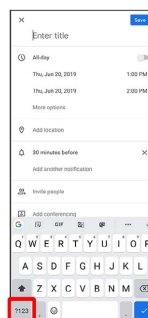



- 1 Use the keyboard option menu.
- 2 Show the search bar.
- 3 Enter a character. Touch & Hold character to show variant options.
- 4 Switch between all lower case and sentence case. Double-Tap for all upper case.
- 5 Toggle entry modes.
- 6 Show emoji / stickers / GIFs / emoticons.
- 7 Use voice input.
- 8 Delete a character before cursor.
- 9 , , , , or  appears depending on application. Confirm text input or enter line break.
- 10 Enter a space.



### Switching Character Types (Entry Modes)

1

In QWERTY keyboard, Tap .



 Entry mode is changed to number and symbol mode.

- To enter more symbols, Tap .
- Tap  to back to alphabet mode.

## Updating Software

Steps to update software depend on what is being updated in the software.

### ! Software Update Cautions

#### Signal Reception

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

#### Saved Data/Settings

Saved data may be lost depending on condition of handset (malfunctioning, damaged, water exposure, etc.). SoftBank Corp. is not responsible for damages from loss of data. Updating software may revert some settings to their defaults.

#### SIM PIN

If SIM PIN is enabled, a SIM PIN entry window appears after software is updated. Enter SIM PIN.

### Updating Software Automatically

Update software automatically.




When the update is complete, Tap the notification in the Notifications Window and restart handset.

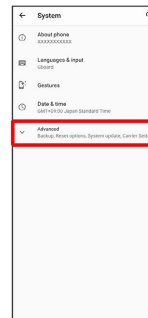
### Updating Software Manually

Tap the software update notification in the Notifications Window and follow onscreen instructions.

Alternatively:

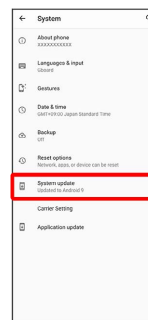
1

In Home Screen,  (Settings)  System  Advanced



2


#### System update



3

Follow onscreen instructions



 Software update starts.

# Handset Interface

- Handset Screens..... 28
- Status Bar..... 29
- Using Notifications Window..... 30
- Using Quick Settings.....31

# Handset Screens

## Layout



Item	Description
1 Status Bar	Drag down for Notifications Window. Drag Notifications Window down to open Quick Settings.
2 Dock	Place shortcuts (applications), folders, etc. Appears even when Home Screen sheets toggled.
3 Navigation Bar	Tap Key icon to operate. For Navigation Bar, see "Navigation Bar."
4 Customize Area	Place application shortcuts, folders, widgets freely.
5 Quick Search Box	Search for applications, contacts, etc., or search  (Google) with entered words and phrases.

## Toggling Home Screen Sheets

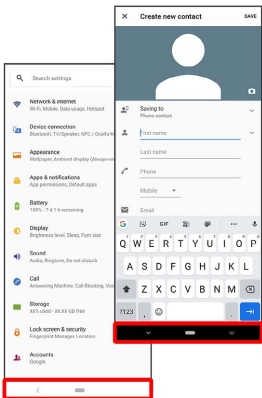
Customize each Home Screen sheet with application shortcuts, widgets, etc. to make handset more convenient. Flick Home Screen left/right to toggle sheets.

· In any Home Screen sheet, Tap to return to Home Screen top sheet.



## Navigation Bar

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



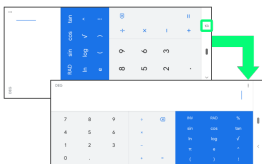
Item	Description
(Back)	Return to previous screen. Appears as <input checked="" type="checkbox"/> for onscreen keyboard; Tap to close keyboard.
(Home)	Tap for Home Screen. Touch & Hold for Google Assistant.
(Keyboard)	Change keyboard.
(To landscape orientation) /  (to portrait orientation)	Appears when handset and screen orientations are different. Tap  for horizontal orientation, and  for vertical orientation.
Navigation Bar	Flick Navigation Bar to right to activate the previously used application. In Home Screen or in any application being used, Flick Navigation Bar up for thumbnails of recently used applications to activate/exit them.

## Portrait Orientation & Landscape Orientation

appears on Navigation Bar when handset is rotated sideways. Tap to change screen to landscape orientation. To change to portrait orientation, rotate handset vertically and Tap .

Set "Auto-rotate screen" to on to change screen to landscape orientation automatically when handset is rotated horizontally. For details on Auto-rotate screen, see "Display Settings."

· Depending on the current screen, the orientation may not change even by changing handset orientation.



# 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
	Missed Call
	Call Arriving/Calling/Dialing
	Call on Hold
	New Recorded Message
	New Voicemail
	New Gmail
	New Email
	New Text Message (SMS) / S! Mail / +Message
	Urgent News, Etc.
	Wi-Fi Open Network Available
	USB Device Connected/Moisture Detected in USB Type-C Port
	Sharing File via Bluetooth®
	Data Uploading
	Data Downloading
	Application Update Available
	Application Installation Complete
	Screenshot Saved
	Viewing TV¹/Scheduled Viewing Started
	Recording TV¹/Scheduled Recording Started
	Linked to Dynamic Vibration
	Playing Back Play Music
	Calendar Event Reminder
	Alarm Sounding/Snoozing/Unchecked Alarm/Next Alarm
	Stopwatch in Use
	Timer in Use
	NFC / Osaifu-Keitai® Locked
	Low Battery Alert (15% or less)
	SD Card Detected/Mounting
	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
	Battery Full (100%)
	Battery Charging
	Battery Low (5% or less)
	Signal Strength
	4G LTE/4G Data in Use <sup>1</sup>
	3G Data in Use
	No Signal
	Airplane Mode
	Wi-Fi Connected
	Wi-Fi Connected without Internet Accessibility, or Unstable Wi-Fi Signal
	Bluetooth® Connected
	Silent Mode (vibrate)
	Silent Mode (no vibrate)
	Do not disturb <sup>2</sup> On
	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.
- 2 For details on Do not disturb, see "[Sound](#)."

Using Notifications Window


Check Notification Indicators and the details in Notifications Window.

Opening Notifications Window


1

Drag Status Bar down

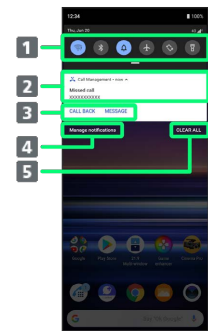


 Notifications Window opens.

+ Closing Notifications Window

Drag Notifications Window up  
• Alternatively, Tap  to close Notifications Window.

Notifications Window Layout



- 1 Show portion of Quick Settings
- 2 Show notifications (incoming calls, etc.) and active functions
- 3 Use notification details<sup>1</sup>
- 4 Manage notifications<sup>2</sup>
- 5 Delete all notifications<sup>3</sup>

- 1 Available applications depend on notification. Example:with call notification, dial/send SMS to phone number that call was from.
- 2 Notification may not be manageable depending on application or function.
- 3 Deletion may not be possible depending on notification details.



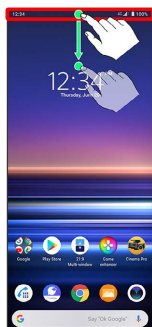
## Using Quick Settings

Drag Notifications Window down to access Quick Settings. Tap icons to toggle functions on/off, etc.

### Opening Quick Settings

1

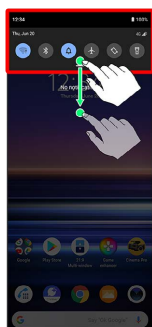
Drag Status Bar down



Notifications Window opens.

2

Drag Notifications Window down



Quick Settings opens.

· Alternatively, Drag Status Bar down using two fingers.

### + Quick Settings

#### Closing Quick Settings

Drag Quick Settings up

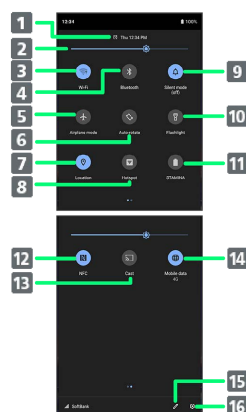
· Alternatively, Tap to close Quick Settings.

#### Arranging Quick Settings

Add, delete, and change order of functions in Quick Settings.

In Quick Settings, Follow onscreen instructions and Drag icon

### Quick Settings Layout



- 1 Show current alarm setting, Silent mode, etc.
- 2 Adjust brightness
- 3 Wi-Fi on/off
- 4 Bluetooth® on/off
- 5 Enter/exit Airplane mode
- 6 Auto-rotate screen on/off
- 7 Location on/off
- 8 Tethering on/off
- 9 Silent mode (vibrate) / Silent mode (no vibrate) / Silent mode (off)
- 10 Flashlight on/off
- 11 STAMINA mode on/off
- 12 NFC / Osaifu-Keitai® on/off
- 13 Show handset screen on Google Cast-capable device
- 14 Set mobile data communication
- 15 Add, delete, and change order of Quick Settings
- 16 Show handset settings



# Phone

- Placing/Answering Calls..... 34
- Optional Services..... 36
- Phone Number..... 42
- Using Contacts..... 43

## Placing/Answering Calls

### Phone Function

#### Emergency Location Report

Making emergency calls (110, 119 or 118) automatically reports handset location to corresponding agency (police, etc.). This system is referred to as Emergency Location Report, and notifies location based on positioning from base stations.

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

#### VoLTE/VoLTE (HD+) and HD Voice

Handset supports VoLTE/VoLTE (HD+) and HD Voice for higher voice call quality.

### 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.

### Emergency Call Cautions

#### Areas Where Usable


Emergency calls from handset can be made only in SoftBank service areas.

#### Airplane Mode

Note that Airplane mode disables Emergency calls.

## Placing Calls

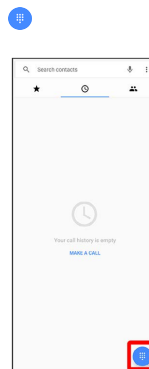
1


In Home Screen,  (Phone)



 Phone opens.

2



 Dialing screen opens.

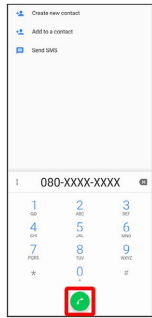
3

Tap dialpad to enter the other party's number



- Enter area code first for calling landline numbers.

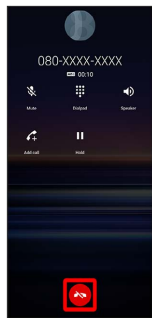
4



Handset dials number. Call begins when other party answers.

5

To end the call,



Call ends.

### Calling the Emergency Number When the Phone's Screen is Locked

Flick Lock Screen → **EMERGENCY** → Enter number for emergency service →

• Available only when screen lock is set to "Pattern," "PIN," or "Password."

### Hints

Q. Call does not connect

- A. Was the number dialed using the area code? Dial the number starting with "0."
- A. Are conditions for calling poor? Call again after moving where signal is good.

## Answering Calls

1

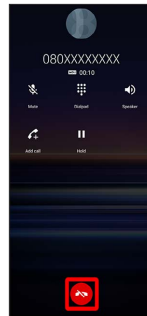
Swipe (Flick) up when call is arriving



Call begins.

2

To end the call,



Call ends.

