Introduction

Thank you for purchasing Xperia™ XZ1.

- Before You Begin
- Guide Usage Notes
- Screenshots & Key Labels
- Accessing Guide on Handset

Before You Begin

- Xperia™ XZ1 is referred to as "handset" in this guide.
- Read "Safety Precautions" and this guide thoroughly beforehand for proper usage.
- Accessible services may be limited by contract conditions.
- Unauthorized copying of any part of this guide is prohibited.
- Guide content subject to change without prior notice.
- Contact SoftBank Customer Support, General Information if you find inaccuracies.

Guide Usage Notes

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

Screenshots & Key Labels

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

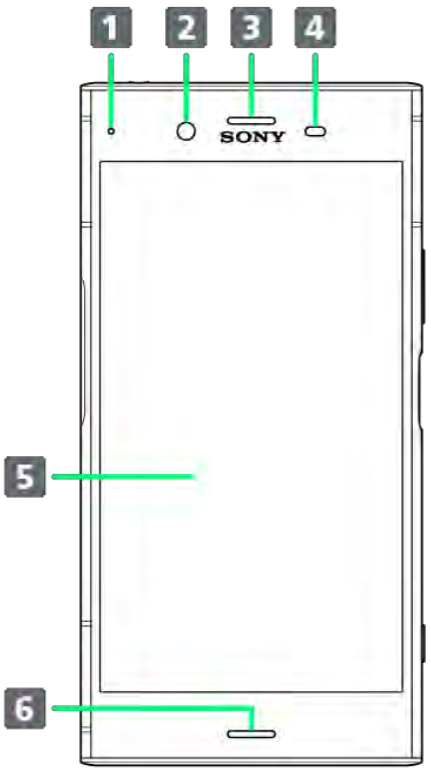
Accessing Guide on Handset

Access this Guide on handset via Guide icon in Apps Menu or via Guide indicator on Status Bar. Guide indicator is hidden on Status Bar by default. Follow these steps to show Guide indicator:
Access Guide Indicator on BACK

Parts & Functions

- Handset (Front)
- Handset (Back/Side)
- Handset Keys
- CE mark and FCC ID

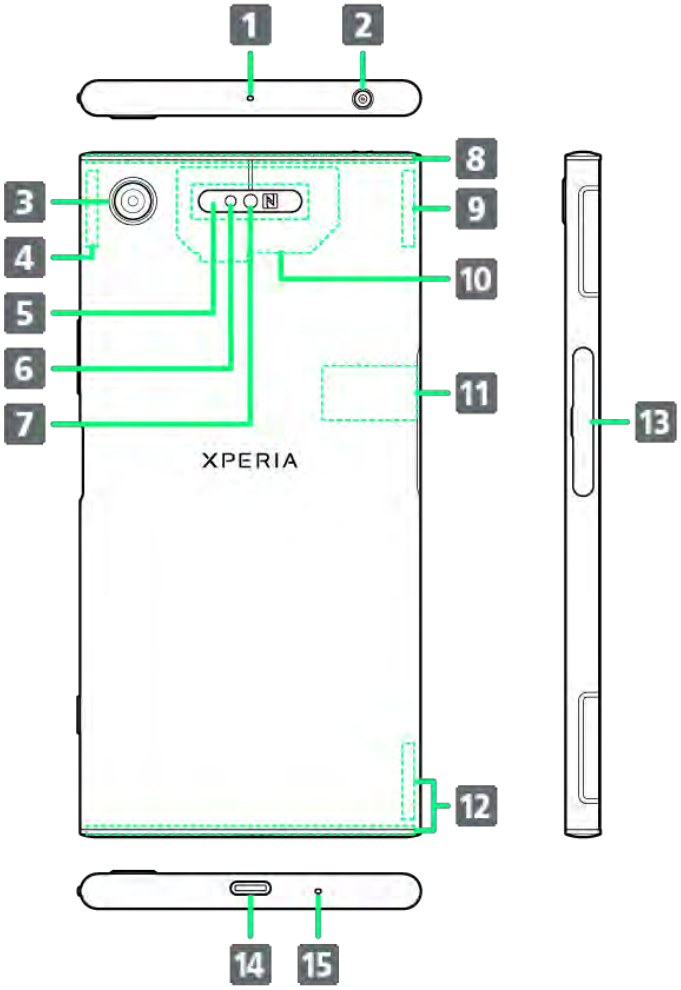
Handset (Front)



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

6 **Speaker**	Listen to music as well as video, TV, etc. audio.

Handset (Back/Side)



Part	Description
1 **Second Mic**	Reduces noise for calling.
2 **Headphone Port**	Connect commercially available headphones. This port supports tetrapolar headset that conforms to the CTIA standard.
3 **Camera**	Capture still images and videos.
4 **Wi-Fi® Antenna Area**	Internal Antenna for Wi-Fi.
5 **LaserAF Sensor**	Autofocuses for shooting based on subject distance.
6 **RGBC-IR Sensor**	Automatically adjusts white balance based for shooting based on the light source.
7 **Flash/Photo Light**	Use as camera flash when taking photos, etc.
8 **Internal Antenna/GPS Antenna Area**	Internal Antenna for calls, data communication and GPS.
9 **Wi-Fi®/Bluetooth® Antenna Area**	Internal Antenna for Wi-Fi and Bluetooth® feature.
10 **NFC/Osaifu-Keitai**	sticker is attached

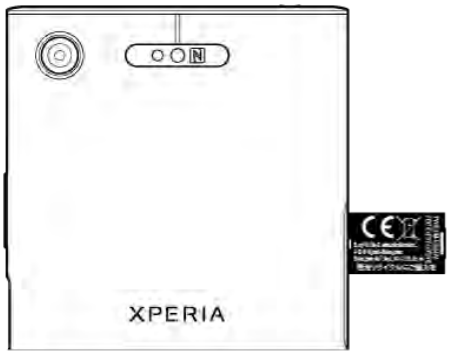
Detection Area	at time of purchase.
11 **Nameplate**	CE mark, FCC ID, IMEI information printed sticker is attached. Do not remove nameplate.
12 **Internal Antenna Area**	Internal Antenna for calls and data communication.
13 **SIM Card/SD Card Slot**	Insert SIM Card/SD Card. If SIM Card/SD Card Slot Cover is pulled out, handset reboots.
14 **USB Type-C™ Port**	Connect USB Type-C cable (commercially available), etc.
15 **Mic**	Speak here.

Handset Keys

Part	Description
1 **Volume/Zoom Up/Down Key**	Adjust Volume. Adjust Zoom while using Camera.
2 **Power Key/Screen Lock Key/Fingerprint Sensor (⏻)**	Long Press for power on/off. Press for sleep mode on/off. Or, use Fingerprint authentication.
3 **Camera Key (📷)**	Use as Camera shutter. Long Press to launch Camera.

CE mark and FCC ID

Open the slot cover, and insert a fingernail into the hook at the edge of the label tray, then pull it out straight.



SIM Card

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

- Inserting SIM Card
- Removing SIM Card
- SIM-Unlocking Handset

Inserting SIM Card

Always unmount SD Card beforehand.

1

Draw SIM Card/SD Card Slot Cover out using groove

2

Draw Tray out straight from handset

3

Set SIM Card into Tray with IC chip facing up

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

4

Insert Tray with handset held level, and then press in straight

■ Check Tray orientation.

5

Push Tray all the way and press it down where indicated ○, and make sure there are no gaps

Removing SIM Card

Always unmount SD Card beforehand.

1

Draw SIM Card/SD Card Slot Cover out using groove

2

Draw Tray out straight from handset

3

Remove SIM Card from Tray

4

Insert Tray with handset held level, and then press in straight

- Check Tray orientation.

5

Push Tray all the way and press it down where indicated ○, and make sure there are no gaps

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

Save data to internal storage or SD Card.
Handset supports SD Cards up to 256 GB. Some SD Cards may not operate properly.

- Inserting SD Card
- Removing SD Card
- Formatting SD Card

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

Inserting SD Card

1

Draw SIM Card/SD Card Slot Cover out using groove

2

Draw Tray out straight from handset

3

Set SD Card into Tray with the metal terminals facing up

■ Make sure SD Card is in Tray securely.

4

Insert Tray with handset held level, and then press in straight

■ Check Tray orientation.

5

Push Tray all the way and press it down where indicated ○, and make sure there are no gaps

Removing SD Card

Always unmount SD Card beforehand.

1

Draw SIM Card/SD Card Slot Cover out using groove

2

Draw Tray out straight from handset

3

Remove SD Card from Tray

4

Insert Tray with handset held level, and then press in straight

■ Check Tray orientation.

5

Push Tray all the way and press it down where indicated ○, and make sure there are no gaps

Formatting SD Card

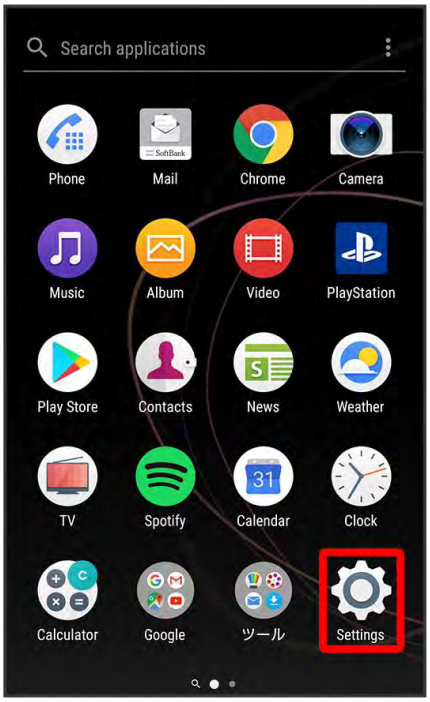
When using a new SD Card for the first time, always format it on handset.

■ 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.

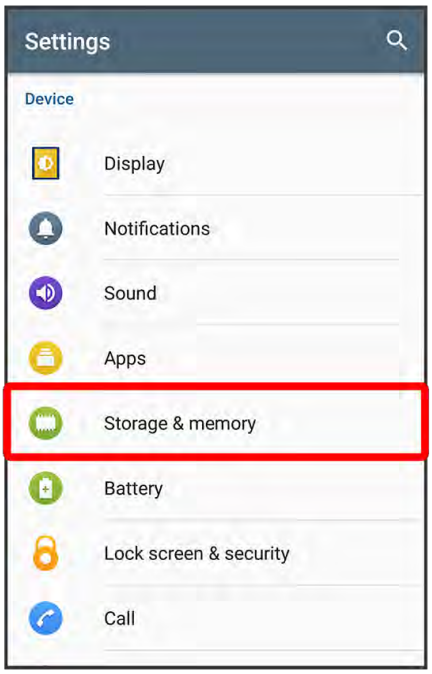
1

In Home Screen, (Apps) (Settings)



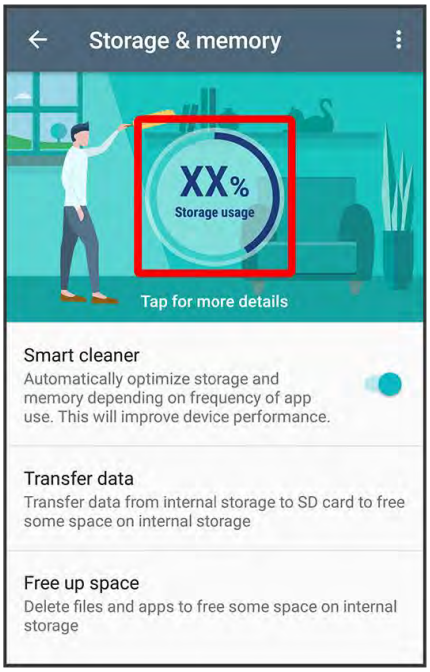
2

Storage & memory



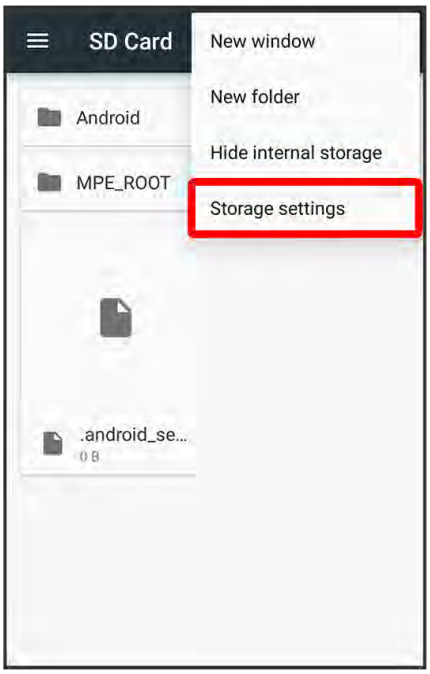
3

Storage usage



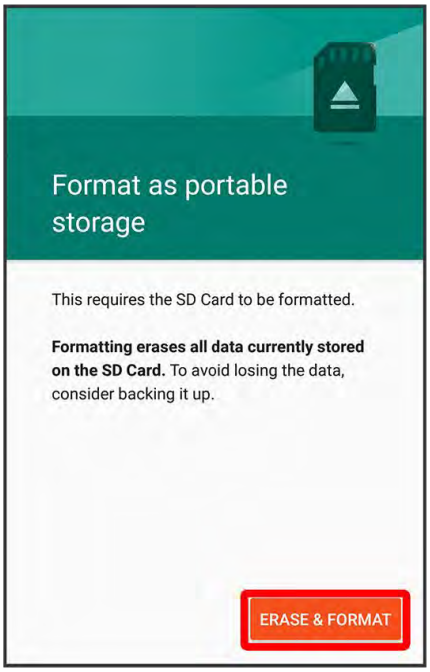
4

SD Card → ⋮ → Storage settings



5

Format → ERASE & FORMAT



6

DONE

All data on SD Card is erased.

Charging Internal Battery

Charging with AC Charger

Charging with AC Charger

For details on AC Chargers and other peripheral equipment, see SoftBank SELECTION Website.

■ See instructions included with AC Charger. Operation using AC Charger (with USB Type-C Quick Charge 3.0 capability) [ZSCAZX] (SoftBank SELECTION USB Type-C rapid charging AC Charger [SB-AC17-TCQC]) is explained here.

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

Power On/Off

Powering On

Powering Off

Powering On

1

(Long Press)

Lock Screen appears.

- See "Unlocking Screen" to unlock the screen.
- Startup wizard appears for the first time handset is powered on. Follow onscreen instructions.
- Battery level is not sufficient if Notification Lamp flashes several times in red or low battery indicator appears when is Pressed with handset powered off. Charge Internal Battery.

Powering Off

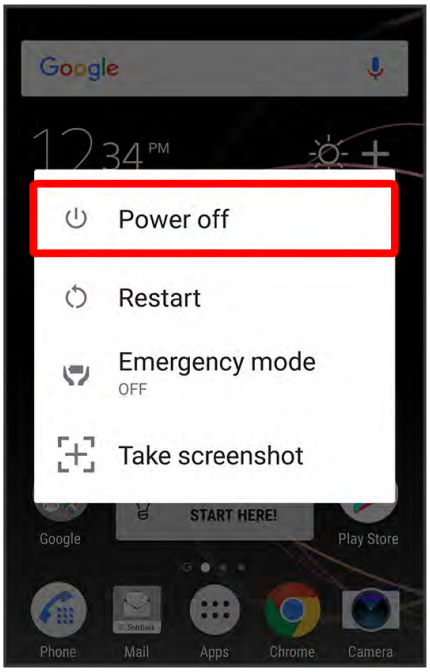
1

(Long Press)

Sample
（イラスト）

2

Power off



Handset powers off.

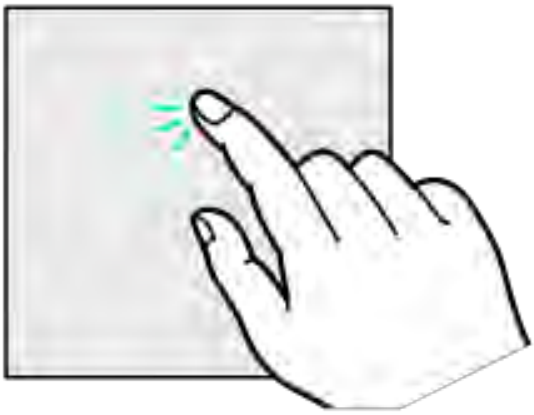
Using Touchscreen

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

- Tap
- Touch & Hold
- Drag
- Swipe/Flick
- Pinch/Spread

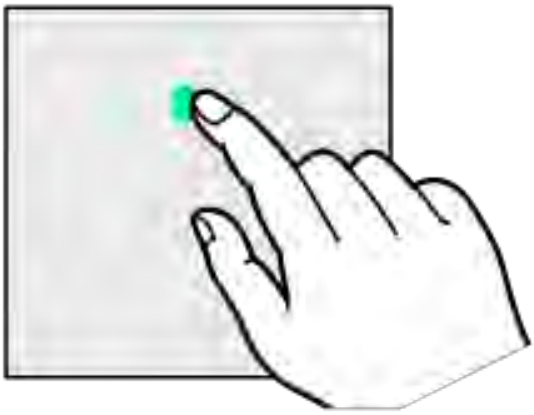
Tap

Contact Display lightly and briefly.



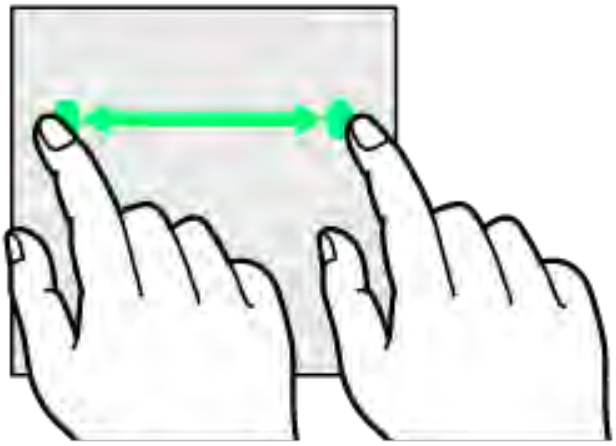
Touch & Hold

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



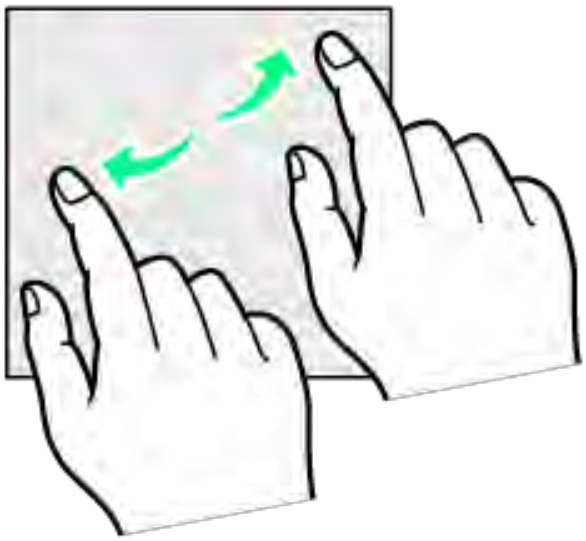
Drag

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



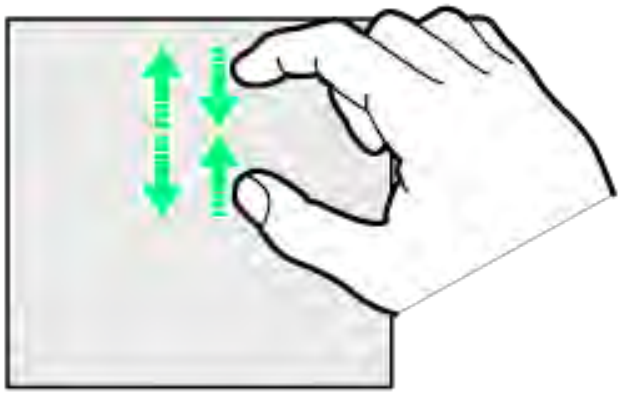
Swipe/Flick

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



Pinch/Spread

Contact Display lightly, then close/widen fingers.

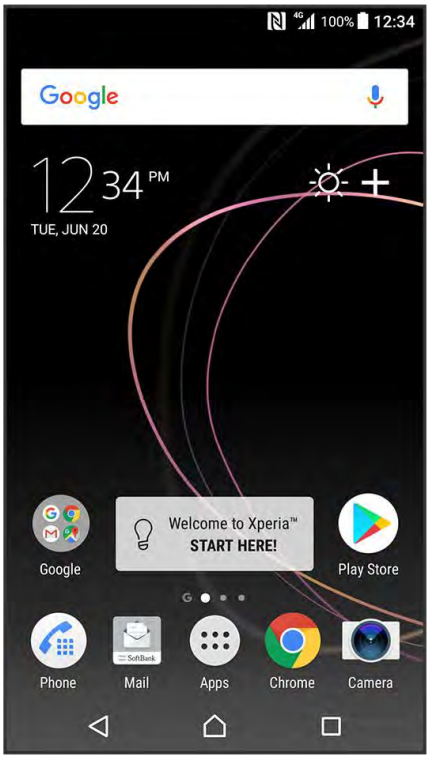


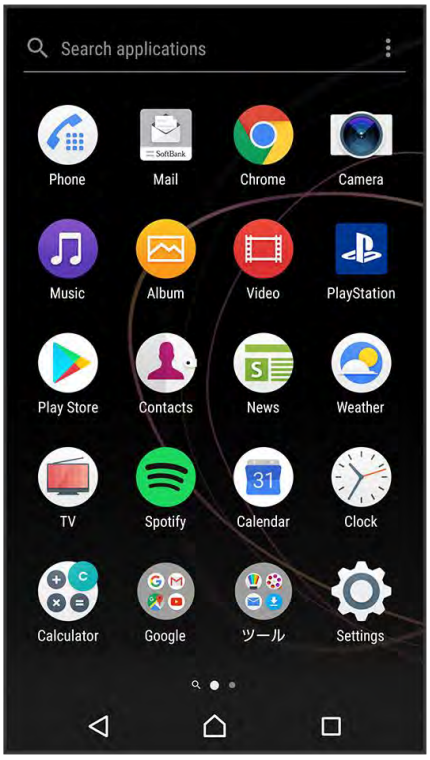
Basic Operation

- Home Screen & Applications List
- Navigation Bar
- Selecting Options and Navigating Screens
- Menu Operations
- Handset Settings and Making Settings
- Portrait Orientation & Landscape Orientation

Home Screen & Applications List

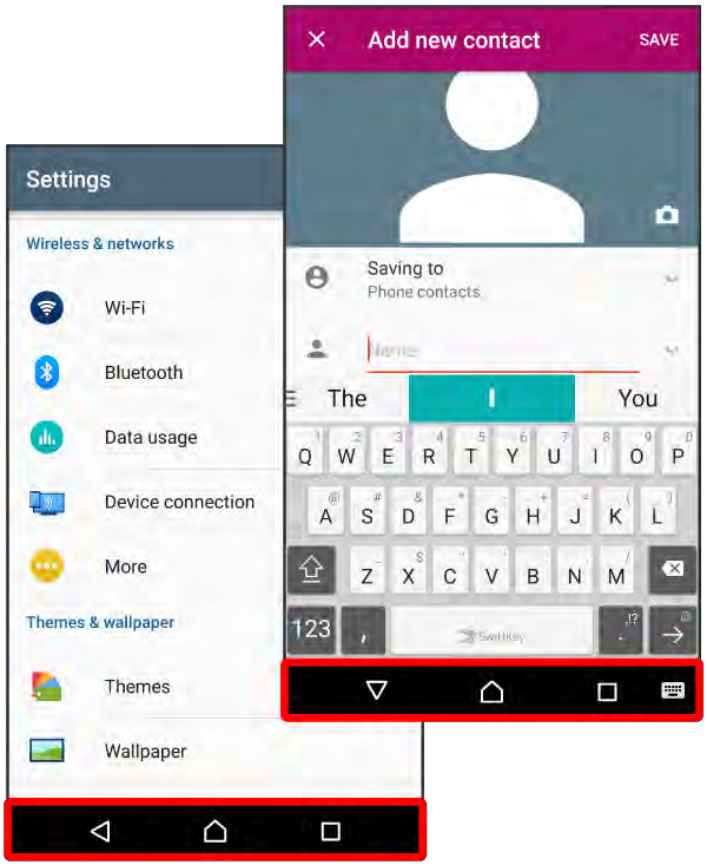
Most handset operations start in Home Screen (appears at power on) or in applications list.





Navigation Bar

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

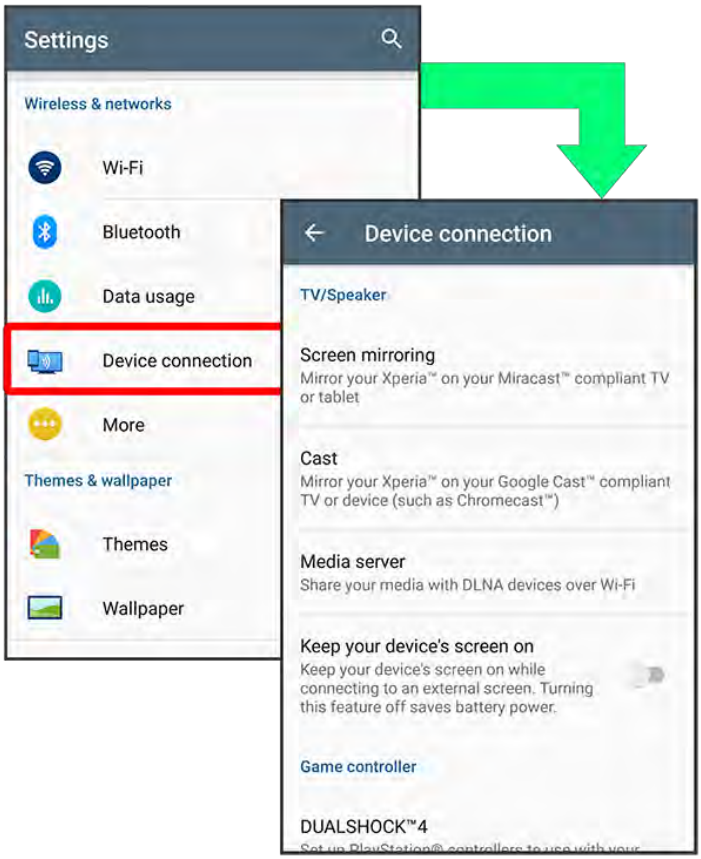


Item	Description
(Back)	Return to previous screen. Appears as for onscreen keyboard; Tap to close keyboard.
(Home)	Return to Home Screen.
(History)	Open listing of recently used applications and activate or delete applications.
(Keyboard)	Change keyboard.

Selecting Options and Navigating Screens

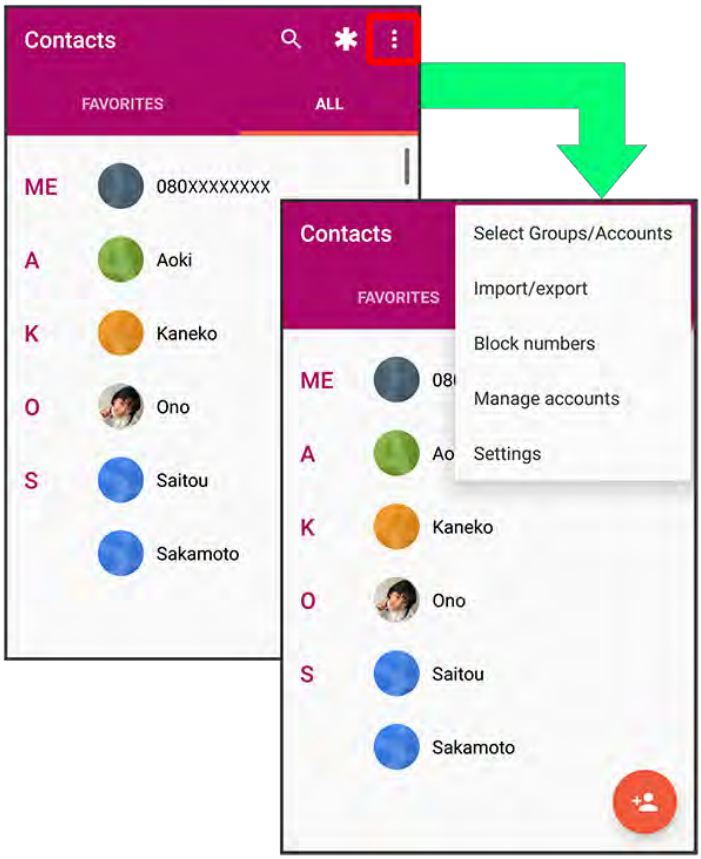
Tap items, icons, onscreen keys, etc. to open assigned items.

■ Tap to go back to previous screen.

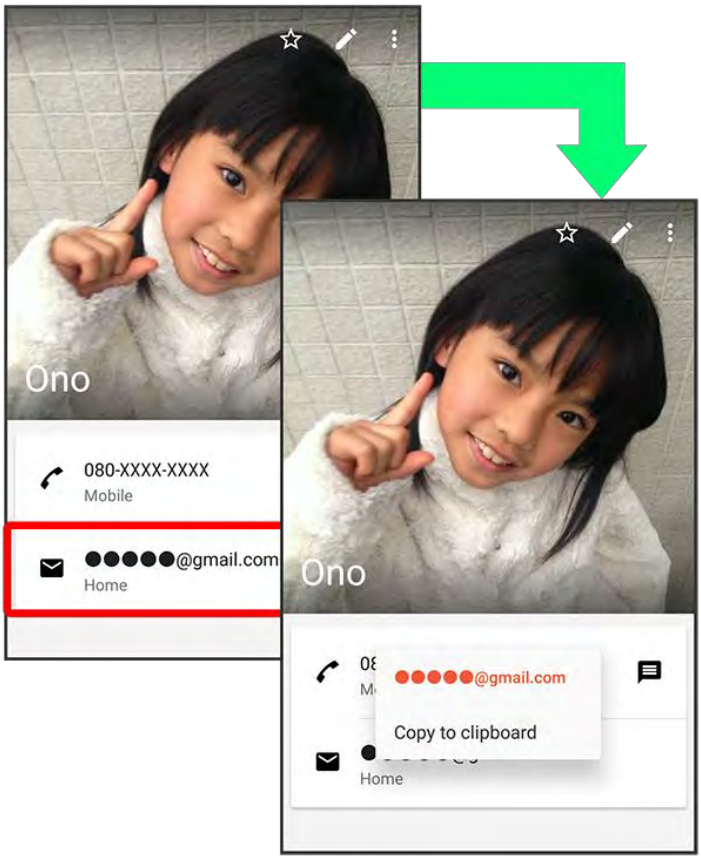


Menu Operations

Tap for available settings and items.