### Arriving Call Operations

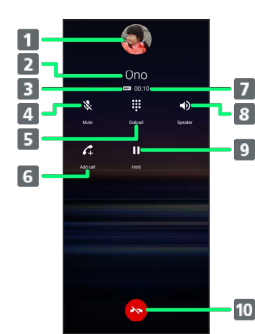
#### Cancelling Ringtone

Press Volume Up/Down Key when call is arriving  
• Alternatively, Press Power Key.

#### Rejecting Arriving Calls

Swipe (Flick) down when call is arriving

In-Call Screen Layout/In-Call Operations



- 1 Show image registered for contact
- 2 Show name/number registered for other party
- 3 Appears for high-quality sound calls <sup>1</sup>
- 4 Mute your voice to the other party
- 5 Show dialing screen and send push signals during call
- 6 Add call
- 7 Show call time
- 8 Call using Speaker/Bluetooth® device
- 9 Place call on hold
- 10 End call

<sup>1</sup> **HD** Appears for calls with HD Voice, and **HD+** for calls with VoLTE (HD+)

Optional Services

Use the following optional services.

Optional Services


Use the following optional services.

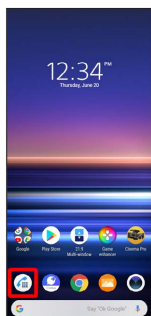
Service	Description
Call Forwarding	Divert calls to a preset number when out of service area or unable to answer.
Voicemail	Divert calls to a Voicemail Center to take messages when out of service area or unable to answer.
Call Waiting <sup>1</sup>	Answer calls during a call.
Group Calling <sup>1</sup>	Merge multiple calls.
Notify Caller ID	Send or hide your number when placing calls.
Call Barring	Restrict incoming/outgoing calls by conditions.

<sup>1</sup> Requires separate subscription.

## Using Call Forwarding

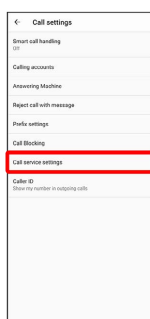
1

In Home Screen,  (Phone)



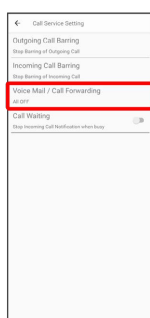
2

   Settings  Calls  Call service settings



3

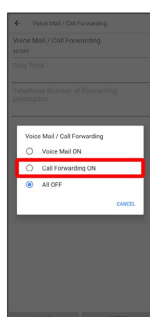
Voice Mail / Call Forwarding



 Voice Mail / Call Forwarding settings open.

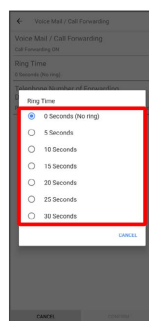
4

Voice Mail / Call Forwarding  Call Forwarding ON





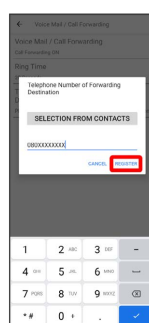
5

Ring Time  Select ring time



6


Telephone Number of Forwarding Destination  Enter  
phone number to forward to  REGISTER



7


CONFIRM



 Call Forwarding is activated.

## Using Voicemail

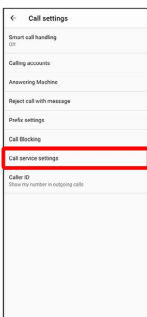
1

In Home Screen,  (Phone)



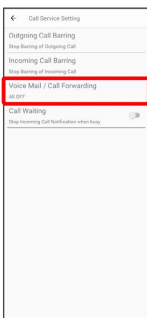
2

 **Settings**  **Calls**  **Call service settings**



3

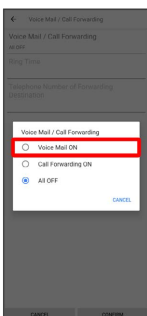
**Voice Mail / Call Forwarding**



 Voice Mail / Call Forwarding settings open.

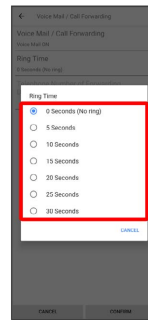
4

**Voice Mail / Call Forwarding**  **Voice Mail ON**



5


**Ring Time**  **Select ring time**




6

**CONFIRM**



 Voicemail is activated.


 appears in Status Bar for new message. Drag Status Bar down and Tap Answering Machine notification, then follow the voice prompts.



## Changing Call Waiting Settings

This service requires subscription.

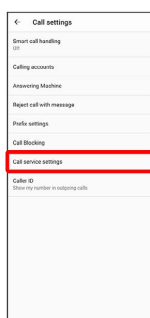
1

In Home Screen,  (Phone)



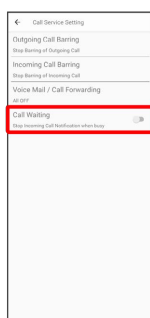
2


  






3

Call Waiting



 Call Waiting setting is changed.

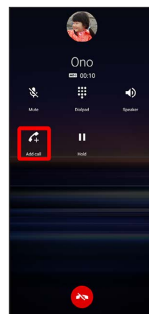
- Tap **Call Waiting** to toggle on (  )/off (  ).
- If Call Waiting is set and a second call arrives during a call, Call Waiting tone is heard. Drag  up to begin call.


## Using Group Calling

This service requires subscription.



1

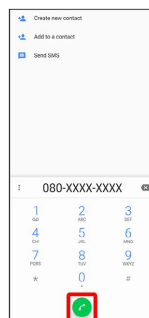
During a call, **Add call**




 Dialing screen opens.

2

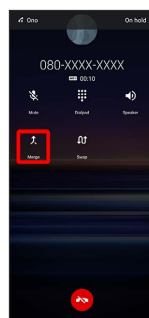
Enter phone number  




 Call is added.

3


When the other party answers, **Merge**



 Group Calling starts.

Using Caller ID Notification

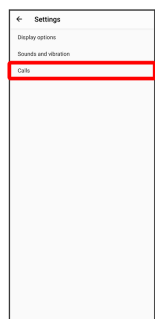
1

In Home Screen,  (Phone)



2

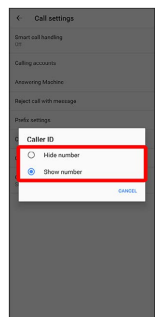
  Settings  Calls




 Call settings open.

3

Caller ID  Hide number / Show number




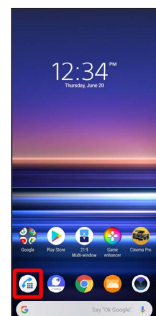
 Caller ID is set.

Using Outgoing Call Barring

Restrict calling/SMS.

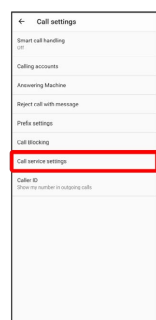
1

In Home Screen,  (Phone)



2

  Settings  Calls  Call service settings



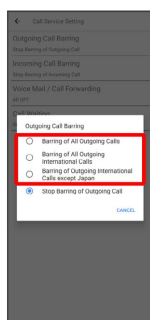
3

Outgoing Call Barring



4

Tap outgoing restriction



Outgoing Call Barring is set.

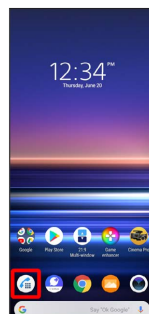
- To disable Outgoing Call Barring, Tap **Stop Barring of Outgoing Call**.

## Using Incoming Call Barring

Restrict incoming calls.

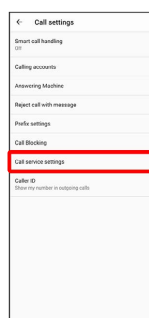
1

In Home Screen, (Phone)



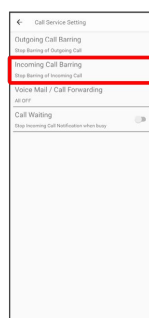
2

Settings → Calls → Call service settings



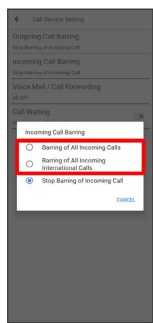
3


Incoming Call Barring



4

Tap incoming restriction





 Incoming Call Barring is set.

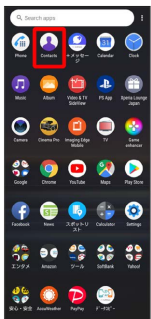
· To disable all Incoming Call Barring, Tap **Stop Barring of Incoming Call** .

# Phone Number

## Checking Your Phone Number

1

In Home Screen, Drag screen up   (Contacts)




2



3

My info



 Check phone number.

## Using Contacts

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

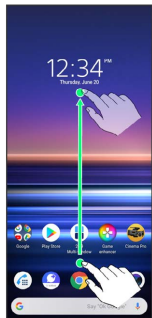
### ! Contacts Cautions

Information saved in Contacts may be lost or changed if Internal Battery is left uncharged for a long period. 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 Corp. is not responsible for any damages from lost or changed contacts.

### Adding New Contacts

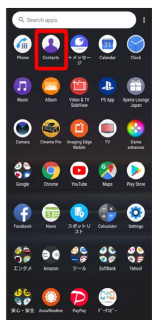
1

In Home Screen, Drag screen up



2

(Contacts)



Contacts appear.

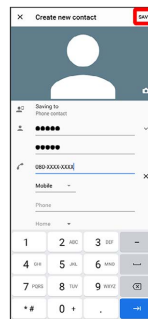
3



If confirmation appears, follow onscreen instructions.

4

Enter items → SAVE



Contact is added.

### + Saving Contacts from Dialing Screen

Save a number entered in dialing screen directly to Contacts.

In Home Screen, (Phone) → Tap dialpad to enter number to save → Create new contact → Enter each item → SAVE



# Messaging

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# Sending Messages (+メッセージ (+Message))

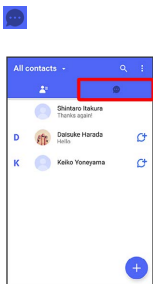
## Sending New Messages

1

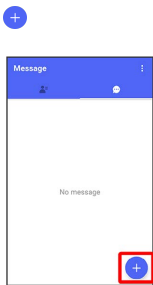
In Home Screen,  (+メッセージ)



2

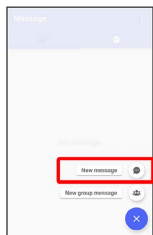


3



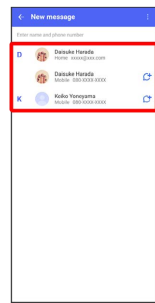
4


New message





5

Tap destination

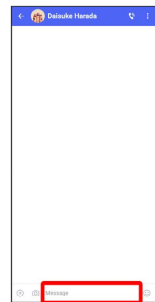


 Message window opens.



- To send to a phone number/email address not saved in contacts, Tap destination entry field at top of Display  Enter phone number/email address  **Add** and create message.

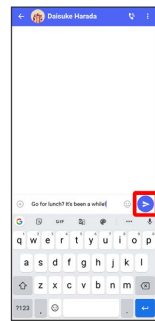
6


Tap message entry field



7

Enter message  



 Message is sent.




## Using Gmail

Use Google's webmail service. Use this service to exchange email.


### Creating/Sending Mail

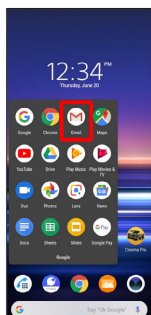
1

In Home Screen,  (Google)



2


 (Gmail)



 Mail list opens.

3




 Mail composition window opens.

4



Enter recipient/subject/mail text  







 Message is sent.

### + Operations when Composing Mail



#### Adding Cc/Bcc

In mail composition window,  for recipient  Enter recipient





#### Attaching Files

In mail composition window,   Attach file   
Select saving location  Select file to attach

#### Saving Mail Being Composed as a Draft (Send Later)

In mail composition window,   Save draft

#### Deleting Mail Being Composed

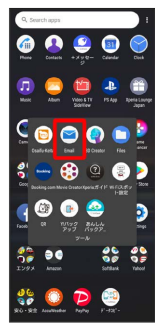
In mail composition window,   Discard   


# Using Email

## Adding Accounts

1

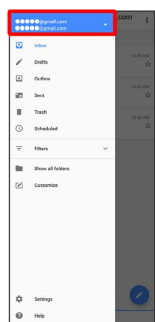
In Home Screen, Drag screen up ➡ (ツール(Tools)) ➡ (Email)



Email list opens.

2

☰ ➡ Tap current account



3

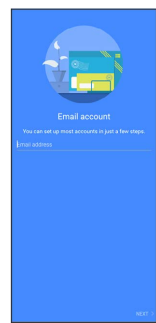
Add account



Account settings open.

4

Follow onscreen instructions



Email account is added.

## + Switching Accounts

In Email list, ☰ ➡ Tap currently set account ➡ Tap account to switch to

# Internet

Using Chrome..... 50

## Using Chrome

Use Chrome simply by entering words to search and URLs.

### TLS


TLS (Transport Layer Security) is a protocol for encrypting sent/received data. While in a screen connected by 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.).

### TLS Cautions


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

## Using Chrome

1

In Home Screen,  (Chrome)



 Chrome opens.



- If confirmation appears, follow onscreen instructions.

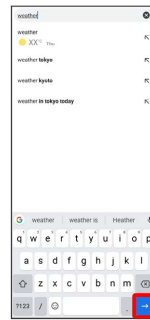
2


Tap entry box at top



3

Enter words to search or URL  




 Search results appear or a Website opens.

### Opening New Tabs


Open several tabs to switch between Websites easily.

In Chrome,   


- To switch between tabs, Tap  next to entry field at top of Display and Tap tab (number in icon indicates opened tabs).

## Adding Bookmarks

1

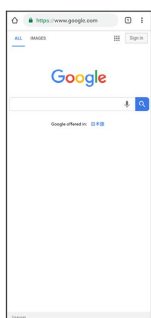
In Home Screen,  (Chrome)



 Chrome opens.

2

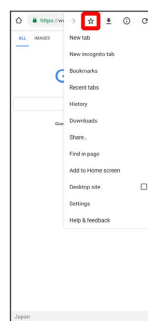
Show Website to add




3








4





 Current Website is added to Bookmarks.



## + Bookmark Operations



### Editing Bookmarks

In Chrome,   Touch & Hold target bookmark   Edit items 

· Alternatively, Tap  of bookmark  Edit .

### Deleting Bookmarks

In Chrome,   Touch & Hold target bookmark 

· Alternatively, Tap  of bookmark  Delete .



# Camera

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Viewing Still Images/Videos (Album).....	55

## Capturing Still Images/Videos

### Capturing Still Images/Videos

#### File Format for Still Images

File format for still images is JPEG.

#### File Format for Videos

File format for videos is MPEG-4.

### Quick-Activating Camera

#### Using Smart Launch


Turning handset sideways and lifting it when Display is off or when Lock Screen appears causes a circle to appear. Tap circle to activate Camera.

Smart Launch responsiveness may be affected in the following instances.

- Walking or moving in a vehicle (acceleration sensor is sensitive to movement)
  - Hand is covering Proximity/Light Sensor
  - Lifting movement is only slight
  - Handset is not held horizontally after being lifted
  - Lifting handset soon after lowering it
- Change Smart Launch setting as needed.

#### Other Ways to Quick-Activate Camera

Alternatively, to quick-activate Camera:

- Press Camera Key for one second or more
- In Lock Screen, Flick 

### Camera Cautions

#### If Lens Becomes Dirty

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

#### Avoid Exposure to Direct Sunlight


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

### Flash/Photo Light Warning

Do not shine Flash/Photo Light close to eyes. Do not look at Flash/Photo Light directly while in use. Do not shine Mobile Light at other people's eyes. May affect eyesight, etc.

## Capturing Still Images

1

In Home Screen,  (Camera)



 Viewfinder appears.

- If confirmation appears, follow onscreen instructions.
- If there is no operation on Viewfinder, Camera operation ends.

2

Swipe (Flick) Viewfinder to switch to "PHOTO" Viewfinder




- Swipe (Flick) up or down in a landscape viewfinder, or left or right in a portrait viewfinder.

3

Aim Camera at subject  Check Viewfinder, then 




 Shutter clicks and still image is saved.




Capturing Videos

1

In Home Screen,  (Camera)



 Viewfinder appears.

- If confirmation appears, follow onscreen instructions.
- If there is no operation on Viewfinder, Camera operation ends.

2

Swipe (Flick) Viewfinder to switch to "VIDEO" Viewfinder






- Swipe (Flick) up or down in a landscape viewfinder, or left or right in a portrait viewfinder.

3

Aim Camera at subject  Check Viewfinder, then 



 Video capturing starts.

- To pause, Tap  or to resume, Tap .

4

To stop recording, 



 Video capturing stops and video is saved.


Viewing 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 (.jpg, .jpeg), GIF (.gif), PNG (.png), BMP (.bmp), WBMP (.wbmp), HEIF (.heic, .heif), WebP (.webp), DNG (.dng), CR2 (.cr2), NEF (.nef), NRW (.nrw), ARW (.arw), RW2 (.rw2), ORF (.orf), RAF (.raf), PEF (.pef), SRW (.srw)
	H.263 (.mp4, .3gp, .3gpp, .3g2, .3gpp2), H.264 (.mp4, .m4v, .3gp, .3gpp, .3g2, .3gpp2, .ts, .mkv), H.265 (.mp4, .mkv), MPEG-2 Video (.ts), MPEG-4 Video (.mp4, .m4v, .3gp, .3gpp, .3g2, .3gpp2), VP8 (.mkv, .webm), VP9 (.mkv, .webm)

1

In Home Screen,  (Album)




 Still image/video list opens.

- If confirmation appears, follow onscreen instructions.

Tap still image/video



Still image/video window opens.

- Tap still image/video window to show captured date & time or option menu icons.
- For video, Tap  and follow onscreen instructions.
- To select other files, in still image/video window, select file again or Flick still image/video window left or right.

### Zooming In or Out Still Image

In still image window, Tap Display twice or Pinch

# Application Basics

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# Applications

## Setting Required Permissions for Applications

Set the operation of applications when activating for the first time.

The type and content of a confirmation differs with the application. Activating 📁 (Album) for the first time is described as an example.

- An application may not function correctly if permission to use it was not set.

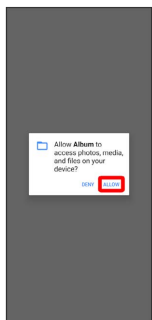
1

In Home Screen, 📁 (Album)



2

ALLOW



🏁 Settings are complete.

- For several functions, continue in the same way.

## 💡 Other Ways to Set Required Permissions for Applications

Setting Functions to Use for Each Application

In Home Screen, ⚙️ (Settings) ➡️ Apps & notifications ➡️ See all XX apps ➡️ Tap application ➡️ Permissions ➡️ Tap function

- Tap function to toggle on (🔵)/off (⚪).

## Setting Applications with Permitted Usage for Each Function

In Home Screen, ⚙️ (Settings) ➡️ Apps & notifications ➡️ Advanced ➡️ App permissions ➡️ Tap function ➡️ Tap application

- Tap application to toggle on (🔵)/off (⚪).

# Adding/Deleting Applications

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 LLC). SoftBank 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

1

In Home Screen, (Play Store)



Google Play appears.

- If confirmation appears, follow onscreen instructions.

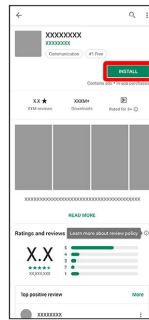
2

Tap free application



3

INSTALL



Application is downloaded and installed.

- If confirmation appears, follow onscreen instructions

## Purchasing Paid Applications

1

In Home Screen,  (Play Store)



 Google Play appears.

· If confirmation appears, follow onscreen instructions.

2

Tap paid application



3

Tap amount



- If confirmation appears, follow onscreen instructions.
- If purchasing for the first time, Tap **CONTINUE** and follow onscreen instructions to add payment method.

4

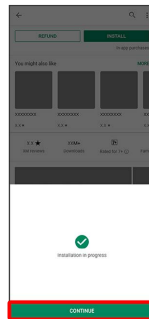
**BUY**




- If confirmation appears, follow onscreen instructions.

5

**CONTINUE**



 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.

In Google Play,   **My apps & games**   
**INSTALLED**  Tap application  **REFUND**  **YES**



### Purchasing Applications

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

## Updating Applications

1

In Home Screen,  (Play Store)



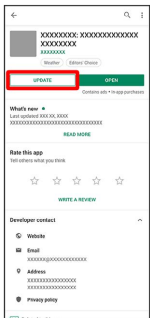
 Google Play appears.


- If confirmation appears, follow onscreen instructions.

2

≡  My apps & games  Tap application to update 

UPDATE




 Application is updated.

- If confirmation appears, follow onscreen instructions.







## + Setting Application Updates

### Setting Automatic Updates for Applications

In Google Play, ≡  Settings  Auto-update apps

 Set update method

### Setting Automatic Updates for Individual Applications

In Google Play, ≡  My apps & games  Tap application    Enable auto update (  )

- Automatic updates are unavailable for some applications.





Wi-Fi/Bluetooth®

Connecting by Wi-Fi.....64

Using Bluetooth® Function..... 65

## Connecting by Wi-Fi


Handset supports Wi-Fi (wireless LAN). Access the Internet via a household Wi-Fi connection environment.

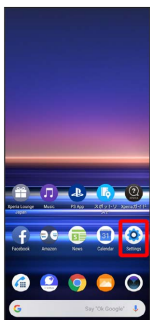
### Automatic Updates for Optimizing Wi-Fi Connection

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

## Selecting a Network Connection

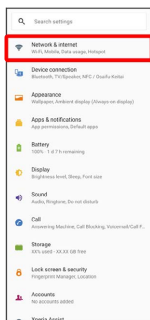
1

In Home Screen,  (Settings)



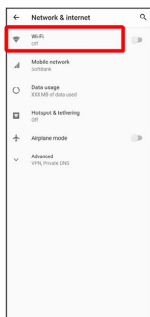
2


Network & internet



3

Wi-Fi






 Wi-Fi settings open.

4

Use Wi-Fi (  )



 Wi-Fi is enabled.

- Wi-Fi networks are scanned. Available networks appear after scanning.
- Tap **Use Wi-Fi** to toggle on (  )/off (  ).

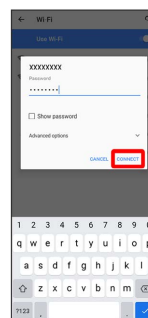
5


Tap Wi-Fi network



6

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.

## 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® turns off in Airplane mode. Turn on Bluetooth® enable in Airplane mode.

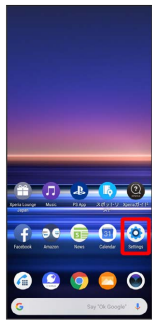
### Bluetooth® Function Cautions

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

## Enabling Bluetooth® Function

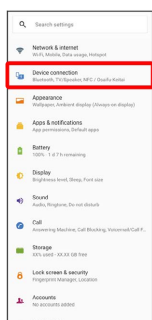
1


In Home Screen,  (Settings)



2

### Device connection



 Screen for connecting device opens.