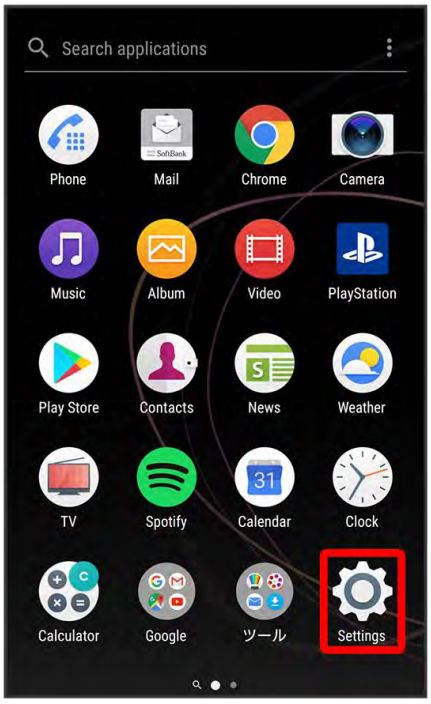


Screens may also have settings and items that are available by Touching & Holding Display.



Handset Settings and Making Settings

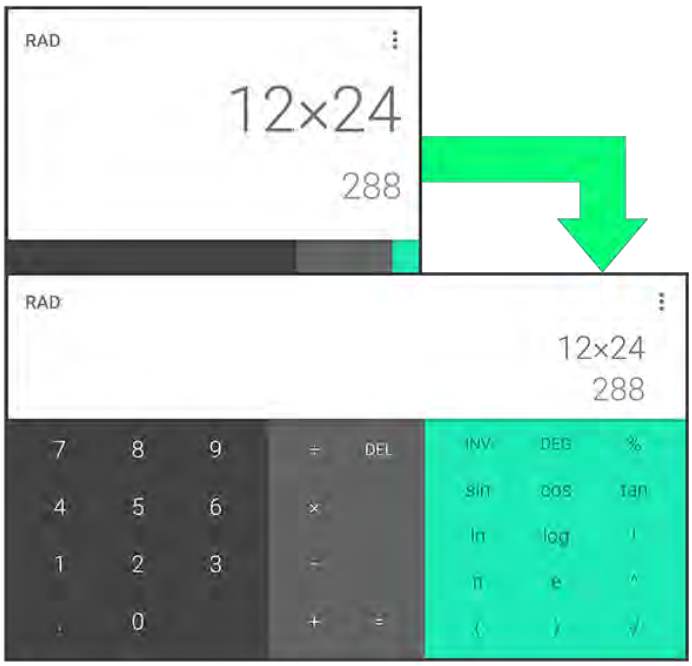
In Home Screen, Tap (Apps) then Tap (Settings) to customize the operation of handset functions.



Portrait Orientation & Landscape Orientation

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

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


RAD
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RAD
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4 5 6 ×
1 2 3 −
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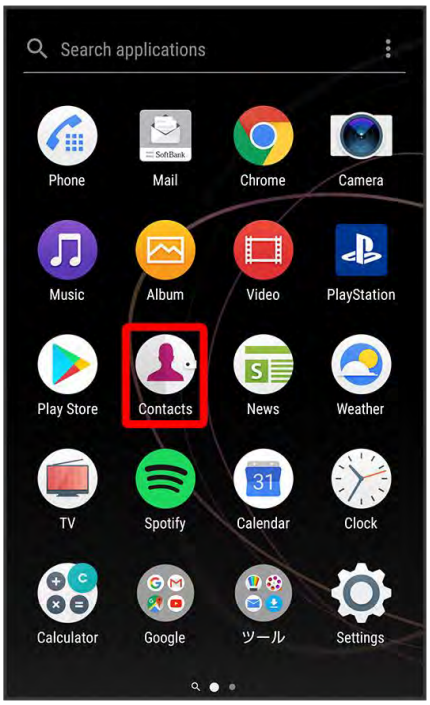
Phone Number

Checking Your Phone Number

Checking Your Phone Number

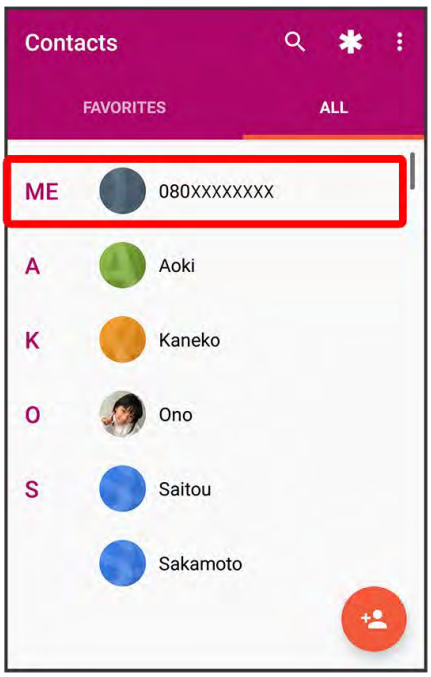
1

In Home Screen, (Apps) (Contacts)



2

ME



Check phone number.

Silent Mode

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

Using Silent Mode (Vibrate)

Using Silent Mode (Mute)

Using Silent Mode (Vibrate)

1

Press Volume Up or Down Key

2

On volume adjustment bar,

Icon on sound volume adjustment bar turns to (White) and Silent mode (Vibrate) is set.

- Press Volume Up Key once while volume adjustment bar appears to exit Silent mode (Vibrate).

Using Silent Mode (Mute)

1

Press Volume Up or Down Key

2

On volume adjustment bar, Press Volume Down Key

Icon on sound volume adjustment bar turns to (Gray) and Silent mode (Mute) is set.

- Press Volume Up Key twice while volume adjustment bar appears to exit Silent mode (Mute).

Text Entry

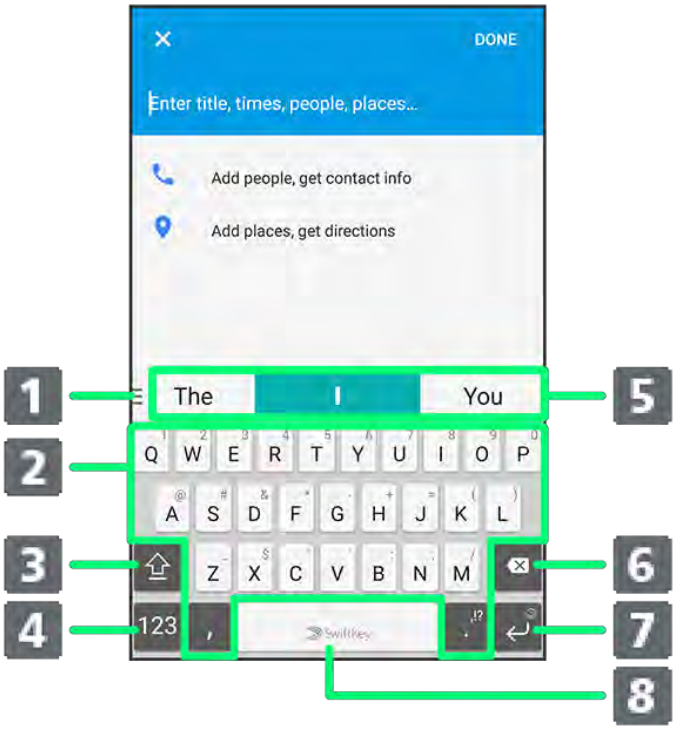
- Keyboards
- QWERTY Keyboard Layout
- Switching Character Types (Entry Modes)

Keyboards

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

- Tap ▽ to hide keyboard.
- Touch & Hold text in text entry window to magnify in small balloon.
- Input method is set to International keyboard (SwiftKey Keyboard) by default. To input Japanese, Tap ⌨ to change keyboard to Xperia™ Japanese keyboard.

QWERTY Keyboard Layout



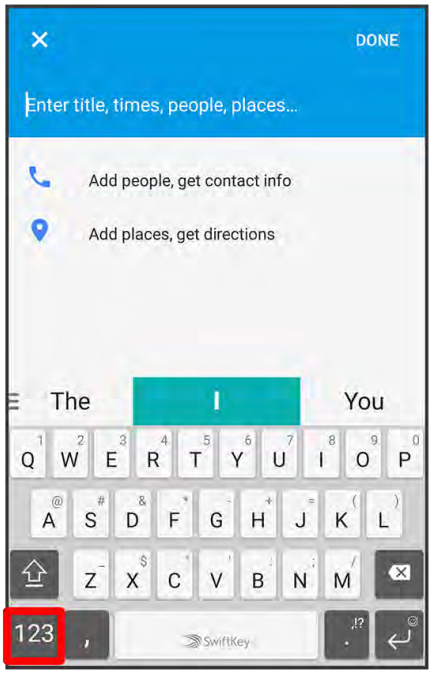
① Change SwiftKey Keyboard settings.
② Enter a character. Touch & Hold character to show variant options.

③ Switch between lower-case , upper-case , and caps .
④ Toggle entry modes.
⑤ Show entry candidates.
⑥ Delete a character before cursor.
⑦ , , , or appears depending on application. Confirm text input or enter line break. Touch & Hold to show Emoticon/Pictogram/etc. list.
⑧ Enter a space. Double-tap to enter a period.

Switching Character Types (Entry Modes)

1

In QWERTY keyboard, Tap 123



Entry mode is changed to number and symbol mode.

- To enter more symbols, Tap {&=.
- Tap abc to back to alphabet mode.

Using a Google Account

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

Creating a Google Account

Logging In with a Google Account

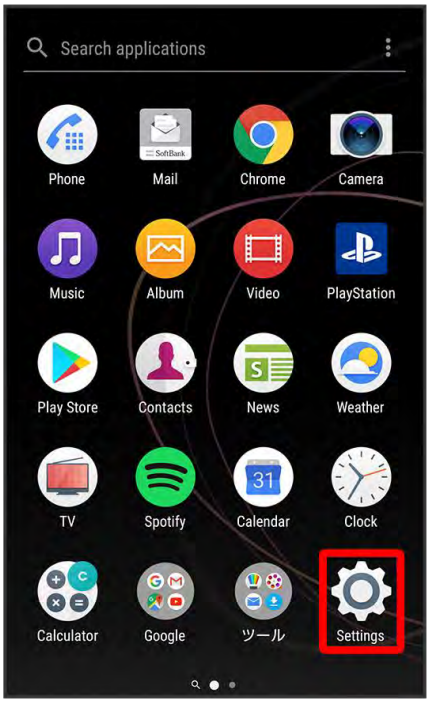
Google Account Cautions

Be careful not to forget your Google account mail address or password.

Creating a Google Account

1

In Home Screen, (Apps) (Settings)

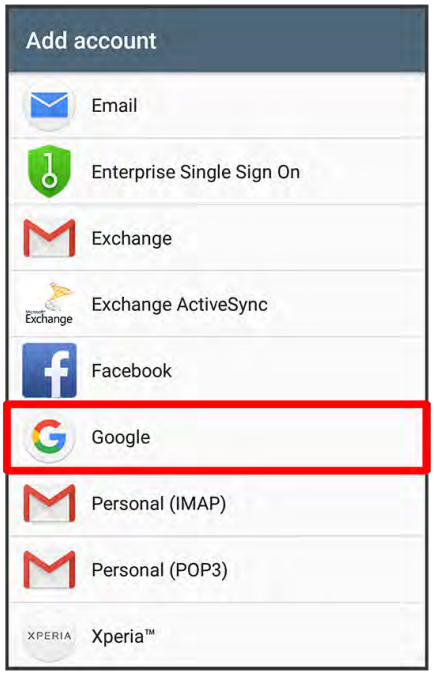


2

Accounts & sync → Add account

3

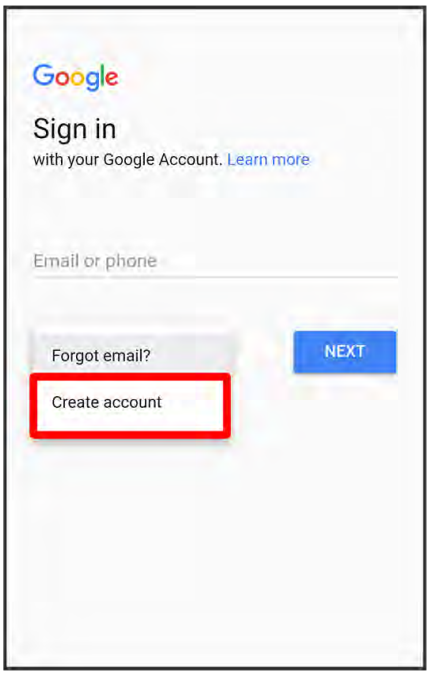
Google



Window for adding a Google account opens.

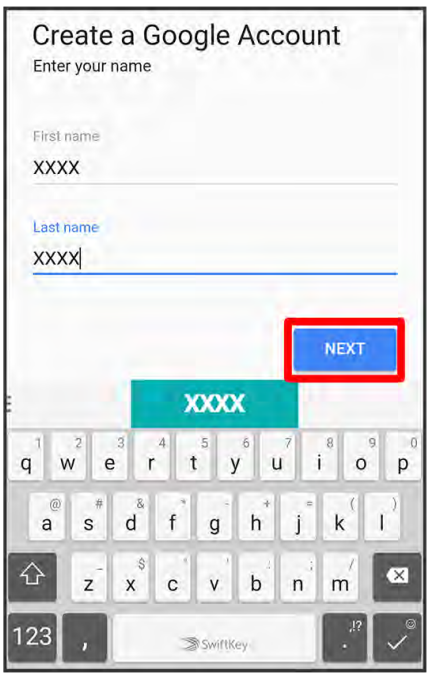
4

More options ➔ Create account



5

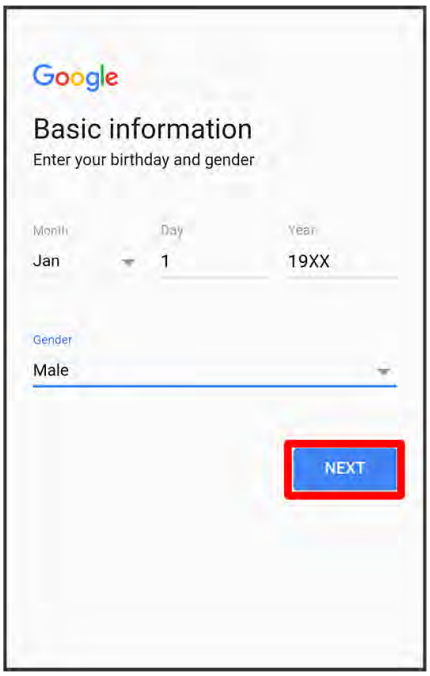
Enter First name ➔ Last name ➔ NEXT



■ If confirmation appears, follow onscreen instructions.

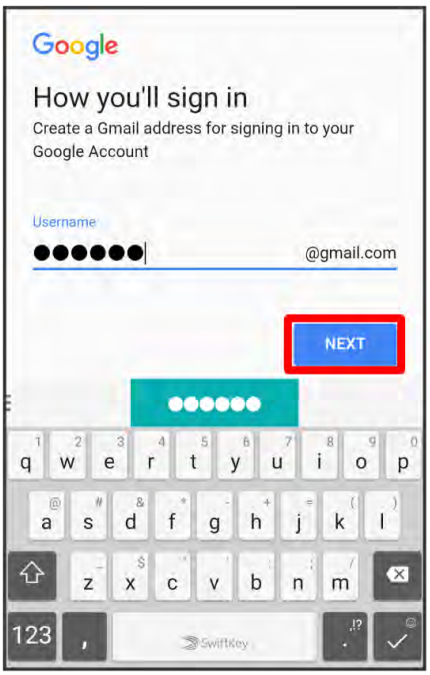
6

Enter date of birth ➔ Select gender ➔ NEXT



7

Enter user name (mail address) NEXT



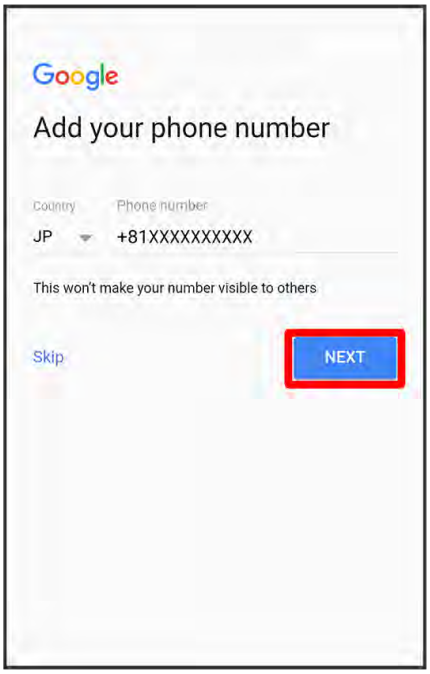
- If confirmation appears, follow onscreen instructions.