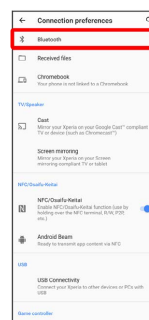
3


### Connection preferences




4

### Bluetooth





 Bluetooth® settings open.

5

Off (  )



 Bluetooth® function is enabled.

• To disable Bluetooth® function, Tap **On** (  ).



# Handset Settings

- Handset Settings.....68
- Data Usage Settings.....69
- Battery Settings.....70
- Display Settings.....70
- Sound Settings.....71
- Lock Screen & Security Settings.....71
- System Settings.....73
- Other Settings.....74

# Handset Settings


Main setting options are described.  
Shown items and their arrangement may differ depending on current settings, etc.

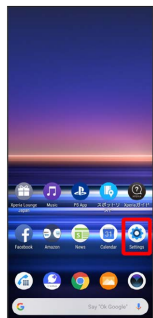
## Handset Settings


Customize operation of handset functions. Handset settings include the following items.

Item	Description
Network & internet	Make network and Internet settings for Wi-Fi, mobile networks, data usage, etc.
Device connection	Make connection settings to other devices, such as Bluetooth® connection and NFC / Osaifu-Keitai® settings.
Appearance	Set Wallpaper, Ambient display, etc.
Apps & notifications	Make application and notification settings.
Battery	Check Battery usage and make settings to save battery power.
Display	Set screen brightness, font size, etc.
Sound	Set ringtone, touch sounds, etc.
Call	Set network services such as Voicemail, Call Forwarding, and Answering Machine.
Storage	Check internal and SD Card storage, mount SD Card, and delete SD Card data.
Lock screen & security	Set screen lock, SIM Card lock, etc.
Accounts	Create accounts as well as add, sync, etc.
Xperia Assist	View function settings and tips.
Accessibility	Set captions, magnification gestures, and other useful accessibility functions.
Google	Set for Google services.
System	Check and make settings for language, text entry, date and time, data backup, default reset, handset information, etc.

1

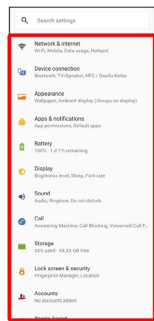
In Home Screen,  (Settings)




 Handset settings open.

2

Select item to set



 Settings open.

## Data Usage Settings

Check mobile data traffic and set limit.

### + Data Usage Operations

#### Setting Data Saver

In Home Screen, (Settings) → Network & internet  
→ Data usage → Data Saver → Use Data Saver  
· Tap Use Data Saver to toggle on ( )/off ( ).

#### Setting Applications Not Subject to Data Saver

In Home Screen, (Settings) → Network & internet  
→ Data usage → Data Saver → Unrestricted data  
→ Tap application not to be subject  
· Tap application to toggle on ( )/off ( ).

#### Enabling Mobile Data

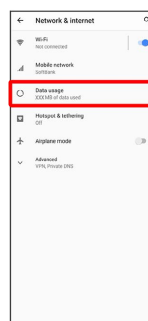
In Home Screen, (Settings) → Network & internet  
→ Data usage → Mobile data  
· Tap Mobile data to toggle on ( )/off ( ).  
· If confirmation appears, follow onscreen instructions.

#### Viewing Data Usage with Wi-Fi

In Home Screen, (Settings) → Network & internet  
→ Data usage → Wi-Fi data usage

2

### Data usage

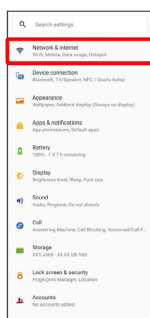


🚩 Data usage window opens.

## Data Usage Settings

1

In Home Screen, (Settings) → Network & internet



# Battery Settings

Check Battery usage and make settings to save battery power.

## Battery Settings

Items that can be checked/set are the following.


Item	Description
Battery level and estimated battery time	Check Battery and time remaining (based on current usage).
STAMINA mode	Enable reduced battery consumption by limiting screen rendering speed, vibration, GPS, etc.
Emergency mode	Set handset to reduce power consumption by limiting handset functions when in an emergency situation. After placing handset in/exiting Emergency mode, reset widgets in Home Screen as needed.
Battery Care	Keep Battery better and longer performing. Set handset to learn charging habits (long time periods where connected to charging equipment) and adjust charging speed.
Advanced	<ul style="list-style-type: none"><li>· Battery percentage</li></ul> Enable battery level to be shown in Status Bar. <ul style="list-style-type: none"><li>· Adaptive Battery</li></ul> Enable auto-adjusting battery function. <ul style="list-style-type: none"><li>· Last full charge</li></ul> Check time elapsed since last full charge. <ul style="list-style-type: none"><li>· Screen usage since full charge</li></ul> Check Battery usage by screen since a full charge. <ul style="list-style-type: none"><li>· Use since last full charge</li></ul> Check Battery usage since last full charge.

# Display Settings

Set screen brightness, font size, etc.

## Display Settings

Settings can be made for the following items.

Item	Description
Image quality settings	Make settings for color, contrast, and high-quality processing when playing back videos.
White balance	Set white balance.
Brightness level	Set brightness of Display.
Adaptive brightness	Enable adjustment of brightness for surroundings.
Sleep	Set a period of inactivity after which Display turns off automatically.
Change font	Change type of font for Display.
Font size	Set size of font for Display.
Display size	Set the size of images, icons, etc. in Display.
Auto-rotate screen	Set whether to rotate Display with handset orientation automatically. <ul style="list-style-type: none"><li>· Side sense</li></ul> Set Side sense. <ul style="list-style-type: none"><li>· One-handed mode</li></ul> Double-Tap  then set smaller screen area. <ul style="list-style-type: none"><li>· Cover selection</li></ul> Brighten or darken Display depending on cover on handset. <ul style="list-style-type: none"><li>· Smart backlight control</li></ul> Set backlight to remain on even without any touch operation while holding handset.
Advanced	<ul style="list-style-type: none"><li>· Night Light</li></ul> Set a night light. <ul style="list-style-type: none"><li>· Prevent accidental operations with screen off</li></ul> Enable handset to prevent misoperation when in a pocket or bag. <ul style="list-style-type: none"><li>· Screen saver</li></ul> Set screensaver. <ul style="list-style-type: none"><li>· Device theme</li></ul> Set handset theme.




## Sound Settings

Set ringtone, touch sounds, etc.

### Sound





Settings can be made for the following items.







Item	Description
Audio settings	Set for sound.
Media volume	Adjust media volume.
	Add vibration when playing back movies, videos, and music for an enhanced experience.
Dynamic Vibration	During playback with a supporting application, Press Volume Key for volume adjust bar to adjust vibration. Muting media volume also turns Dynamic Vibration off.
In-call volume	Adjust call volume.
Ring and notification volume	Adjust ring volume and notification sound.
Alarm volume	Adjust alarm volume.
Also vibrate for calls	Enable vibration for ringtone.
Do not disturb	Set notification restrictions on/off. When restrictions are set on, make ringtone, vibration, and activation settings.
Phone ringtone	Set phone ringtone.
Notification sound	Set notification sound.
Default alarm ringtone	Set alarm ringtone.
	<ul style="list-style-type: none"> <li>Dialpad tones</li> </ul> Enable confirmation tones when Dialpad Tapped. <ul style="list-style-type: none"> <li>Screen locking sounds</li> </ul> Enable tone when locking or unlocking screen.
Advanced	<ul style="list-style-type: none"> <li>Charging sounds</li> </ul> Enable tone when charging starts. <ul style="list-style-type: none"> <li>Touch sounds</li> </ul> Enable tones for touch operation. <ul style="list-style-type: none"> <li>Touch vibration</li> </ul> Enable vibration for  (home), keyboard operation, etc.

## Lock Screen & Security Settings

Set screen lock, SIM Card lock, etc.

### + Setting Screen Not to Lock

In Home Screen,  (Settings)  Lock screen & security  Screen lock  None

· If method for unlocking screen is setting other than  None or  Swipe before changing setting, first Tap  Screen lock and unlock screen, or  None then  YES,  REMOVE.

### Lock Screen & Security Settings

Settings can be made for the following items.

Item	Description
Google Play Protect <sup>1</sup>	Enable regular scanning of handset to check for security threats.
Find My Device <sup>1</sup>	Set Find My Device on/off and check method for finding handset.
Security update <sup>1</sup>	Check for system updates.
Screen lock	Set method for unlocking screen.
Fingerprint Manager	Set fingerprints.
Smart Lock	Enable handset either to check for trusted place, device, voice, or face to detect that it is being carried and unlock screen, when screen unlock method is "Pattern", "PIN", or "Password."
NFC/Osaifu-Keitai lock setting	Make settings for NFC/Osaifu-Keitai® lock.
Lock screen preferences	Make settings for Ambient display, messages, and notifications in Lock Screen.
Location	Enable location information.

Advanced

- Show passwords
- Enable entered characters to be visible before changing to "●" in text entry window for SIM PIN / screen lock PIN / password.
- Device admin apps
- Enable/disable applications managing handset.
- SIM card lock
- Make settings for SIM Card lock.
- Encryption & credentials
- Make settings for encryption and credentials.
- Trust agents
- Enable/disable Trust agents.
- Screen pinning
- Set to keep only screen of specified application in view. When set to ON, pinned screen cannot be moved.

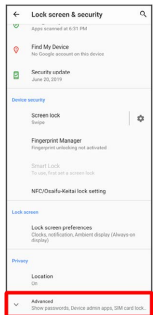
1 Screen view may differ depending on usage.

## Enabling SIM PIN

When PIN is enabled, a window for entering PIN appears to allow handset use each time handset is powered on with SIM Card installed.

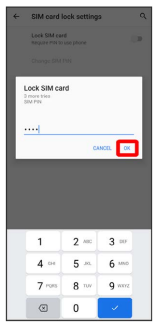
1


In Home Screen, (Settings) → Lock screen & security → Advanced



2

SIM card lock → Lock SIM card → Enter PIN → OK ( )



 PIN is enabled.

## ! PIN Cautions

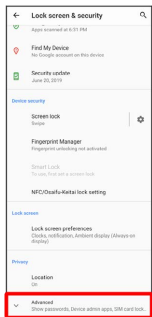
Entering incorrect PIN three consecutive times activates PIN Lock. To cancel, Personal Unblocking Key (PUK) is required; contact [Customer Service](#). Entering incorrect PUK ten consecutive times locks SIM Card, disabling handset. For recovery, SIM Card must be reissued at a SoftBank Shop (fees apply).

### Changing SIM PIN

First enable SIM PIN to change PIN.

1


In Home Screen, (Settings) → Lock screen & security → Advanced



2

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



 PIN is changed.


### System Settings

Check and make settings for handset information, language, text entry, date and time, data backup, default reset, etc.

#### + Languages & Input Operations

##### Setting Handset Language

In Home Screen, (Settings) → System → Languages & input → Languages → Add a language → Tap language → Tap region

- Language appearing at top is used.
- Drag  to change order of languages.

##### Setting Keyboard/Voice Input

In Home Screen, (Settings) → System → Languages & input → On-screen keyboard → Tap keyboard/voice input method → Tap item → Follow onscreen instructions

### System Settings

Settings can be made for the following items.

Item	Description
About phone	Check handset status, legal information, Android version, etc., and store emergency information.
Languages & input	Make settings for handset language and text entry.
Gestures	Make handset operation settings, such as Side sense and Power Key option.
Date & time	Make settings for date and time.
Advanced	<ul style="list-style-type: none"><li>· Backup</li><li>Make settings for data backup functions.</li><li>· Reset options</li><li>Reset settings and initialize data.</li><li>· System update</li><li>Check for updates. For details, see <a href="#">"Updating Software."</a></li><li>· Carrier Setting</li><li>Set a cellular provider.</li><li>· Application update</li><li>Check if applications provided by Sony Mobile Communications are the latest.</li></ul>

# Other Settings

## Network & Internet Settings

Make settings for Wi-Fi, mobile networks, data usage, etc. Settings can be made for the following items.

Item	Description
Wi-Fi	Enable Wi-Fi connection. For details, see " <a href="#">Connecting by Wi-Fi.</a> "
Mobile network	Set a network type, etc.
Data usage	Check mobile data traffic and set limit.
Hotspot & tethering	Use handset as Wi-Fi router to access Internet from a PC, game console, etc.
Airplane mode	Disable all functions that emit signals. Handset stays powered on.
Advanced	<div>· VPN Add a VPN.</div> <div>· Private DNS Make private DNS settings.</div>

## Device Connection Settings

Make connection settings to other devices, such as Bluetooth® connection and NFC/Osaifu-Keitai® settings. For details on Bluetooth® connection, see "[Enabling Bluetooth® Function.](#)" Settings can be made for the following items.

Item	Description
Currently connected	Devices connected by Bluetooth® and USB appear. Tap to make Bluetooth® device settings and USB connection settings.
Pair new device	Search for and pair nearby Bluetooth® devices.
Previously connected devices	Paired devices appear. <div>· Bluetooth Set Bluetooth® connection.</div> <div>· Received files View history of files received by Bluetooth® connection.</div> <div>· Chromebook Make Chromebook settings.</div> <div>· Cast View handset screen on Google Cast™-capable device.</div> <div>· Screen mirroring View handset screen on Screen mirroring-capable device.</div>
Connection preferences	<div>· NFC/Osaifu-Keitai Make settings for NFC/Osaifu-Keitai®.</div> <div>· Android Beam Set Android Beam on/off</div> <div>· USB Connectivity Enable software install wizard to appear when connected to a computer.</div> <div>· DUALSHOCK™ 4 Set handset to be controllable by wireless controller (DUALSHOCK™ 4).</div> <div>· Printing Set printing from handset to be possible with a printer.</div>

## Appearance Settings

Set Wallpaper, Ambient display, etc. Settings can be made for the following items.

Item	Description
Wallpaper	Set wallpaper.
Xperia Loops	Enable handset to indicate when it is charging, screen is unlocked using fingerprint authentication, etc., with animation.
Ambient display (Always-on display)	Make Ambient display settings.
Clocks	Change type of clock in Lock Screen.

## Application & Notifications Settings

Make application and notification settings. Settings can be made for the following items.

Item	Description
Recently opened apps	Recently opened applications appear.
See all XX apps	Check and make settings for installed applications.
Configure notifications	Make notification settings.
Default apps	Set applications that launch as standard applications.
Advanced	<ul style="list-style-type: none"> <li>App permissions</li> </ul> Set permissions required by applications. For details, see " <a href="#">Setting Required Permissions for Applications.</a> "
	<ul style="list-style-type: none"> <li>Emergency alerts</li> </ul> Make settings for emergency alerts.
	<ul style="list-style-type: none"> <li>Special app access</li> </ul> Make settings for special access.

## Call Settings

Set network services such as Voicemail, Call Forwarding, and Answering Machine. Settings can be made for the following items.

Item	Description
Smart call handling	Enable answering, call rejection, and ringtone muting without touching Display.
Calling accounts	Set account to use for IP calls.
Answering Machine	Set answering machine.
Reject call with message	Edit an answer message for when unable to answer a call.
Prefix settings	Save prefix numbers to add to phone numbers when dialing.
Call Blocking	Set incoming call rejection. <ul style="list-style-type: none"> <li>Outgoing Call Barring</li> </ul> Restrict outgoing calls/SMS. For details, see " <a href="#">Using Outgoing Call Barring.</a> " <ul style="list-style-type: none"> <li>Incoming Call Barring</li> </ul> Restrict incoming calls. For details, see " <a href="#">Using Incoming Call Barring.</a> "
Call service settings	<ul style="list-style-type: none"> <li>Voice Mail / Call Forwarding</li> </ul> Set Voice Mail / Call Forwarding and how they operate. For details, see " <a href="#">Using Voicemail,</a> " " <a href="#">Using Call Forwarding.</a> " <ul style="list-style-type: none"> <li>Call Waiting</li> </ul> Set Call Waiting. For details, see " <a href="#">Changing Call Waiting Settings.</a> "
Caller ID	Enable number to be shown when dialing. For details, see " <a href="#">Using Caller ID Notification.</a> "

## Storage Settings

Check internal and SD Card storage, mount SD Card, and delete SD Card data. Settings can be made for the following items.

Item	Description
Device storage	Check total space/free space on handset.
Internal shared storage	Set internal shared storage, or check saved files.
Portable storage	Set SD Card/USB storage, or check total space/free space on handset.

## Account Settings

Create accounts as well as add, sync, etc. Settings can be made for the following items.

Item	Description
Add account	Create and add accounts.
Automatically sync data	Enable automatic updating of data for applications.




## Xperia Assist Settings

View function settings and descriptions. Items that can be set/checked are the following.

Item	Description
Xperia 使い こなしガイ ド (Xperia tsukaikonashi guide)	Show Xperia使いこなしガイド Website (Japanese) and get the most out of handset.
STAMINA mode	Set power saving items and check battery usage.
Battery Care	Make settings for Battery Care.
Smart cleaner	Enable optimized storage and memory.
Xperia Lounge Japan	Activate Xperia Lounge Japan application.
サポート (support)	Access Sony Mobile Communications support site (Japanese).

## Accessibility Settings

Set captions, magnification gestures, and other useful accessibility functions. Settings can be made for the following items.

Item	Description
Volume key shortcut	Set accessibility function to activate by Long Pressing Volume Up/Down Key at the same time for three seconds or more.
Internet SagiWall	Enable Internet SagiWall.
Select to Speak	Enable Tapped items on Display to be read out.
TalkBack <sup>1</sup>	Set accessibility service (TalkBack) to read out screen information.
Text-to-speech output <sup>1</sup>	Set engine for text readout, as well as change readout speed and play sample.
Font size	Set the size of text appearing in Display.
Display size	Set the size of images and icons appearing in Display.
Magnification	Set screen to be enlargeable.
Color correction	Compensate colors when red and green are hard to distinguish.
Color inversion	Enable inverted screen colors.
Large mouse pointer	Enable a large pointer when using a mouse.
Remove animations	Remove animation effect when Tapping on (  )/off (  ) icon and when screen changes.
Accessibility Menu	Enable use of large menu by Tapping  in Navigation Bar.
Switch Access	Enable handset functions to be assigned to keys.
Click after mouse pointer stops moving	Set handset to click screen where pointer stops moving when using a mouse.
Power button ends call <sup>2</sup>	Enable end of call by Pressing Power Key during call.
Auto-rotate screen	Enable automatic rotation of Display.
Touch & hold delay	Set detection time for Touch & Hold on Display.
Vibration	Set handset to vibrate for ringtone, notifications, and touch operation.
Mono audio	Enable monaural audio playback.
Captions	Enable captions, as well as caption language, size, etc.
High contrast text <sup>3</sup>	Set text color to be contrastive to background color.

<sup>1</sup> Readout is in "Language" set in "Text-to-speech output."

<sup>2</sup> When enabled and Display has gone out during a call, first Press Power Key or Volume Up/Down Key to turn Display on, then Press Power Key to end call.

3 Experimental feature; may not work optimally.

## Google Settings

Make settings for Google services together at the same time. Settings can be made for the following items.

Item	Description
Google Account	Set a Google account.
Ads	Make settings for your advertising ID.
Android Auto	Install Android Auto.
App preview messages	Configure messages to be exchangeable between handsets using differing applications.
Backup	Make backup settings.
Cast media controls	Enable control directly from Notifications Window when playing media on TV or speaker with Chromecast on same Wi-Fi network.
Chromebook	Connect handset to Chromebook.
Connected apps	Make settings for applications already connected to a Google account.
Data management	Make file update settings for applications compatible with Google Drive.
Device phone number	Set a phone number to use when resetting a Google account.
Devices	Make notification settings for a device near handset.
Google Fit	Manage Google Fit application data.
Google Pay	Install Google Pay.
Google Play Instant	Make settings for Google Play Instant.
Location	Make settings for location information.
Nearby	Enable Nearby for sharing people and places around you and information.
On-device sharing	Let Google applications use on-device data shared by these applications.
Restore contacts	Restore backed up contacts.
Search, Assistant & Voice	Make settings for searching, Google Assistant, voice search, etc.
Security	Make security settings in case of handset loss.
Set up nearby device	Make settings for a device near handset.
Set up your work profile	Make work profile settings.
Smart Lock for Passwords	Enable this and save passwords for logging in to several devices.





# Global Services

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## Global Roaming

Handset is Global Roaming Service eligible. Use the same handset number outside Japan.

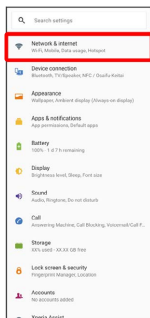
Handset connects to an appropriate cellular provider automatically by default. A specific carrier can also be selected manually.

Change communications method and roaming settings as needed.

### Setting the Carrier

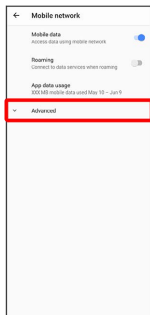
1

In Home Screen, (Settings) → Network & internet



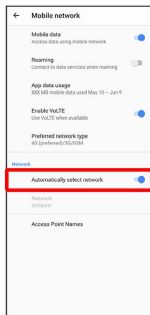
2

Mobile network → Advanced



3

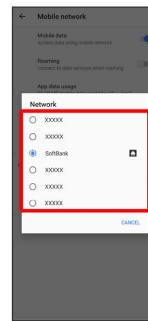
Automatically select network ( )



· Disable ( ) to search for available networks.

4

Tap network to connect to

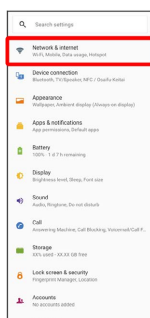


The selected carrier is set.

## Changing Roaming Setting

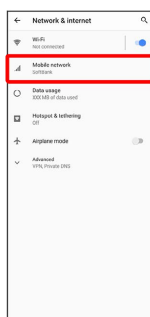
1

In Home Screen, (Settings) → Network & internet



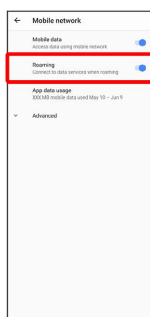
2

Mobile network



3

Roaming ( )



Roaming is disabled.

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

## Making Calls while Abroad

See SoftBank Website to learn about roaming areas/services, etc.

<https://www.softbank.jp/en/mobile/service/global/>

### International Calls to Japan and Other Countries from Abroad

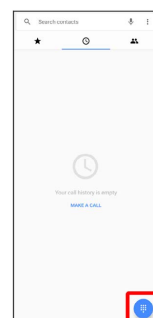
1

In Home Screen, (Phone)



Phone opens.