8

Enter password Enter password again (for confirmation) NEXT

9

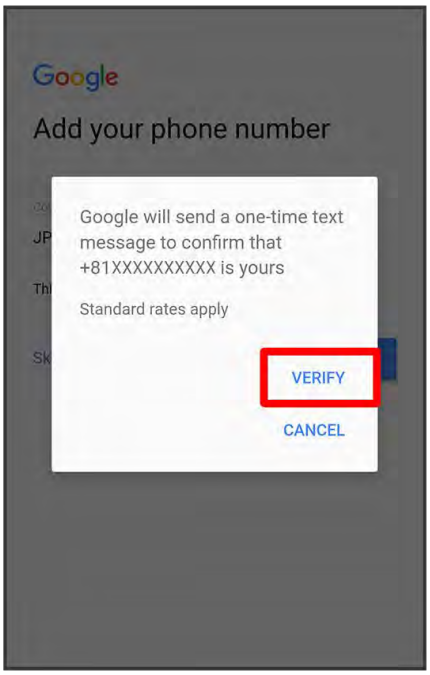
Check phone number NEXT



■ Phone number of your SIM Card is entered automatically.

10

VERIFY

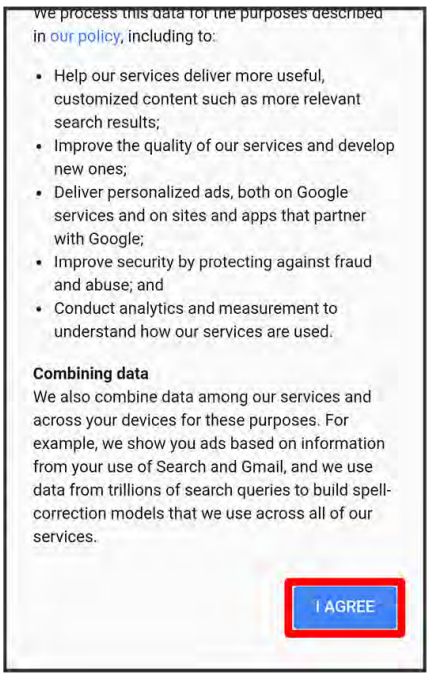


SMS is sent to the entered phone number.

- If a phone number other than the one on your SIM Card is entered, confirmation screen appears. Enter notified verification code Tap NEXT.

11

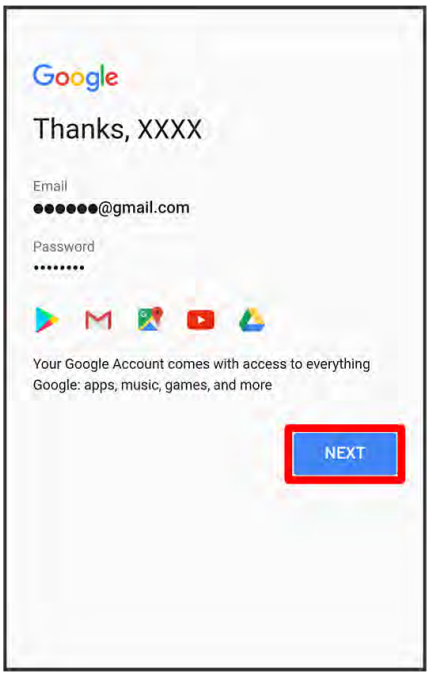
I AGREE



A Google account is created.

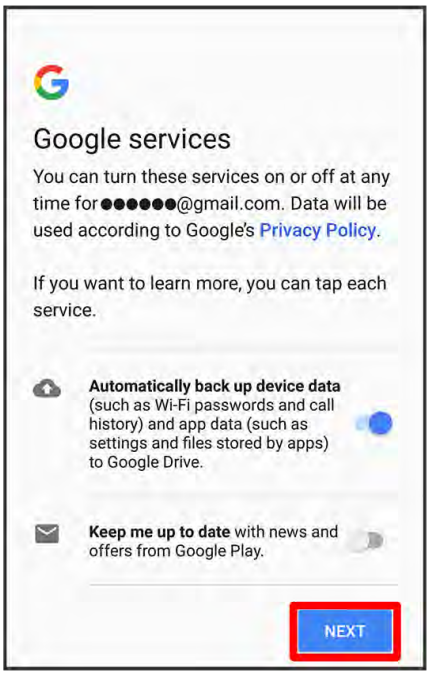
12

NEXT



13

Set Google service NEXT



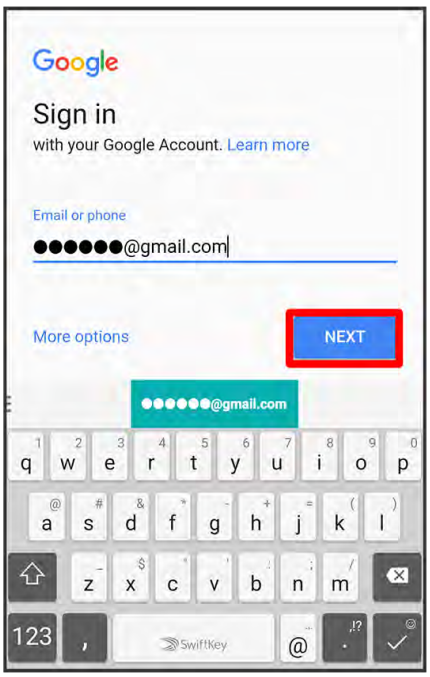
Google account creation is completed.

Logging In with a Google Account

If an application is activated that requires a Google account, a window for adding a Google account opens. Log in with a Google account you have so you can use the application.

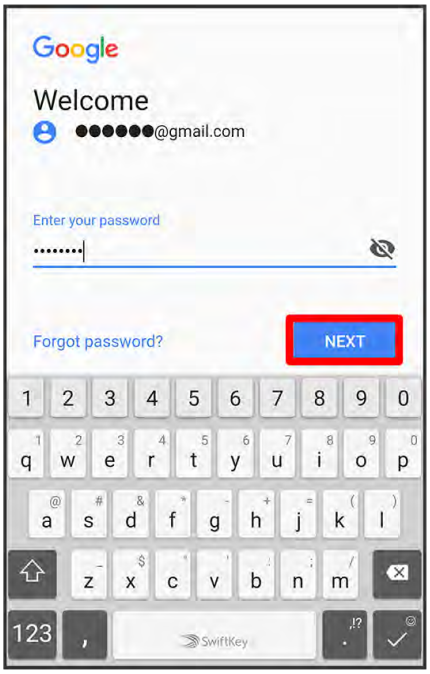
1

In window for adding Google account, enter mail address NEXT



2

Enter password NEXT



3

Follow onscreen instructions

You are logged in to your Google account.

Google Play

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

- Installing Free Applications
- Purchasing Paid Applications
- Updating Applications

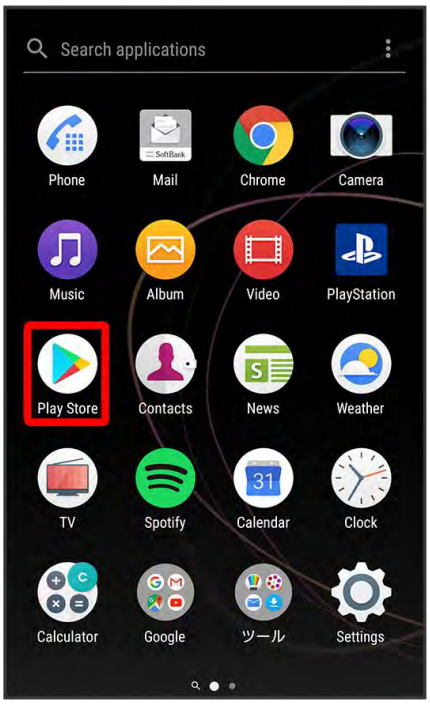
Installing Applications

Many different kinds of applications can be installed on handset from Google Play (provided by Google Inc.). 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, (Apps) (Play Store)



Google Play appears.

- If confirmation appears, follow onscreen instructions.

2

Tap free application INSTALL

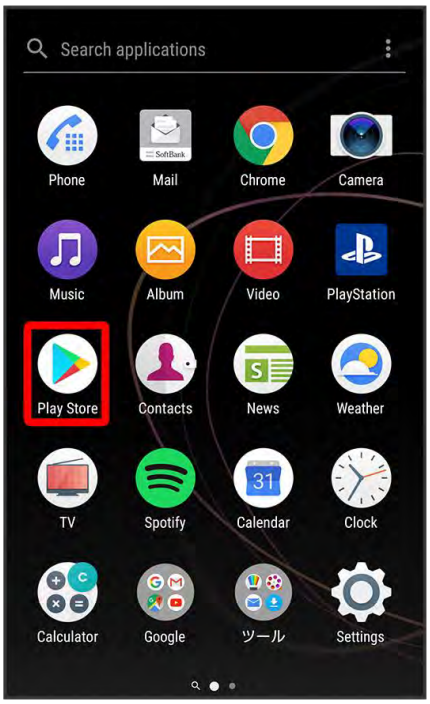
Application is downloaded and installed.

- If confirmation appears, follow onscreen instructions

Purchasing Paid Applications

1

In Home Screen, (Apps) (Play Store)



Google Play appears.

■ If confirmation appears, follow onscreen instructions.

2

Tap paid application ➔ Tap amount ➔ Follow onscreen instructions

Application is downloaded and installed.

Purchased Applications

Payment

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

On Other Android Devices

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

Requesting Refunds

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

In Google Play, ☰ ➔ My apps & games ➔ Tap application ➔ REFUND

Purchasing Applications

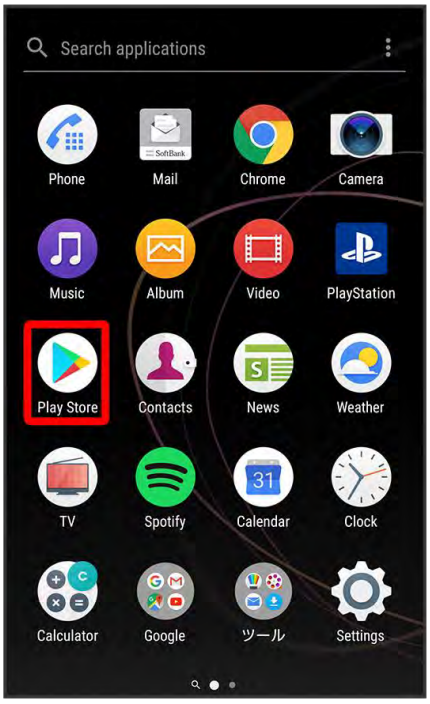
Purchase applications at your own risk. SoftBank Corp. is not responsible for any

disadvantage resulting for user or third parties.

Updating Applications

1

In Home Screen, (Apps) (Play Store)



Google Play appears.

- If confirmation appears, follow onscreen instructions.

2

≡ My apps & games Tap application to update UPDATE

The application is downloaded and installed.

- 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 → ⋮ → Auto-update (☑)

- If confirmation appears, follow onscreen instructions.
- Automatic updates are unavailable for some applications.

Security Codes/Operation Password

Code Types

Code Types

The following codes are required for handset use.

Code	Description
Operation Password	Code necessary to use handset functions.
Center Access Code	Four-digit code you have set in subscription contract.
SIM PIN	Code for SIM Card. For details, see "SIM PIN."
PIN	Code for unlocking screen.
WPS PIN	Code for connecting to WPS devices.

PIN Types

In addition to the PIN for SIM Card, there is a different PIN for unlocking the screen and a WPS PIN for connecting to WPS devices. Do not forget these codes.

SIM PIN

SIM PIN is a code for SIM Card. It is used to prevent unauthorized use by others.
PIN is 9999 by default.

Enabling SIM PIN

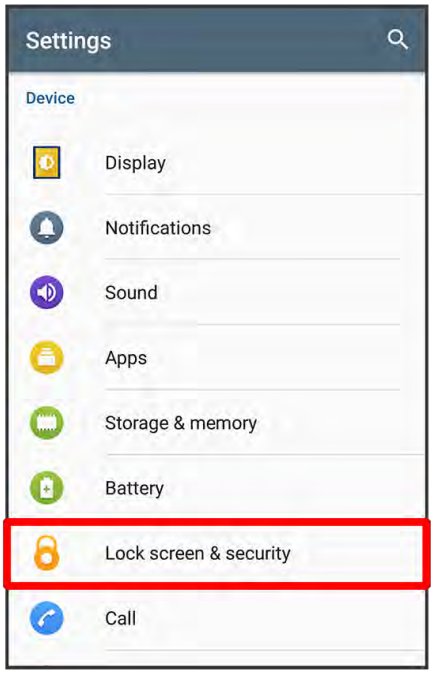
Changing SIM PIN

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, (Apps) (Settings) Lock screen & security



2

Set up SIM card lock Lock SIM card Enter PIN OK

PIN is enabled.

PIN Cautions

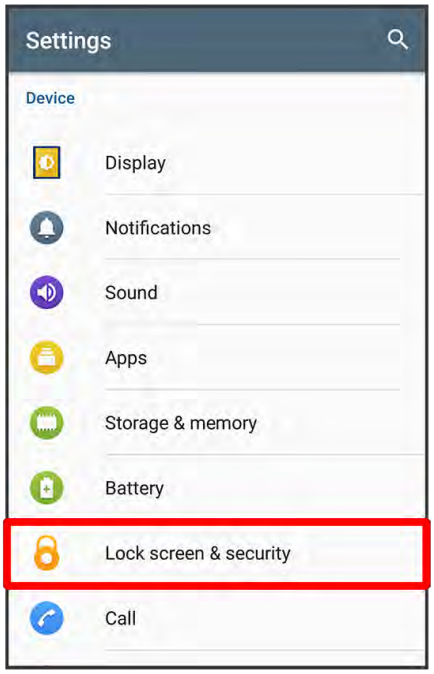
Entering incorrect PIN three consecutive times activates PIN Lock. To cancel, Personal Unblocking Key (PUK) is required; contact Customer Service. Entering incorrect PUK ten consecutive times locks SIM Card, disabling handset. For recovery, SIM Card must be reissued at a SoftBank Shop (fees apply).

Changing SIM PIN

First enable SIM PIN to change PIN.

1

In Home Screen, (Apps) (Settings) Lock screen & security



2

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

PIN is changed.

Locking Screen

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

Unlocking Screen

Unlocking Screen

1

In sleep mode (Screen lock active), [⏻]

Lock Screen appears.

2

Touch [⏻] or Flick screen upwards/left

Screen is unlocked.

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

Updating Software

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

Updating Software

Before Updating Software

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

Software Update Cautions

During Update

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

Signal during Update

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

If Using Other Functions

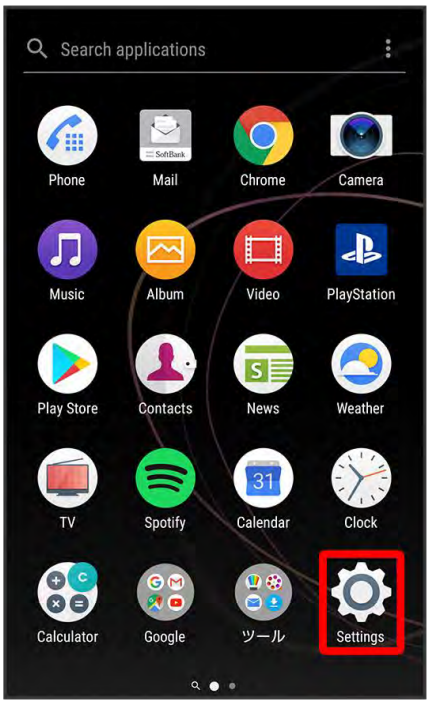
Other functions cannot be operated during a software update.

Updating Software

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

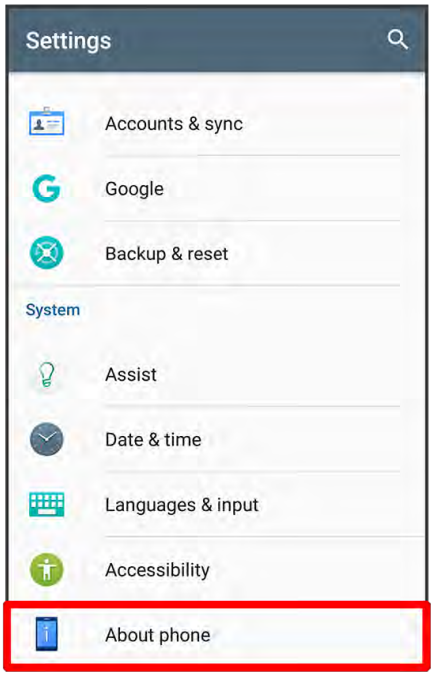
1

In Home Screen, (Apps) (Settings)



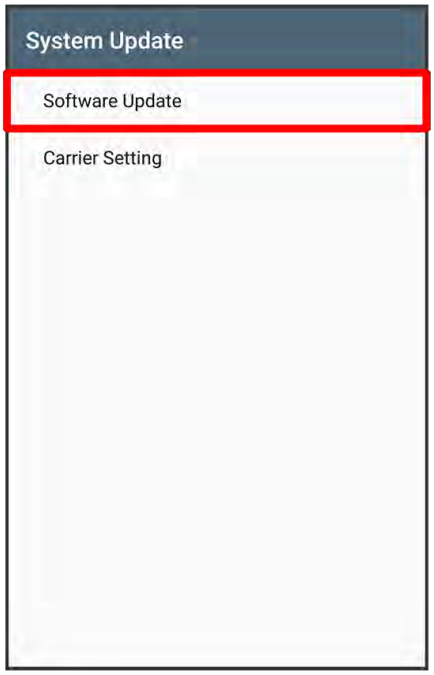
2

About phone



3

System Update ➔ Software Update



Software Update window opens.

4

Software Update ➔ Follow onscreen instructions

Software is updated.

Home Screen Basics

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

- Layout
- Toggling Home Screen Sheets

Layout

Item	Description
1 **Status Bar**	Drag down for Notifications Window. Drag Notifications Window down to open Quick Settings.
2 **Home Screen Position**	Current position among several Home Screen sheets.
3 **Dock**	Tap an icon to activate application or function. Customize with up to four application shortcuts. Also, create folders.
4 **Navigation Bar**	Tap Key icon to operate. For Navigation Bar, see "Navigation Bar."
5 **Customize Area**	Place application shortcuts, folders, widgets freely.

6 **Apps Key**	Open applications list.

Toggling Home Screen Sheets

Home Screen consists of 20 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.

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
- Main Notification Indicators
- Main Status Indicators

Status Bar Layout

① **Notification Indicators**
② **Status Indicators**

Main Notification Indicators

Notification Indicators appearing in Status Bar include the following.

Indicator	Description
	Launch Guide (Drag Status Bar down and open from Notifications Window)
	Missed Call
	Call Arriving/Calling/Dialing

	Call on Hold
	New Recorded Message
	New Voicemail
	New Gmail/Email
	New Email
	New Text Message (SMS)/S! Mail
	Urgent News
	Notification that Emergency Mode Enabled
	Wi-Fi Open Network Available
	USB Connected
	Sharing File via Bluetooth®
	Data Uploading
	Data Downloading
	Application Update Available
	Application Installation Complete
	Screenshot Saved
	Viewing TV[1]/Scheduled Viewing Started
	Recording TV[1]/Scheduled Recording Started
	Playing Back Music
	Calendar Event Reminder
	Snoozing/Unchecked Alarm
	Stopwatch/Timer in Use
	NFC/Osaifu-Keitai Locked
	Low Battery Alert (15% or less)
	SD Card Detected/Mounting
	Software Update Notice, Downloading Complete, Stopped
	"Alarms only" or "Total silence" Set for Do not disturb[2]
	"Total silence" Set for Do not disturb[2]

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

2 Set from Quick Settings. Tap and enable "Do not disturb" beforehand. For details, see "Using Notifications Window/Quick Settings."

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[1]
	3G Data in Use
	No Signal
	Airplane Mode
	Wi-Fi Connected
	Wi-Fi Connected without Internet Accessibility, or Unstable Wi-Fi Signal
	Bluetooth® On
	Bluetooth® Connected
	Silent Mode (Vibrate)
	Silent Mode (Mute)/"Alarms only" or "Total silence" Set for Do not disturb[2]
	Alarm Set
	Obtaining Current Location

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

2 Set from Quick Settings. Tap and enable "Do not disturb" beforehand. For details, see "Using Notifications Window/Quick Settings."

Using Notifications Window/Quick Settings

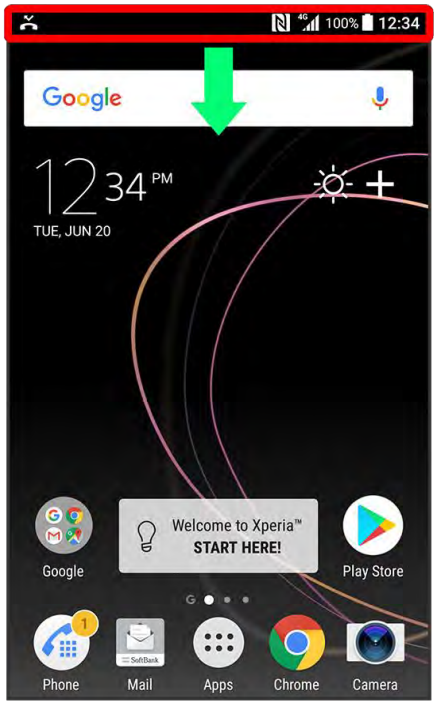
Check Notification Indicators and the details in Notifications Window. Tap icons on Quick Settings to set each function on/off.

Opening Notifications Window/Quick Settings

Opening Notifications Window/Quick Settings

1

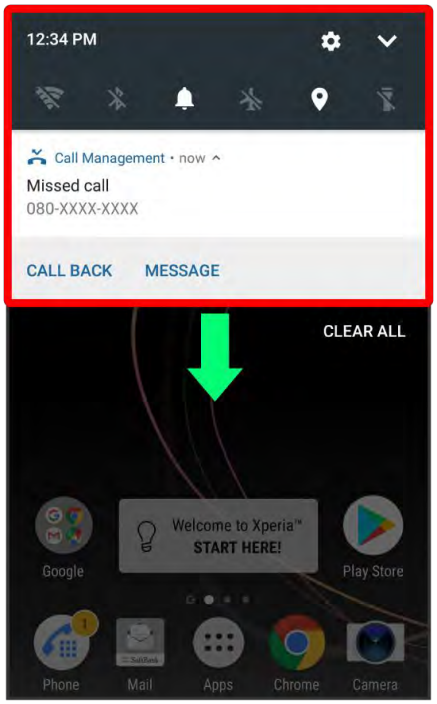
Drag Status Bar down



Notifications Window opens.

2

Drag Notifications Window down



Quick Settings opens.

- Alternatively, Tap to open Quick Settings.

Closing Notifications Window/Quick Settings

Drag Notifications Window/Quick Settings up

- Alternatively, Tap to close Notifications Window/Quick Settings.

Placing/Answering Calls

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

Placing Calls

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.

Adjusting Volume of Call

Press Volume Up/Down Key.

Hints

Q Difficulty during call

A It may not be possible to make a call properly in a noisy location.

A When calling using Speaker, check the call volume. Raising the call volume may make calling difficult.

Q Sound pops momentarily during a call

A Are you changing location while calling? Sound pops when signal is weak and handset switches to a different area.

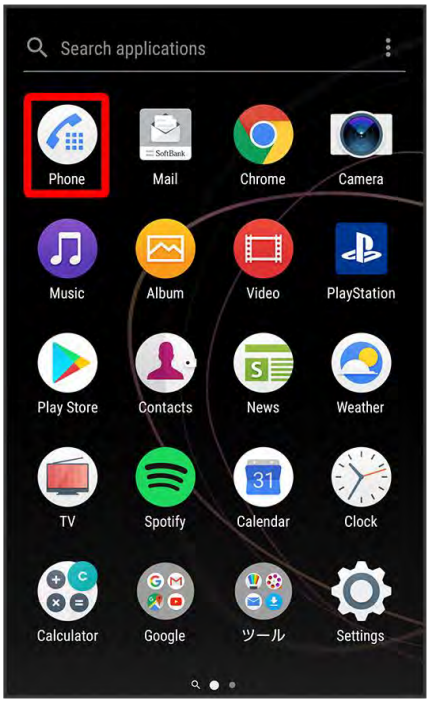
Emergency Call Cautions

Note that Airplane mode disables Emergency calls.

Placing Calls

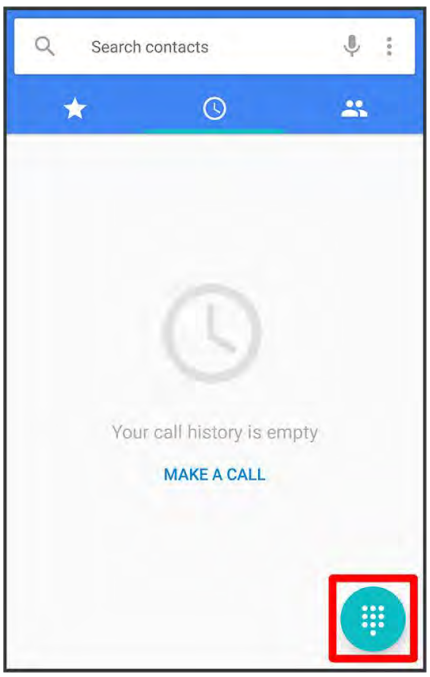
1

In Home Screen, (Apps) (Phone)



Phone opens.

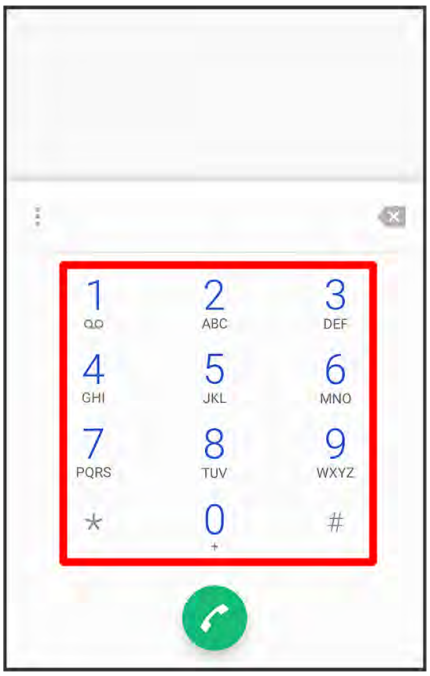
2



Call window opens.

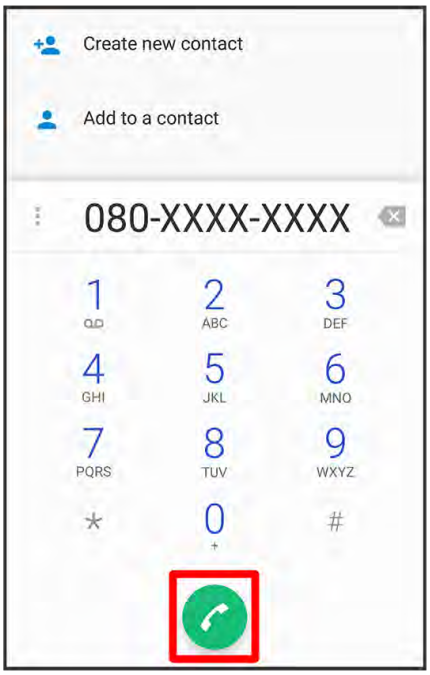
3

Tap dialpad to enter the other party's number



- Enter area code first for calling landline numbers.

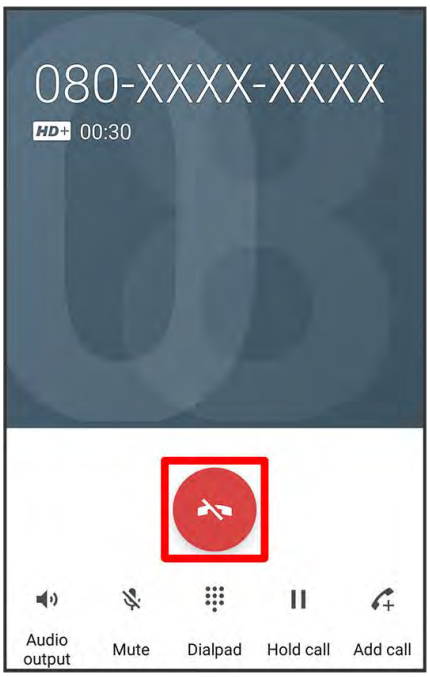
4



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 CALL/INFO → 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

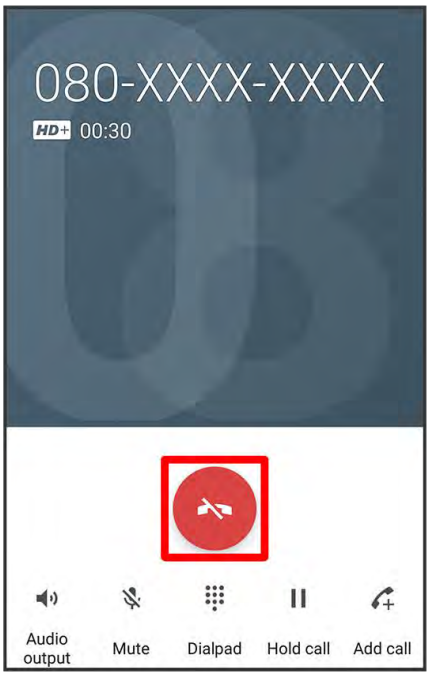
1

When a call arrives, Drag to right

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 .

Rejecting Arriving Calls

Drag to left when call is arriving

Optional Services

Use the following optional services.