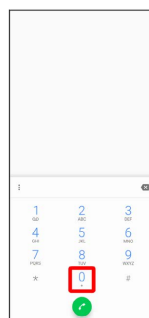
2



Dialing screen opens.

3

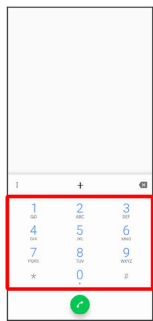
Touch & Hold 0



"+" is entered.

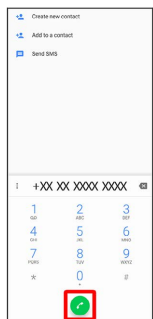
4

Enter country code then other party number (omit first 0)



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

5



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.

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

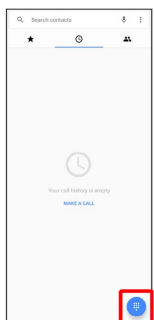
1

In Home Screen, (Phone)



Phone opens.

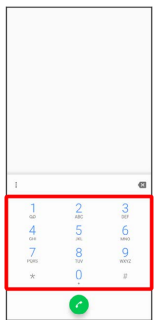
2



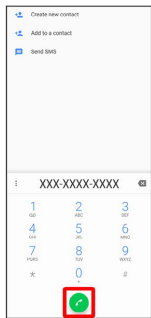
Dialing screen opens.


3

Tap dialpad to enter the other party's number



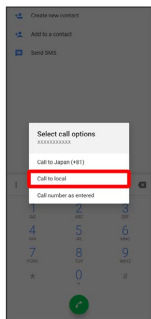
4




 Call option selection opens.

5

Call to local



 Handset dials number. Call begins when other party answers.



Warranty/Specifications/  
Customer Service

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## Warranty & After-Sales Service

### Warranty

- The warranty period is 1 year from the date of newly purchase.
- Repairs will be done based on terms of free repair service. Terms of free repair service is referred to SoftBank website. <https://cdn.softbank.jp/mobile/set/common/pdf/legal/spguide/common/warranty.pdf> (Japanese)
- Warranty covers only handset. Accessories such as cables are not covered by terms of free repair service.

### ! Cautions

#### Damages

SoftBank Corp. is not responsible for any damages for user or third party resulting from lost opportunities to make a call, etc. due to breakage, malfunction, or trouble of product.

#### Accidents/Repair

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

#### Disassembly/Modification

Disassembly/modification of handset is prohibited under the Radio Law. Note that handset cannot be accepted for repairs if modified.

### After-Sales Service

To request repairs, contact [Customer Service](#) or a nearby SoftBank Shop. Have details of symptoms ready.

- During the warranty period, repairs are made under the terms of free repair service.
- After the warranty period, if handset can be repaired, repairs will be made at cost. The functional parts necessary to repair the handset will be available for 3 years generally after the manufacture is discontinued. Repair may not be possible because of a shortage of repair parts even during the warranty period.

### 💡 Further inquiries

For more information on after-sales service, contact a nearby SoftBank Shop or [Customer Service](#).

## Specifications

### Handset

Item	Description
Dimensions (W x H x D)	Approx. 72 × 167 × 8.2 mm
Weight	Approx. 178 g
Continuous Talk Time	3G: Approx. 1830 minutes GSM: Approx. 640 minutes 4G (LTE): Approx. 1660 minutes
Continuous Standby Time	3G: Approx. 490 hours GSM: Approx. 475 hours 4G (AXGP): Approx. 445 hours 4G (FDD-LTE): Approx. 460 hours
Charging Time	Approx. 130 minutes AC Charger (USB Type-C™ rapid charging AC Charger with USB PD capability [ZSDBAS] (SB-AC20-TCPD)) <sup>1</sup>
One Seg Viewing Time	Approx. 8.9 hours
Full Seg Viewing Time	Approx. 9.6 hours

<sup>1</sup> For details on compatible chargers, see SoftBank Website.

### USB Type-C to 3.5 mm Adapter (with TV Antenna) (SODAJ1)

Item	Description
Dimensions (Length)	Approx. 117 mm
Weight	Approx. 5 g



## 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
- Business hours : 9:00am - 8:00pm

### Smartphone Technical Support Center

- From a SoftBank handset, dial toll free at 151
- From a landline/IP phone, dial toll free at 0800-1700-151
- Business hours : Weekdays 9:00am - 7:00pm / Sat., Sun. and holidays 9:00am - 5:00pm



## Safety Precautions




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# Safety Precautions

Read safety precautions before using handset.  
Observe precautions to avoid injury to self or others, or damage to property.







## Safety Precautions

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

Mark	Descriptions
 <b>DANGER</b>	Great risk of death or serious injury <sup>1</sup> from improper use
 <b>WARNING</b>	Risk of death or serious injury <sup>1</sup> from improper use
 <b>CAUTION</b>	Risk of minor injury <sup>2</sup> or damage to property <sup>3</sup> 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, USB Type-C to 3.5 mm Adapter, Desktop Holder (Optional Accessory), AC Charger (Commercially Available)

## DANGER

 Prohibited


Do not use, store, leave in a high temperature or heat accumulating place (e.g. near fire or heater appliances, under kotatsu or bedding, in direct sunlight, inside a sun-heated car, etc.)

May cause fire, burns, injury, electric shock, etc.

 Prohibited

Do not put in or place nearby cooking appliances such as a microwave oven, or IH cooking heater, or high-pressure container such as pressure cooker.


May cause fire, burns, injury, electric shock, etc.

 Prohibited

Do not allow sand, soil, or mud to contact, or do not place directly on sand, soil, or mud. Do not touch with soiled hands.

May cause fire, burns, injury, electric shock, etc.

For water resistance/dustproofing, see "[Water Resistance/Dustproofing](#)."

 Prohibited

Do not charge when handset or related accessory is wet with liquids such as water (drinking water, sweat, sea water, urine of pets, etc.) Do not charge where handset can come in contact with water.

May cause fire, burns, injury, electric shock, etc.

For water resistance, see "[Water Resistance/Dustproofing](#)."



Prohibited

Do not subject handset to excessive force or break it. Especially when carrying it in your pocket, do not hit it or press it between other objects.

Internal Battery breakage may cause fire, burns, injury, etc.

\* Take additional care in instances such as the following:

- Sitting or squatting with the product in your pants or skirt pocket
- The product becoming caught in a sliding door or vehicle door when in a jacket pocket
- Stepping on the product when it is on something soft such as a sofa, bed, or futon or on the floor



Do Not Disassemble

Do not disassemble, modify, or solder.

May cause fire, burns, injury, electric shock, etc.



Prohibited

Do not try to remove Internal Battery.

May cause fire, burns, injury, etc.



Prohibited

Do not try to remove Back Cover from handset.

May cause fire, burns, injury, etc.



Avoid Liquids Or Moisture

Do not allow handset or related accessory to get wet with liquids such as water (drinking water, sweat, sea water, urine of pets, etc.)

May cause fire, burns, injury, electric shock, etc.

For water resistance, see "[Water Resistance/Dustproofing](#)."



Avoid Liquids Or Moisture

Do not allow liquids such as water (drinking water, sweat, seawater, urine of pets) to come into Charging Terminals or External Device Port.

May cause fire, burns, injury, electric shock, etc.

For water resistance, see "[Water Resistance/Dustproofing](#)."



Compulsory

Use optional accessories specified by SoftBank.

Using unspecified accessories may cause fire, burns, injury, electric shock, etc.

## WARNING



Prohibited

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

May cause fire, burns, injury, electric shock, etc.



Prohibited

Do not allow Charging Terminals or External Device Port to contact conductive materials (metal parts, pencil leads, etc.), or do not allow dust to enter inside.

May cause fire, burns, injury, electric shock, etc.



Prohibited

Do not cover or wrap with bedding or other cloths while using or charging.

May cause fire, burns, etc.



Compulsory

Stop charging if not complete when the prescribed charging time has passed.

Overcharge may occur resulting in fire, burns, injury, etc.



Compulsory

Always turn off handset before entering a place where flammable gas may be present, or a place where dusts are generated. Stop charging handset if charging it.

Ignition of flammable gas may cause explosion, fire, etc.



Compulsory

Follow the instructions of a gas station or other such location before using handset there.

Do not charge handset at a gas station, etc.

Take care not to drop handset at a gas station, etc.; in particular, do not use handset while filling.

Ignition of flammable gas may cause explosion, fire, etc.



Compulsory

Take the following actions in case of abnormal smell, noise, smoke, heat generation, discoloring or deformation while using, charging, or storing.

-Disconnect the power plug from an outlet

-Power off handset

Continued use may cause fire, burns, injury, electric shock, etc.

## ⚠ CAUTION



Prohibited

Do not use damaged handsets or related accessories.

May cause fire, burns, injury, etc.



Prohibited

Do not place handset on unstable/uneven surfaces. Be extra careful while the vibrator is set.

Handset may drop and cause injury.



Prohibited

Do not use or store handset and related accessories in humid, dusty, or high-temperature places.

May cause fire, burns, electric shock, etc.

For water resistance, see "[Water Resistance/Dustproofing](#)."



Prohibited

Do not allow children to use handset or related accessories in the wrong way. Guardians should supervise use by children.

May cause injury, etc.



Prohibited

Do not place handset and related accessories within an infant's reach.

In particular, be careful where small parts are stored, such as SIM Card/SD Card Tray.

May cause accidental swallowing, injury, electric shock, etc.



Compulsory

If skin abnormalities develop, immediately stop using handset and consult a doctor.

Continuing its use may cause itching, rashes, eczema, or other symptoms depending on the user's physical condition. For the material of each parts, see "[Material List](#)."



Compulsory

Handset temperature may become high when used continuously or while charging. Avoid continued contact with handset for a long time involuntarily such as by placing handset in clothes pocket, falling asleep, etc.

While using apps, calling, transmitting data, watching TV or videos, or charging Internal Battery, the temperature of handset or AC Charger (commercially available) may become high. Continued contact with a high-temperature area may cause redness, itching, rash of skin, or low-temperature burns depending on the user's physical condition.

## Handset

### DANGER



Prohibited

Do not throw handset into a fire or apply heat.  
May cause fire, burns, injury, etc.



Prohibited

Do not penetrate with a sharp object (nail), hit with a hard objects (hammer), stomp, or otherwise subject handset to strong force.

May cause fire, burns, injury, etc.



Compulsory

If the internal substance of handset gets into your eyes, mouth, etc., immediately rinse with clean water and consult a doctor.

May cause loss of sight, medical problem, etc.

### WARNING



Prohibited

Do not light up or flash the light with the light-emitting part close to other people's eyes.

Keep away from infants.

May harm eyesight. Flash may impair vision or frighten others causing accidents such as injury.



Prohibited

Do not light up or flash the light toward a driver of a car.

May hinder driving and cause accidents, etc.



Prohibited

Do not look at a repeatedly blinking screen for a long time.

May cause twitches, loss of consciousness, etc.



Prohibited

Do not put liquid such as water (drinking water, sweat, sea water, urine of pets, etc.), metal, or flammable object into SIM Card/SD Card Slot.

Do not insert SIM Card or SD Card in the wrong position or orientation.

May cause fire, burns, injury, electric shock, etc.



Prohibited

Do not expose the camera lens to direct sunlight, etc. for a long time.

May cause fire, burns, injury, etc. due to light-condensing of lens.