- Optional Services
- Using Call Forwarding
- Using Voicemail
- Changing Call Waiting Settings
- Using Group Calling
- Using Caller ID Notification
- Using Call Barring

Optional Services

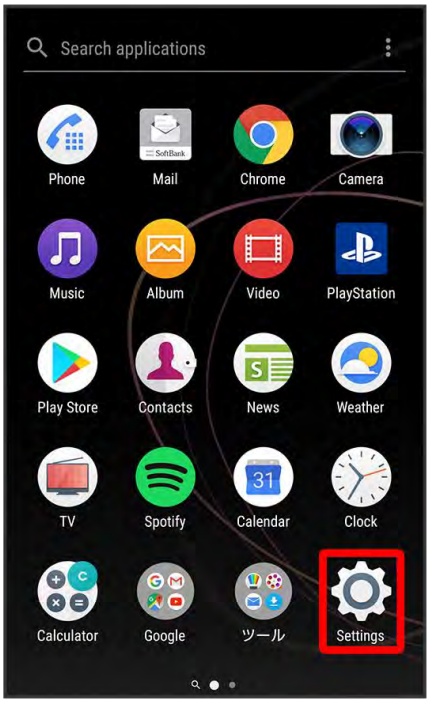
Use the following optional services.

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[1]	Answer calls during a call.
Group Calling[1]	Merge multiple calls.
Notify Caller ID	Send or hide your number when placing calls.
Call Barring	Restrict incoming/outgoing calls by conditions.

1 Requires separate subscription.

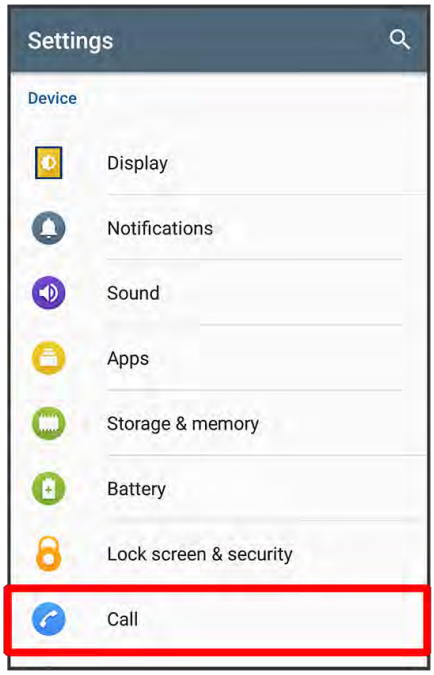
Using Call Forwarding

In Home Screen, (Apps) (Settings)



2

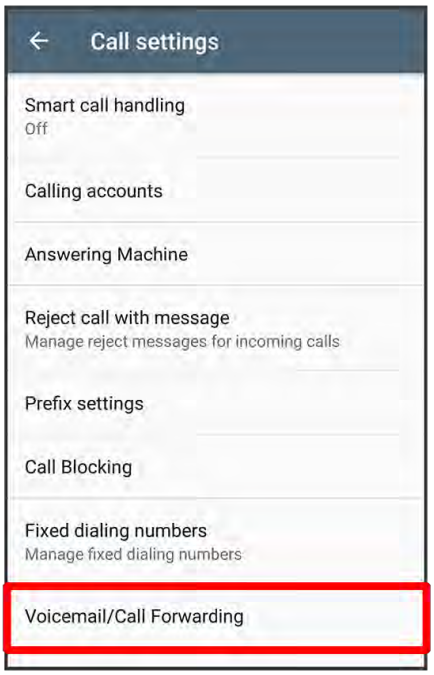
Call



Call settings open.

3

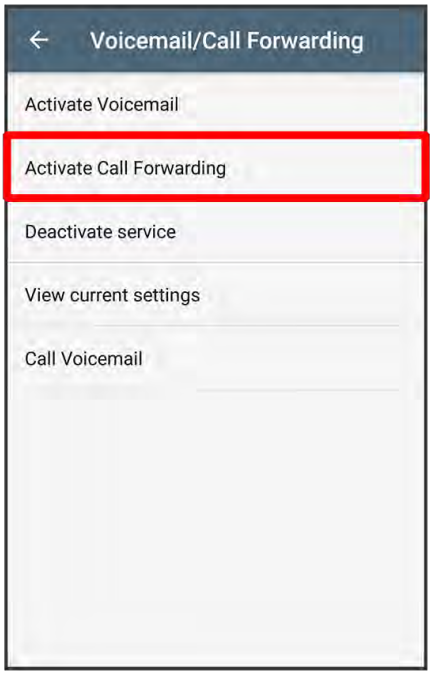
Voicemail/Call Forwarding



Voicemail/Call Forwarding settings open.

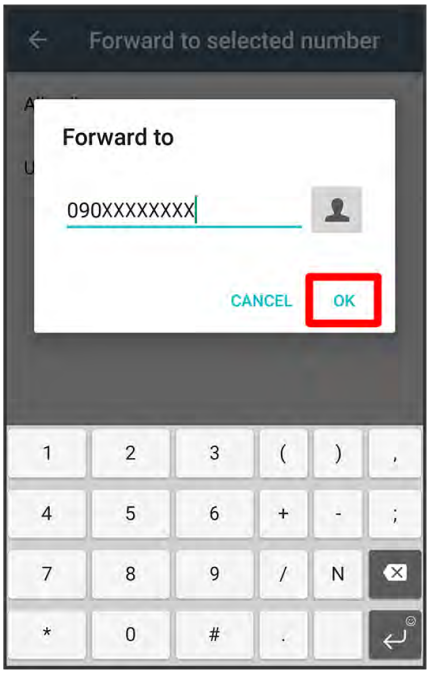
4

Activate Call Forwarding



5

All calls/Unanswered calls → Enter phone number to forward to → OK



- If Unanswered calls is selected, set ring time.
- Tap → Contacts to select phone number to forward to from Contacts.

6

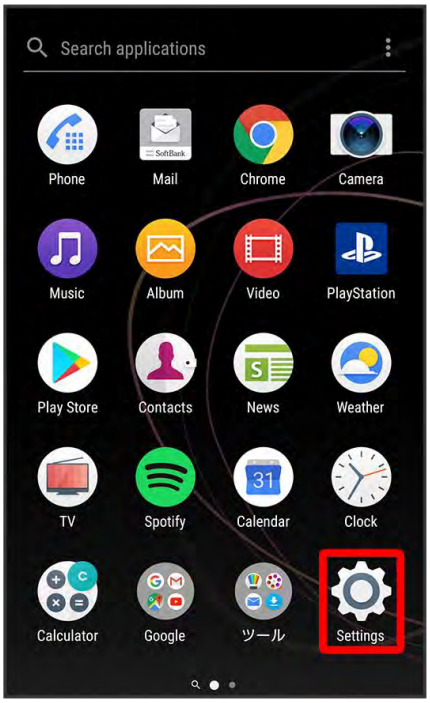
OK

Call Forwarding is activated.

Using Voicemail

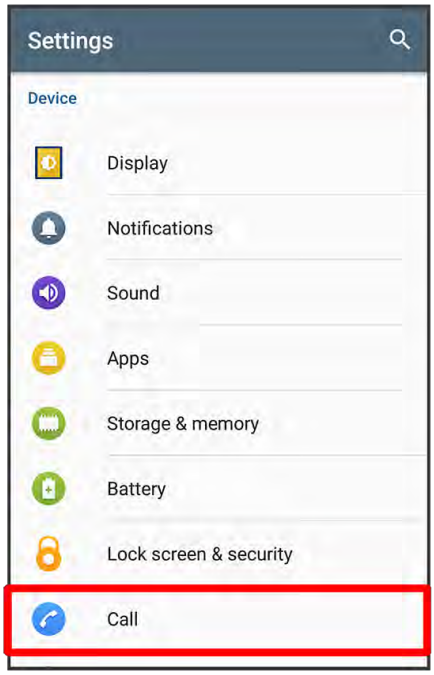
1

In Home Screen, (Apps) (Settings)



2

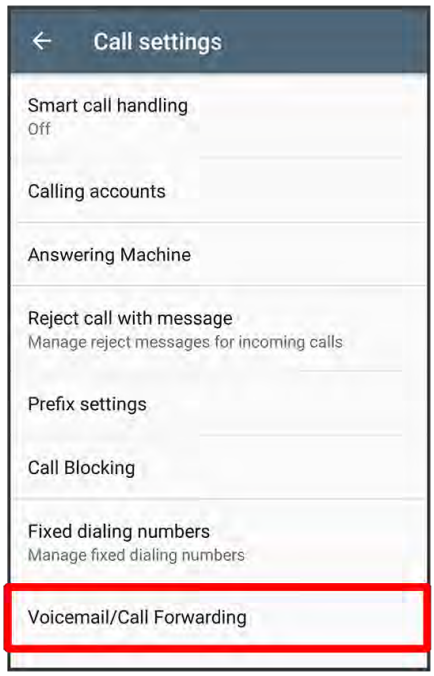
Call



Call settings open.

3

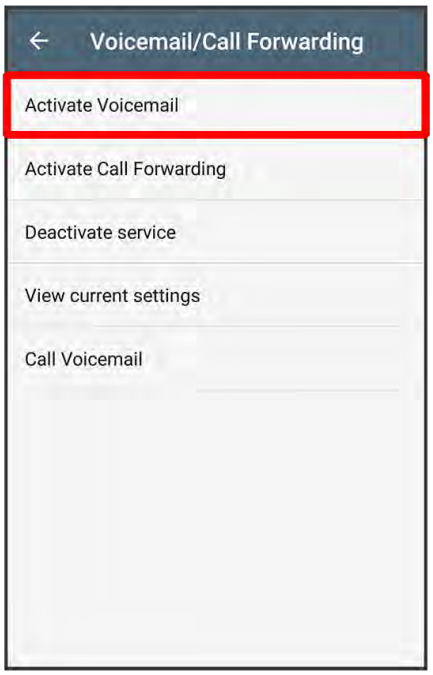
Voicemail/Call Forwarding



Voicemail/Call Forwarding settings open.

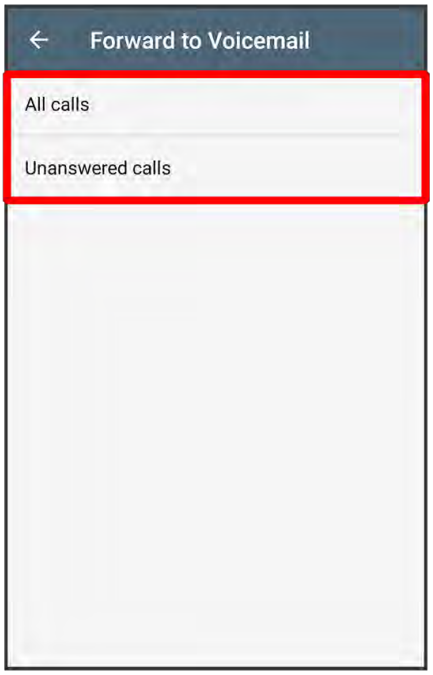
4

Activate Voicemail



5

All calls/Unanswered calls



■ If Unanswered calls is selected, set ring time.

6

OK

Voicemail is activated.

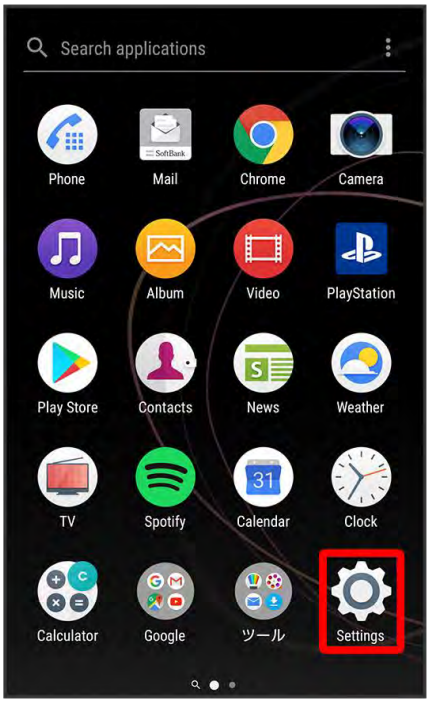
■ When new message is recorded, appears on Status Bar. Drag Status Bar down and Tap new voicemail then follow the voice prompts.

Changing Call Waiting Settings

This service requires subscription.

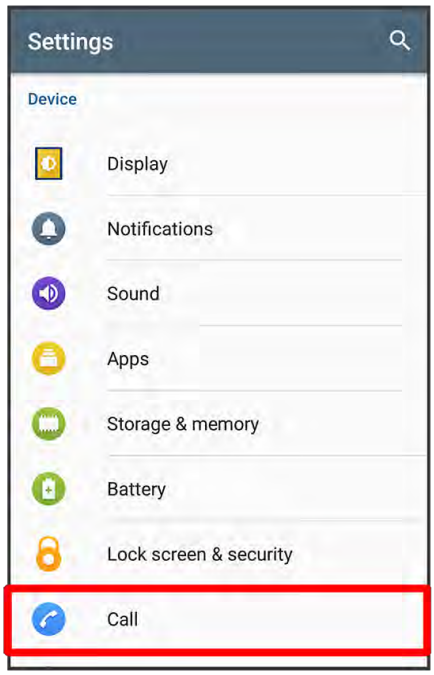
1

In Home Screen, (Apps) (Settings)



2

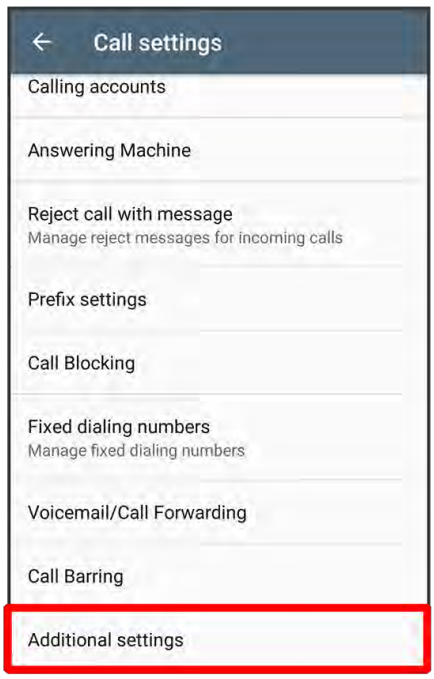
Call



Call settings open.

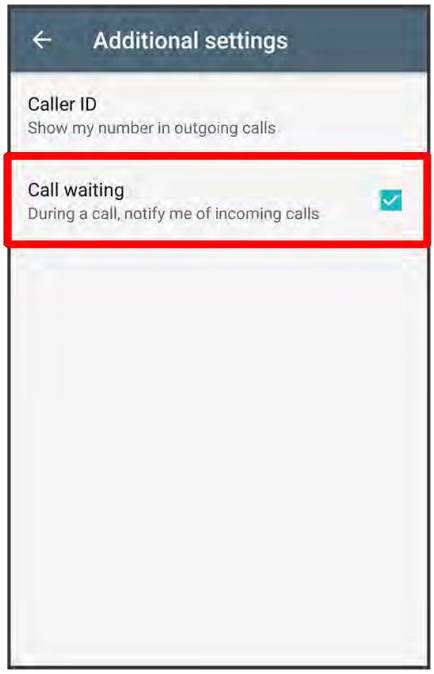
3

Additional settings



4

Call waiting (☐)



Call Waiting is cancelled.

- 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

right to answer.

Using Group Calling

This service requires subscription.

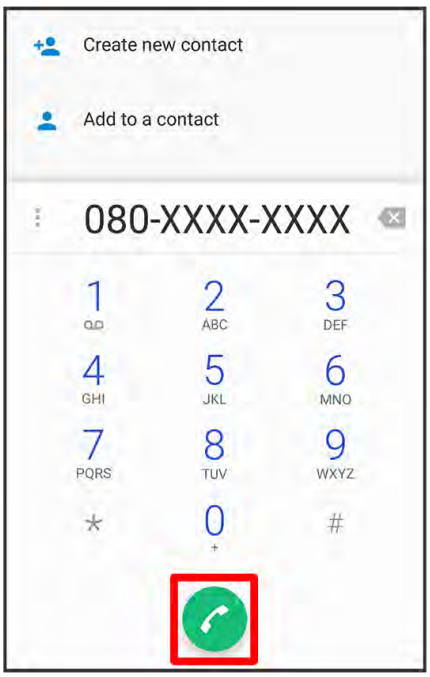
1

During a call, Add call

Call History opens.

2

Enter phone number

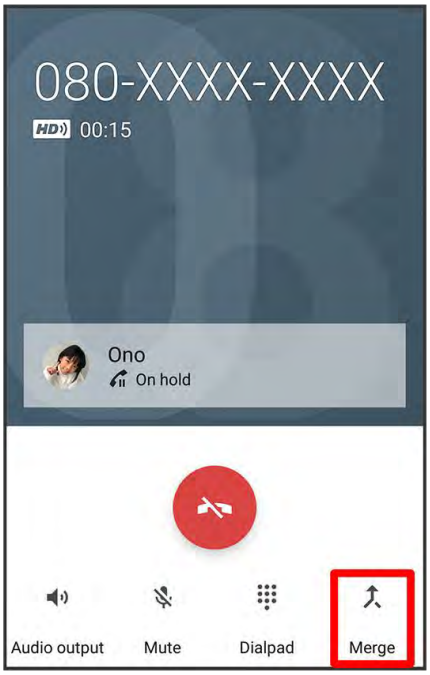


Call is added.

■ Alternatively, Tap contact in Call History to add call.

3

When the other party answers, Merge

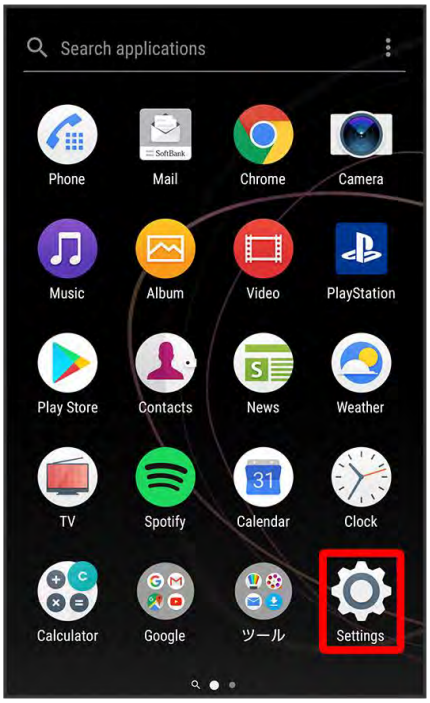


Group Calling starts.

Using Caller ID Notification

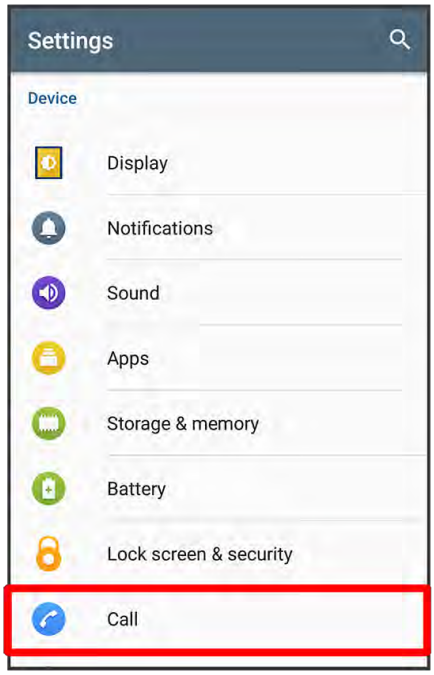
1

In Home Screen, (Apps) (Settings)



2

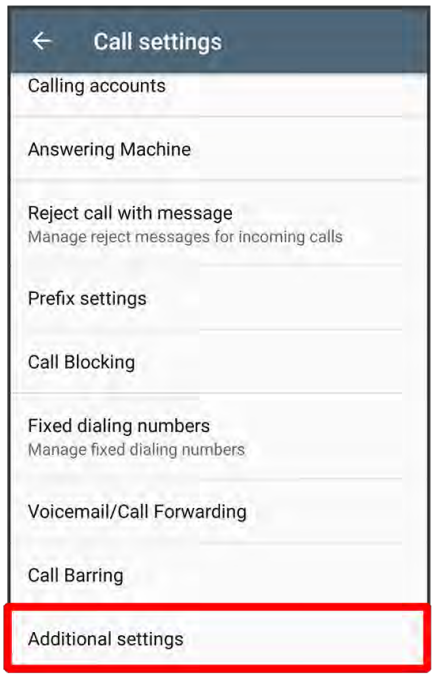
Call



Call settings open.

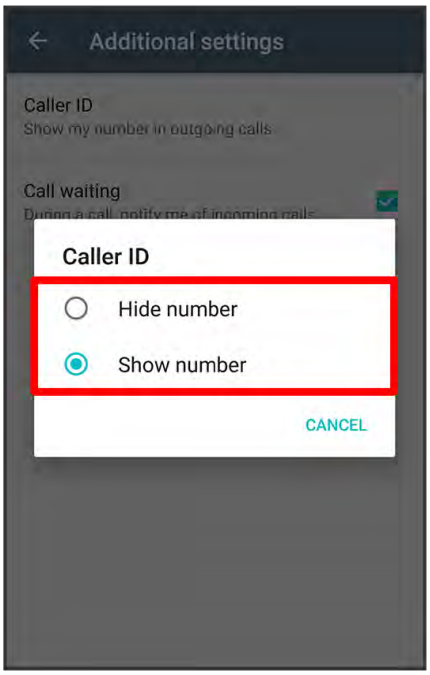
3

Additional settings



4

Caller ID → Hide number/Show number



Caller ID is set.

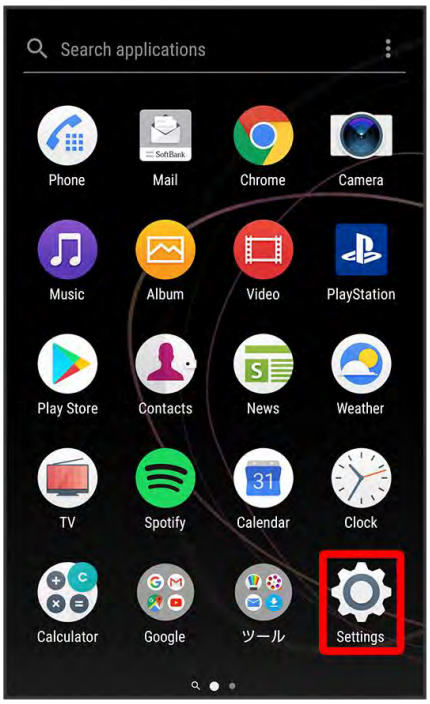
Using Call Barring

Restrict call and SMS.

- If a call or SMS is attempted while calling is restricted, a message appears. Message may take time to appear in some areas.

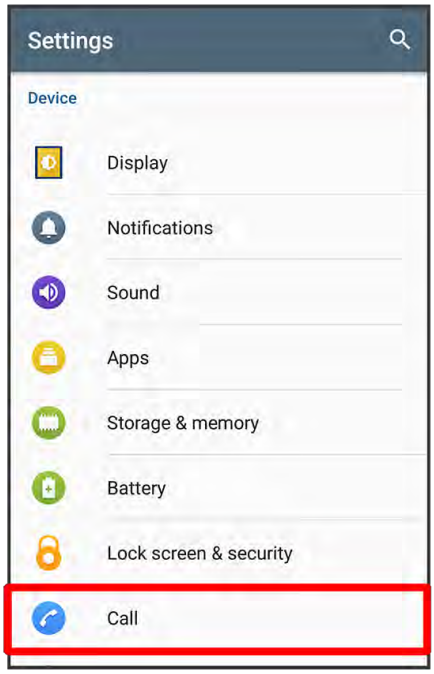
1

In Home Screen, (Apps) → (Settings)



2

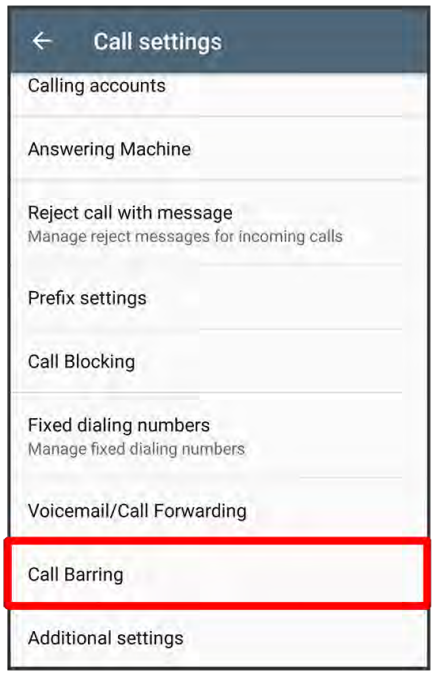
Call



Call settings open.

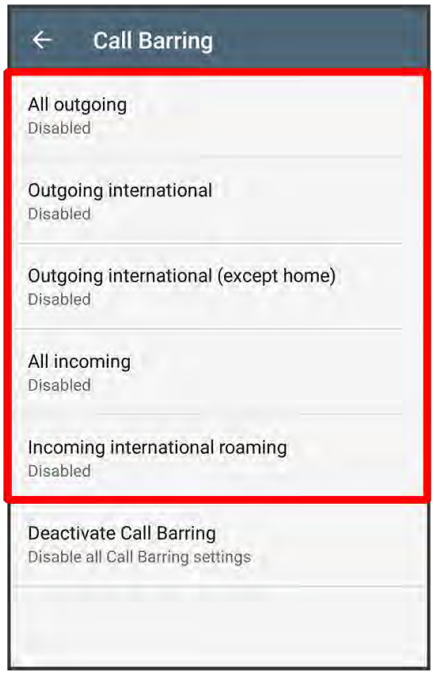
3

Call Barring



4

Tap target option to restrict



5

TURN ON

Call Barring is set.

- To disable all call barring, Tap Deactivate Call Barring, then Tap TURN OFF.

Using Contacts

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

Adding New Contacts

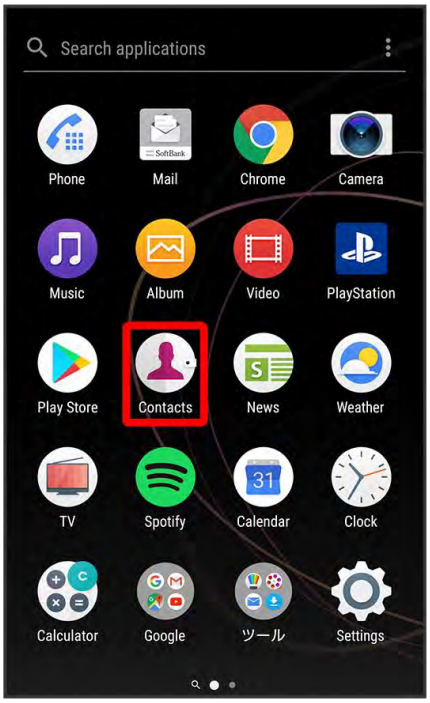
Contacts Cautions

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

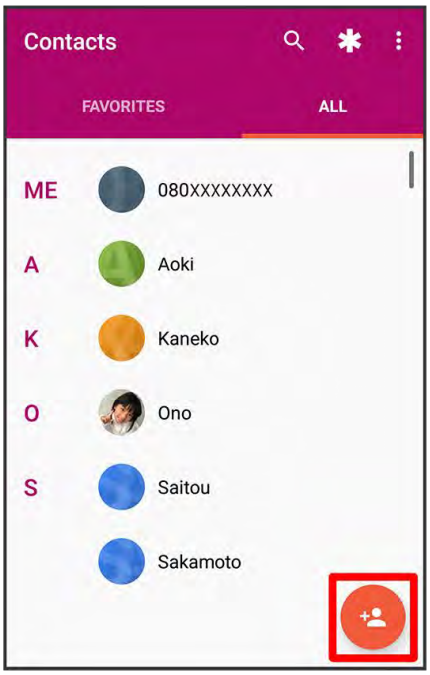
1

In Home Screen, (Apps) (Contacts)



Contacts appear.

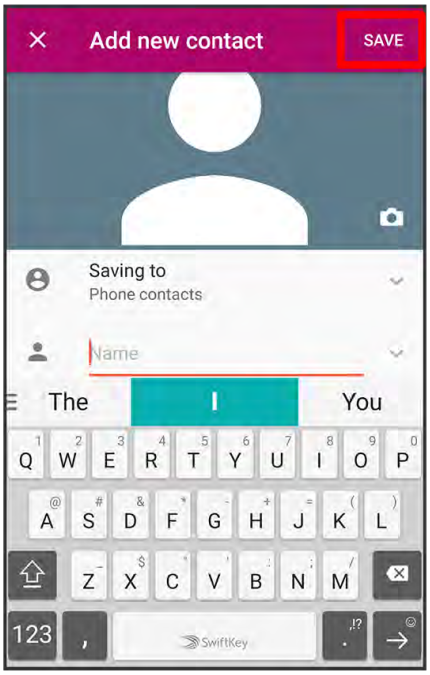
2



■ If confirmation appears, follow onscreen instructions.

3

Enter items SAVE



Contact is added.

Saving Contacts from Call Window

Save a number entered in call window directly to Contacts.

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

Messaging

- S! Mail
- SMS
- Gmail
- Email

S! Mail

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

SMS

Exchange short messages (up to 160 single-byte characters) using handset numbers as addresses.

Gmail

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

Email

Use email (POP3/IMAP4) on handset.

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

Sending S! Mail/SMS

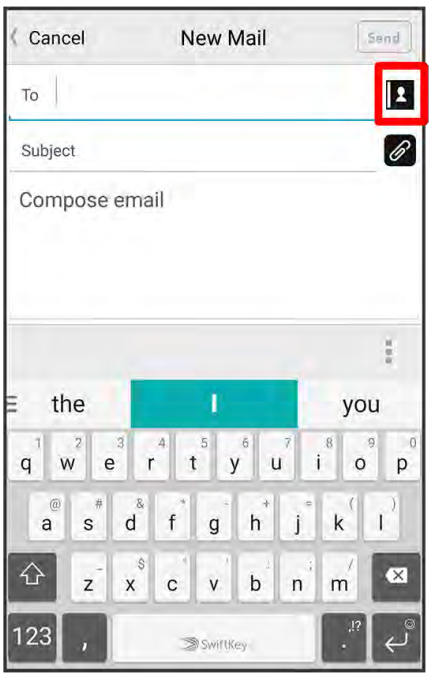
Sending S! Mail/SMS

Sending S! Mail/SMS

1

In Home Screen, (Apps) (Mail)

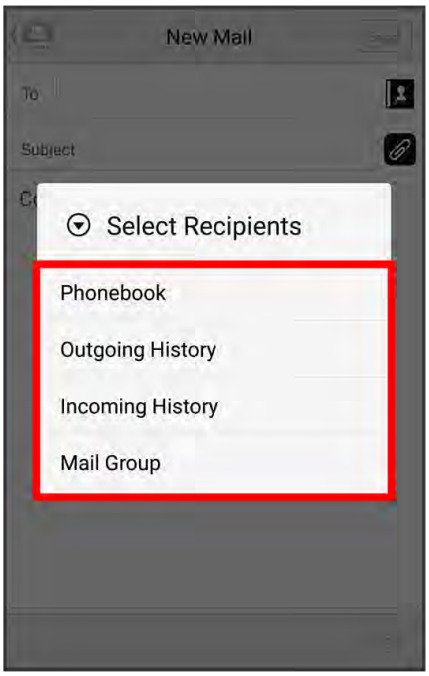
2



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

3

Phonebook/Outgoing History/Incoming History/Mail Group



- Tap Phonebook, Outgoing History, or Incoming History to select recipients from Phonebook,

Outgoing History, or Incoming History.