Compulsory

Power off handset or set to Airplane mode before boarding an aircraft.

Use of handset on board an airline is restricted. Follow the airline's instructions.

Handset radio waves may affect electronic devices of the aircraft.

Prohibited use aboard an aircraft may be subject to penalty by law.



Compulsory

For use in hospitals, follow the medical facility's instructions.

Power off handset in a place where its use is prohibited. Handset radio waves may affect electronic devices or other electronic medical equipment.



Compulsory

Always keep handset away from your ear when calling hands free, ringing loudly for incoming calls, or during standby.

Adjust the sound volume adequately when playing games or playing back videos or music with an earphone/microphone, etc. connected to handset.

Handset sound is loud when calling hands free. Even in standby, the ringtone or alarm may ring suddenly. Listening to loud sound continuously for a long time may cause hearing impairment or other difficulty. Too loud volume may cause inability to hear ambient sound and may also cause an accident.



Compulsory

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

Handset suddenly vibrating and ringing for a new call may startle and affect persons with heart conditions.



Compulsory

When using electric medical equipment, etc., check with the equipment vendor or distributor for information about the effects of radio waves.

Handset radio waves may affect electronic medical equipment.



Compulsory

Power off handset near electronic devices that use precision control or faint signals.

Handset radio waves may cause electronic malfunctions, etc.

\* Take additional care near these devices:

Hearing aids, implanted cardiac pacemakers, implanted cardioverter defibrillators, other electronic medical equipment, and other automatically controlled devices or equipment. For users of implanted cardiac pacemakers, implanted cardioverter defibrillators, other electric medical equipment, check with the equipment vendor or distributor for information about the effects of radio waves.



Compulsory

If Display, rear panel, or Camera lens is broken, do not touch the broken glass or exposed inside of handset.

Touching the broken or exposed part may cause burns, injury, electric shock, etc.



Compulsory

If Internal Battery leaks or has an unusual smell, immediately stop using, and keep away from fire.

The leaked fluid may catch on fire causing ignition, explosion, etc.



Compulsory

Do not allow a pet, etc. to bite handset.

Internal Battery may ignite, explode, overheat, or leak causing fire, burns, injury, etc.



## ⚠ CAUTION



Prohibited

When using the motion sensor, ensure the safety of the surroundings and hold handset firmly, not swinging around more than necessary.

Failure to do so may cause accidents such as injury.



Prohibited

If Display is broken, do not allow the leaked internal substance to contact the skin of your face or hands, or clothes.

May cause injury to eyes, skin, etc.

If the internal substance gets into your eyes, mouth, etc., or contacts your skin or clothes, immediately rinse with clean water.

Also, in case it gets into your eyes, mouth, etc., immediately consult a doctor after rinsing.



Prohibited

Do not dispose handset together with ordinary trash.

May cause fire, burns, injury, etc. Also, may cause environmental destruction. Bring unnecessary handset into a sales outlet such as a SoftBank Shop or follow the municipality instructions for recycling.



Prohibited

If the internal fluid is leaked from Internal Battery, do not allow it to contact the skin of your face or hands, or clothes.

May cause injury to eyes, skin, etc.

If the internal substance gets into your eyes, mouth, etc., or contacts your skin or clothes, immediately rinse with clean water.

Also, in case it gets into your eyes, mouth, etc., immediately consult a doctor after rinsing.



Compulsory

Before using handset in a car, check with the car manufacturer or dealer for information about the effects of radio waves.

Handset radio waves may affect the vehicle's electronic equipment in some car models. In that case, stop using handset immediately.



Compulsory

Make sure that metallic pieces (cutter blade, staples, etc.) are not adhered to Earpiece/ Speaker (top), Speaker (bottom left, back), vibrator area (bottom right, back) since magnetic parts are included.

Adhered objects may cause injury, etc.



Compulsory

Do not leave handset in reach of children or persons requiring supervision.

Handset uses a small magnet. Accidental swallowing may cause injury, etc. If swallowed, there is a risk of choking or serious harm to internal organs.

If you think magnet has been swallowed, immediately consult a doctor.



Compulsory

Do not bring handset near medical devices.

Handset uses a magnet; it may affect cardiac pacemakers, defibrillators, variable-pressure hydrocephalus shunts, and other medical devices. Do not bring handset near these devices or persons using these devices. If you use such a device, consult your doctor before using the product.



Compulsory

Watch Display in a well-lit place with enough distance kept.

Watching in a dark place or getting too close to Display may reduce visual acuity, etc.

## Desktop Holder (Optional Accessory), AC Charger (Commercially Available)

### WARNING



Prohibited

Do not use AC Charger (commercially available) if the cord is damaged.

May cause fire, burns, electric shock, etc.



Prohibited

If thunder is audible, do not touch AC Charger (commercially available).

May cause electric shock, etc.



Prohibited

Do not short circuit Charging Terminals when it is connected to a power outlet. Also, do not allow body parts such as your hands or fingers to contact Charging Terminals.

May cause fire, burns, electric shock, etc.



Prohibited

Do not put heavy objects on the cord of AC Charger (commercially available) or pull it strongly.

May cause fire, burns, electric shock, etc.



Prohibited

When plugging or unplugging AC Charger (commercially available) to or from a power outlet, do not allow metals to come in contact.

May cause fire, burns, electric shock, etc.



Prohibited

Do not use a travel converter for overseas use when charging with AC Charger (commercially available).

May ignite, overheat, cause electric shock, etc.



Prohibited

Do not apply unnecessary force to the connection part when handset and AC Charger (commercially available) are connected.

May cause fire, burns, injury, electric shock, etc.



Do Not Use Wet Hands

Do not touch the cord of AC Charger (commercially available), Charging Terminals, Power plug, Desktop Holder (optional accessory) with wet hands.

May cause fire, burns, electric shock, etc.



Compulsory

Use with specified power supply and voltage.

Also, use AC Charger for global use (commercially available) when charging overseas.

Using the incorrect power supply and voltage may cause fire, burns, electric shock, etc.

AC Charger: 100V AC (Household AC power outlet only)

AC Charger for global use: 100V to 240V AC (Household AC power outlet only)



Compulsory

Wipe off dust on the power plug.

Using with dust adhered may cause fire, burns, electric shock, etc.



Compulsory

Firmly insert the power plug of AC Charger (commercially available) to an outlet.

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



Compulsory

When unplugging from an outlet, grasp AC Charger (commercially available) main unit without applying force such as pulling the cord.

The cord of AC Charger may be damaged if it is pulled out and it may cause fire, burns, electric shock, etc.



Compulsory

Insert or remove the connector of AC Charger (commercially available) straight against the port without applying force such as pulling the cord.

Incorrect insertion or removal may cause fire, burns, injury, electric shock, etc.



Compulsory

Stop using handset immediately if Charging Terminals are deformed or bent.

Or, do not use AC Charger even with the deformation fixed.

Charging Terminals may short-circuit causing fire, burns, injury, electric shock, etc.



Disconnect Power Source

Unplug power plug of AC Charger when not using it.

Keeping the power plug connected may cause fire, burns, electric shock, etc.



Disconnect Power Source

If liquid such as water (drinking water, sweat, seawater, urine of pets, etc.) gets on equipment, immediately disconnect the power plug from an outlet.

Liquid on equipment may result in short-circuit causing fire, burns, electric shock, etc.



Disconnect Power Source

When cleaning, disconnect the power plug from an outlet.

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

## ⚠ CAUTION



Prohibited

Do not touch AC Charger (commercially available) that is connected to an outlet continuously.

May cause burns, etc.

## SIM Card

## ⚠ CAUTION



Compulsory

When handling SIM Cards, be careful of the cut surface so as not to hurt your body parts such as fingers.

Cut surface may be sharp and may cause injury, etc.

## Handset Use & Electronic Medical Equipment

### ⚠ WARNING



Compulsory

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

Handset radio waves may affect implanted pacemakers or defibrillators.



Compulsory

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.



Compulsory

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.

There may be someone who is wearing an implanted pacemaker or defibrillator.

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



Compulsory

Observe each medical facility's instruction when using handset.

Handset radio waves may affect electronic medical equipment.

## Material List

· Xperia 1 Main Unit

Part	Material/Surface Treatment
Exterior case (top, bottom, side, Power Key, Volume Keys, Camera Key, SIM Card/SD Card Slot Cover, Camera ring (back))	Aluminum alloy/Anodized
Exterior case (antenna slit, USB Type-C Port)	PBT resin (with glass fiber)/-
Transparent plate (Display, Back Cover)	Strengthened glass/AFP processing
Transparent plate (Camera lens)	Strengthened glass/AFP processing + AR processing
Fingerprint Sensor	IC + epoxy resin + hard film (silicon compound)/AFP processing
Earpiece/ Speaker (top) panel	Polyester resin/dyed
Speaker (bottom) panel	PC resin + polyester resin/Coating + dyed
Rubber gasket of SIM Card/ SD Card Slot Cover	Silicone rubber/-
SIM Card/ SD Card Slot Cover inside	PC resin + elastomer resin/-
SIM Card/SD Card Tray	Polyacetal resin/-

· USB Type-C to 3.5 mm Adapter (with TV Antenna) (SODAJ1)

Part	Material/Surface Treatment
Connector plug (top surface)	Polypropylene resin/-
Headphone connector (top surface)	Polyamide resin/-
Headphone connector (body), cable, connector plug (body)	Elastomer resin/-
Connector plug (metal terminal), Headphone Connector Terminal (metal terminal)	Copper alloy/Gold plating
Connector plug (metal cover)	Stainless steel/Nickel plating

## Important Product Information

### Handset, SIM Card, USB Type-C to 3.5 mm Adapter, Desktop Holder (Optional Accessory), AC Charger (Commercially Available)

- Do not get wet. Desktop Holder (optional accessory), AC Charger (commercially available) and packaged accessories are not water resistant. Avoid using in humid places such as a bathroom and exposing it to rain. Contact to dampness 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.
- External abnormalities such as damage or deformation may degrade the water resistance/dustproof performance.
- 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 Internal Battery within temperatures of 5°C to 35°C.
- Do not use 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.
- Handset exterior case is not removable. Trying to remove case may cause breakage or malfunction.
- Battery is built in and is not removable.
- Internal Battery is a lithium-ion battery.



#### Li-ion 00

- Lithium-ion batteries are precious, recyclable resources. Do not discard of old handsets, batteries, or chargers with ordinary waste, and instead bring them to the nearest shop with the Mobile Recycle Network mark.
- Storing handset with full-charged or insufficient battery level deteriorates battery performance. It is recommended to store handset with 40% battery level.
- Turning off by pressing Power Key does not shut off handset from power source completely. Unplug AC Charger power plug to completely turn it off. Use AC Charger (commercially available) 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 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.
- 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.
- Use Attachment 52B for setting handset into Desktop Holder (optional accessory).

## Charging

- AC Charger (commercially available) may become warm while charging. It is not abnormal.
- If charging is started, although handset is unavailable for operation, screen indicating that handset is charging appears. For this reason, do not charge where handset is required to be powered off.
- 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. 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 [Customer Service](#).
- Using application while charging may shorten Internal Battery life.

## Display (Touchscreen)

- Handset uses a touchscreen 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 on Display
  - Protection sheet or sticker applied on Display
  - 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.
- Handset uses an OEL display; ghost images may appear. The same image on Display for a long time, a higher-than-necessary brightness setting, or extremely long use may cause brightness to partially dim, color to change, or may burn images into Display. Depending on viewing angle, uneven color or brightness or change in colors may be visible. This is normal for OEL displays.

## Volume

- Caution: Listening at a loud volume hard on the ears for a long time can affect hearing.



## Earpiece/Speaker


Handset earpiece is also used as a speaker. Loud sound may be heard from the speaker when playing sound, for arriving incoming calls, etc.

Subjecting your ears to loud sound may affect your hearing ability. Use Earpiece/Speaker with care to prevent your ears from being subject to loud sound. For example, remove Earpiece/Speaker from your ears as soon as a call is ended.

## Technical Conformity

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.

- Disassembling/modifying handset
- 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. Electronic nameplate can be viewed in the following way.

To view: in Home Screen,  (Settings)  System 

About phone  Certificates

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.

## Fingerprint Authentication

- Fingerprint authentication uses the characteristics of your fingerprint. If your fingerprint image has few characteristics, fingerprint authentication may not be available.
- Authentication performance (authenticating fingerprint when using Fingerprint Sensor) depends on usage condition. If your finger is under any of the following conditions, registration of fingerprint may be difficult or authentication performance may degrade. Authentication performance may be improved by washing or drying hands, registering a different finger, registering fingerprint using a wider surface of your finger, etc.
  - Wrinkled after taking a bath, etc.
  - Wet with water, sweat, etc.
  - Dried
  - Covered with grease (e.g. hand cream)
  - Dirty with mud or grease
  - Rough or injured (cut, inflammation, etc.)
  - Abraded and faded
  - The shape of fingerprint has changed due to weight loss or weight gain
  - The surface condition of finger is extremely different from when you registered fingerprint
- Personal authentication and identification are not completely guaranteed by fingerprint authentication technology. Note that SoftBank Corp. is not liable for any damage incurred due to misuse by a third party or due to handset being unable to be used.

## ! Precautions on Fingerprint Sensor

- Do not hit or apply strong impact. This may cause a malfunction or damage. Also, do not scratch the surface or poke it with a sharp object such as a ballpoint pen or pin tip.
- Do not attach stickers or do not daub with ink, etc.
- If dirt such as dust or sebum is attached to Fingerprint Sensor, reading fingerprints may be difficult or the authentication performance may be degraded. Occasionally clean the surface of Fingerprint Sensor.
- If the time of touching is too short or too long, authentication may fail. Touch the center of Fingerprint Sensor straight with the vortex of your fingerprint.
- Activating Fingerprint Sensor may fail if a finger is placed on it before starting registration or authentication. Release your finger once and try again.

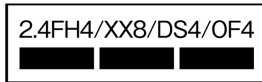
## Forcibly Powering Off

If screen freezes or power-off operation is not available, forcibly power off by Pressing & Holding Power Key and Volume Up Key at the same time for approximately 9 seconds, then release after handset vibrates three times consecutively.

## 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  
 FH/XX/DS/OF:Modulations are FH-SS, other modulation, DS-SS, OFDM  
 4:Estimated range of radio frequency interference is up to 40 m  
 8:Estimated range of radio frequency interference is up to 80 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® Devices

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 [Customer Service](#).

### Reception Interference Caused by Wi-Fi (WLAN) Devices

Handset Bluetooth® function uses the same frequency band (2.4 GHz) 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 2.4 GHz 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 [Customer Service](#) 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 [Customer Service](#).

## Notes on Using 5 GHz Devices

In 5 GHz frequency bandwidth, handset can use following bands:

- 5.2 GHz band (W52/36, 40, 44, 48 ch)
- 5.3 GHz band (W53/52, 56, 60, 64 ch)
- 5.6 GHz band (W56/100, 104, 108, 112, 116, 120, 124, 128, 132, 136, 140 ch)

Using a 5.2/5.3-GHz-band wireless LAN outdoors is prohibited by law (this does not apply to communication with access points/relay stations of high-output data communications systems operating in the 5.2 GHz band).

## 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.

## Water Resistance/Dustproofing

Handset complies with IPX5<sup>1</sup>, IPX8<sup>2</sup> water resistance standards and IP6X<sup>3</sup> dustproof standard with SIM Card/SD Card Slot Cover firmly closed.

- 1 Protection against water jet (at 12.5 L/minute 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 Water Resistance/Dustproofing

Handset water resistance/dustproofing provides the following:

Calling in the rain without umbrella (approximately 20 mm rainfall per hour)

- Do not open or close 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°C - 35°C) with weak water flow (less than 6 L/minute) at distance of approximately 10 cm away from the tap or shower.
- When washing handset, make sure to securely close 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

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

## Maintaining Water Resistance/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 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 push Earpiece/Speaker, Mic, Speaker, Second Mic, or USB Type-C Port with a sharp-pointed object.
- Do not let handset fall. Scratch on handset may degrade water resistance/dustproof performance.
- Rubber gaskets on inner side of SIM Card/SD Card Slot Cover play important roles for water resistance/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 water resistant/dustproof.
- Do not apply water flow stronger than allowed directly from a tap or shower. Handset provides IPX5 water resistance, 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 allow water to remain in the Earpiece/Speaker, Mic, Speaker, Second Mic, or USB Type-C Port. Such water may interfere with calls or get clothes or bag wet.
- If handset gets splashed with water or other liquid while 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 [Customer Service](#).
- If rubber gasket on back of SIM Card/SD Card Slot Cover becomes scratched or deformed, contact a SoftBank Shop or [Customer Service](#) for part replacement.
- Do not connect earphones, etc. to handset that is wet with water. May cause malfunction.
- Do not use handset when External Device Port is wet or dusty. May lose water resistance, cause electric shock or short circuit, resulting in malfunction, fire, or burns.
- 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.

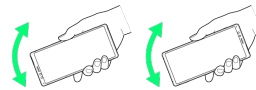
1

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



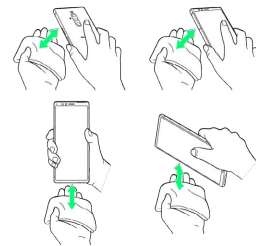
2

Shake handset approximately 20 times until there is no more water splattering (Left), then turn upside down and shake it approximately 20 times again (Right)



3

Wipe off water drained from handset with clean cloth etc.



- Turn Earpiece/Speaker, Mic, Speaker, Second Mic, USB Type-C Port, Power Key/Screen Lock Key, Fingerprint Sensor, Volume/Zoom Up/Down Key, Camera Key and SIM Card/SD Card Slot Cover, Camera ring (back) face down onto cloth etc. to drain water.
- Turn upside down and wipe off.

4

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



Water is drained.

## 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 water resistant/dustproof.
- Never connect USB Type-C connector when handset or AC Charger is wet. Handset provides water resistance, but liquids (tap water, beverages, sea water, pet urine, etc.) adhered to USB Type-C connector may cause electric shock or short circuit, resulting in fire, burns, or malfunctions.
- Do not use Desktop Holder (optional accessory), AC Charger (commercially available), USB Type-C cable (commercially available) 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 (optional accessory), AC Charger (commercially available) or USB Type-C cable (commercially available) with wet hand. Doing so may cause electric shock.

## End User License Agreement

### End User License Agreement

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### Export Controls and Regulations

The products and accessories may be subject to the application of the Foreign Exchange and Foreign Trade Act and other related laws and regulations in Japan.

In addition, the Export Administration Regulations (EAR) of the United States may be applicable.

In cases of exporting or reexporting the products and accessories, customers are requested to follow the necessary procedures at their own responsibility and cost. Please contact the Ministry of Economy, Trade and Industry of Japan or the Department of Commerce of the United States for details about procedures.

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

"80250" here refers to this mobile phone "Xperia 1."

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

This mobile phone 80250 meets 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 regulations employ 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 1.73 W/kg\*\*\* when tested for use at the ear, and 0.75 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.

\* The technical regulations are provided in Article 14-2 of the Ministry Ordinance Regulating Radio Equipment.

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

\*\*\* The value is under simultaneous transmission use conditions.

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

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

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

For more information about SAR, see the following websites:

· Ministry of Internal Affairs and Communications (MIC)  
<https://www.tele.soumu.go.jp/e/sys/ele/body/index.htm>

· Association of Radio Industries and Businesses (ARIB)

<https://www.arib-emf.org/01denpa/denpa02-02.html>

(Japanese)

· World Health Organization

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

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

<https://www.softbank.jp/mobile/support/sar/> (Japanese)

### 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 0.39 W/kg\*. As mobile devices offer a range of functions, they can be used in other positions, such as on the body. In this case, the highest tested SAR value is 1.02 W/kg\* at the separation distance of 0.5 cm from the body. For electronic safety, maintain the separation distance with accessories containing no metal, that position handset a minimum of the above distance. Use of other accessories may not ensure compliance with RF exposure guidelines.

\* 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 as reported to the authorities for this phone model when tested for use by the ear is 0.38 W/kg, when worn on the body is 0.29 W/kg and when WiFi hotspot mode is 0.74 W/kg. For body-worn operation, this phone has been tested and meets the FCC RF exposure guidelines. Please use an accessory designated for this product or an accessory which contains no metal and which positions the handset a minimum of 15 mm from the body. For devices which include "WiFi hotspot" functionality, SAR measurements for the device operating in WiFi hotspot mode were taken using a separation distance of 10 mm.

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 <https://www.fcc.gov/oet/ea/> after searching on FCC ID PY7-80422D.

Additional information on Specific Absorption Rates (SAR) can be found on the FCC website at <https://www.fcc.gov/general/radio-frequency-safety-0>.

## FCC Statement for the USA

### FCC Statement for the USA

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

- (1) This device may not cause harmful interference.
  - (2) This device must accept any interference received, including interference that may cause undesired operation.
- Any change or modification not expressly approved by Sony may void the user's authority to operate the equipment.

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation.

If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

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

## Declaration of Conformity for 802SO

### Declaration of Conformity for 802SO



Hereby, Sony Mobile declares that the radio equipment type PM-1225-BV is in compliance with Directive: 2014/53/EU. The full text of the EU declaration of conformity is available at the following internet address:

<https://www.sonymobile.co.jp/product/SAR/doc/> (Japanese)

Manufacturer: Sony Mobile Communications Inc., 4-12-3 Higashi-Shinagawa, Shinagawa-ku, Tokyo, 140-0002, Japan

For EU product compliance: Sony Belgium, bijkantoor van Sony Europe B.V. Da Vincilaan 7-D1, 1930 Zaventem, Belgium

## Operation Radio Frequencies

### Operation Radio Frequencies

GSM/GPRS/EDGE : 850, 900, 1800, 1900 MHz

UMTS : 2100 (Band I), 1900 (Band II), 1700 (Band IV), 900 (Band VIII) MHz

LTE : Bands 1, 2, 3, 4, 8, 11, 12, 17, 28, 38, 39, 40, 41, 42

WLAN 2.4G/5G

NFC

GSM 850/900 : 33 dBm

DCS (1800)/PCS (1900) : 30 dBm

UMTS : 24 dBm

LTE : 23 dBm (Bands 1, 2, 3, 4, 8, 11, 12, 17, 28, 38, 39, 40, 42), 26 dBm (Band 41)

WLAN : 2.4 GHz < 100 mW, 5.15-5.35 GHz < 200 mW,

5.47-5.725 GHz < 200 mW, 5.735-5.835 GHz < 25 mW

NFC 13.56 MHz





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# Xperia 1 User Guide

June 2019, First Edition  
SoftBank Corp.

Visit [SoftBank Shop](#) for assistance

Model : Xperia 1  
Manufacturer : Sony Mobile Communications Inc.