- Tap Mail Group to select a mail group and set all the members on the list as recipients.

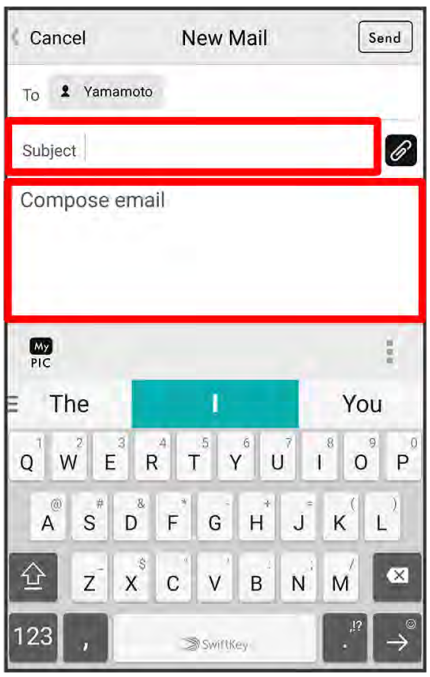
4

Select recipients ➔ OK

- Tap Phonebook/Outgoing History/Incoming History/Mail Group to change recipient lists.
- After setting recipients, Tap ○○○○ to check recipients' phone numbers/email addresses or set them to Cc/Bcc.
- If recipients are set to Cc/Bcc, the mail is sent as S! Mail.
- To delete a recipient, Tap ○○○○ and then the ✕ on the ✕ ○○○○. Alternatively, Tap ○○○○ and then Delete recipient.

5

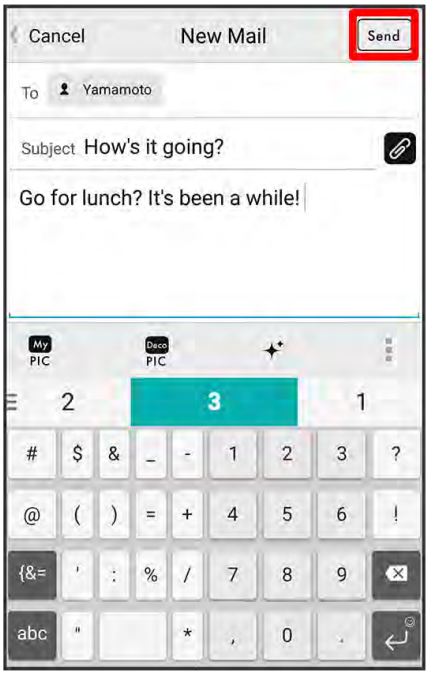
Tap Subject field/text entry field ➔ Enter subject/text



- Tap to attach a file.
- If a subject is entered or a file is attached, the mail sent as S! Mail.

6

Send



S! Mail/SMS is sent.

■ Failed S! Mail/SMS messages are saved as drafts.

Sending S! Mail/SMS

Switching S! Mail/SMS

S! Mail and SMS switch automatically when sending, depending on whether there is a subject, text length, etc.

■ When creating mail, check which it will be sent as at top of Display.

・"New Mail" appears: mail is sent as S! Mail.

・"New SMS" appears: mail is sent as SMS.

■ In Home Screen, (Apps) (Mail) Common Settings Tap SMS/S!Mail Automatic Switching ( ) to allow selection between (S! Mail) and (SMS) when creating mail.

About Drafts

When is Tapped while creating S! Mail or SMS, the message is saved as a draft. Drafts are indicated as in thread list, and are saved to Draft Box in folder list. Open an S! Mail/SMS draft to edit and send it.

Using Gmail

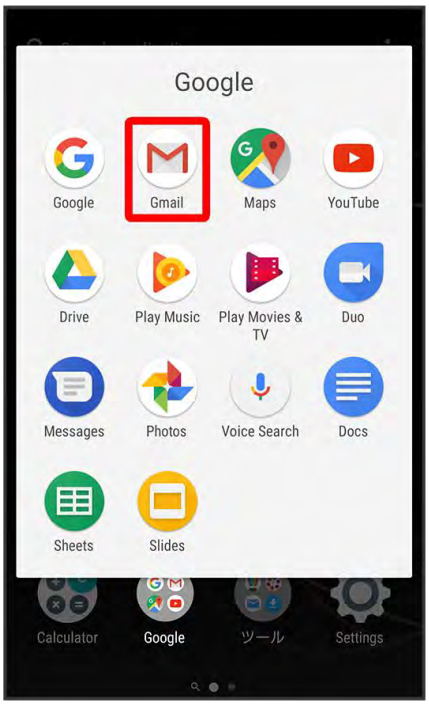
Use Google's webmail service. Use this service to exchange email.

Creating/Sending Gmail

Creating/Sending Gmail

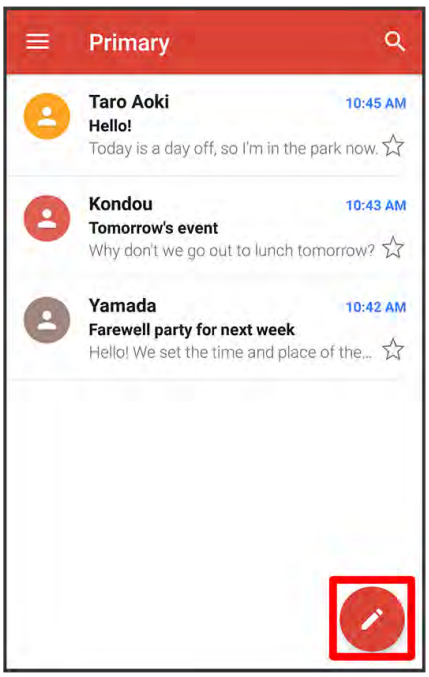
1

In Home Screen, (Apps) (Google) (Gmail)



Mail list opens.

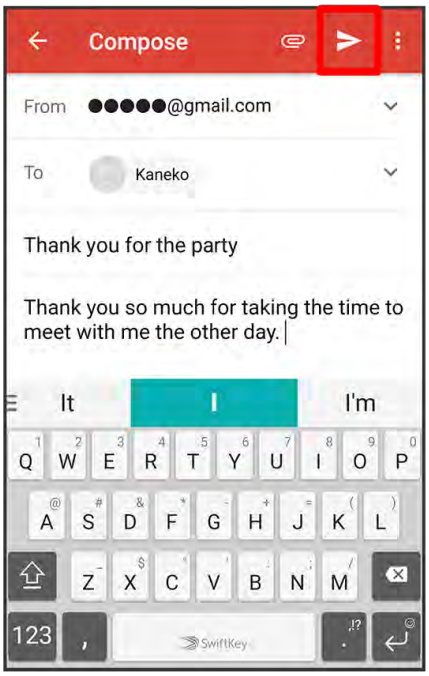
2



Mail composition window opens.

3

Enter recipient/subject/mail text



Message is sent.

Operations when Composing Gmail

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 DISCARD

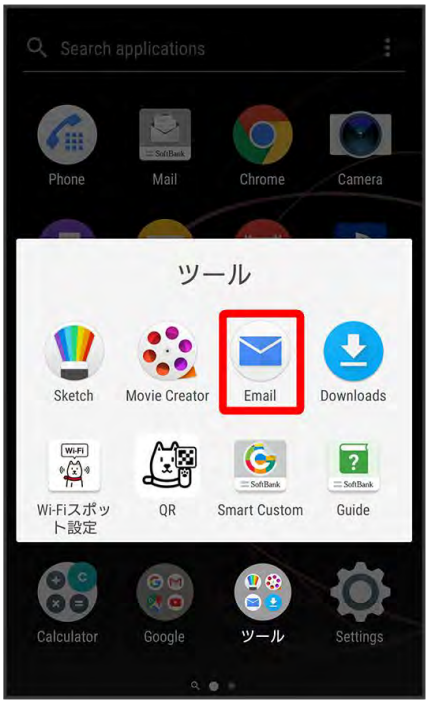
Using Email

Adding Accounts

Adding Accounts

1

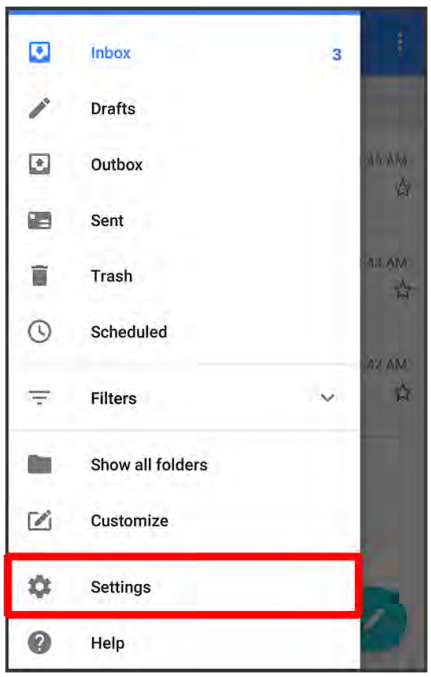
In Home Screen, (Apps) (ツール(Tools)) (Email)



Email list opens.

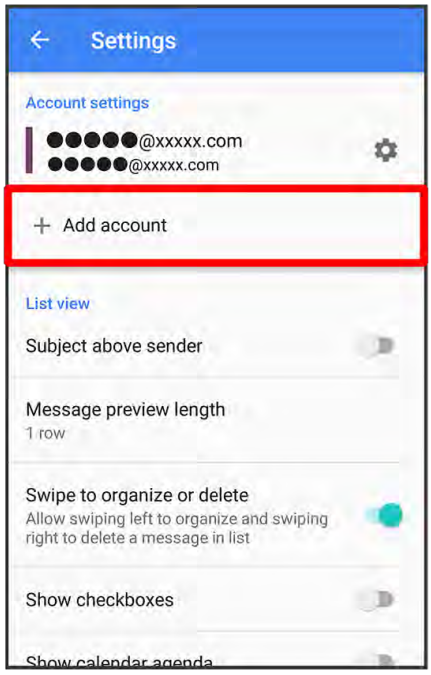
2

Settings



3

Add account



4

Follow onscreen instructions

Email account is added.

Using Chrome

Use the browser simply by entering words to search and URLs.

- Using Chrome
- Adding Bookmarks
- Opening New Tabs

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.).

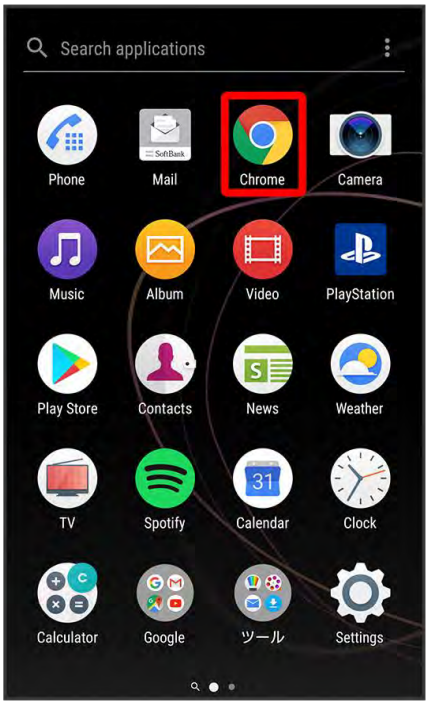
TLS Cautions

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, (Apps) (Chrome)

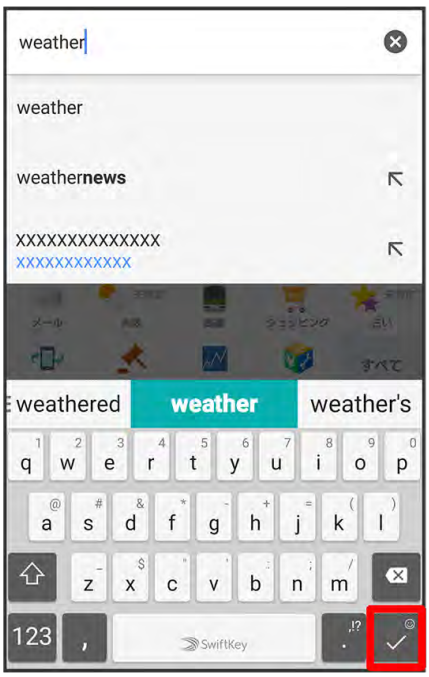


Chrome opens.

■ If confirmation appears, follow onscreen instructions.

2

Tap entry box at top → Enter words to search or URL →



Search results appear or a Web page opens.

Chrome Operations

Signing in to My SoftBank

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

In Chrome, ⋮ Bookmarks SoftBank My SoftBank Follow onscreen instructions

Searching within Web Page

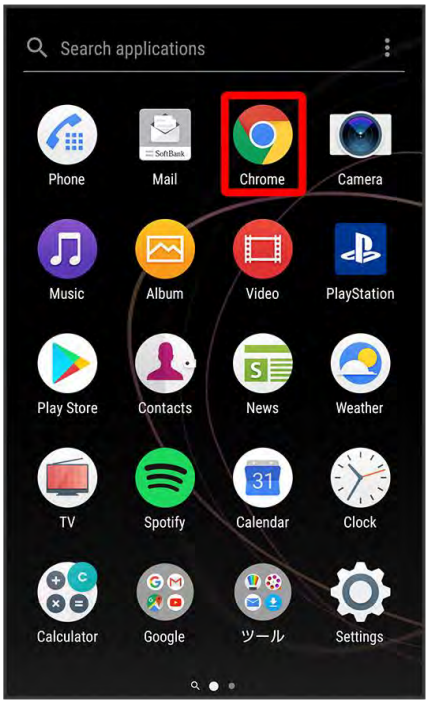
With Web page open, ⋮ Find in page Enter search text

Search results are shown highlighted.

Adding Bookmarks

1

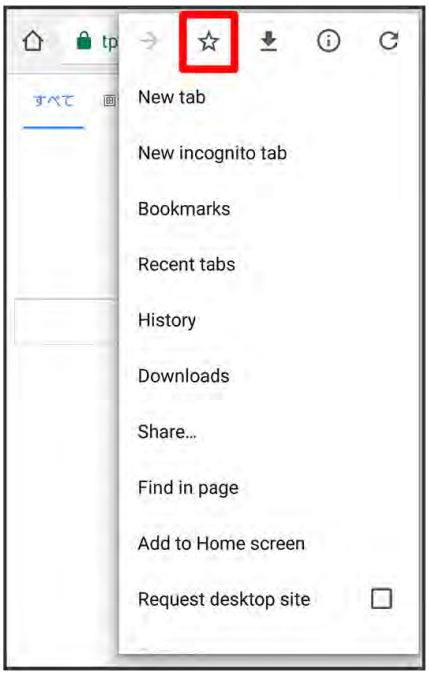
In Home Screen, (Apps) (Chrome)



Chrome opens.

2

Show Web page to add ⋮ ☆



Web page is bookmarked.

Bookmark Operations

Editing Bookmarks

In Chrome, ⋮ Bookmarks Touch & Hold target bookmark Edit items ←

■ Alternatively, Tap ⋮ of bookmark Edit.

Deleting Bookmarks

In Chrome, ⋮ Bookmarks Touch & Hold target bookmark

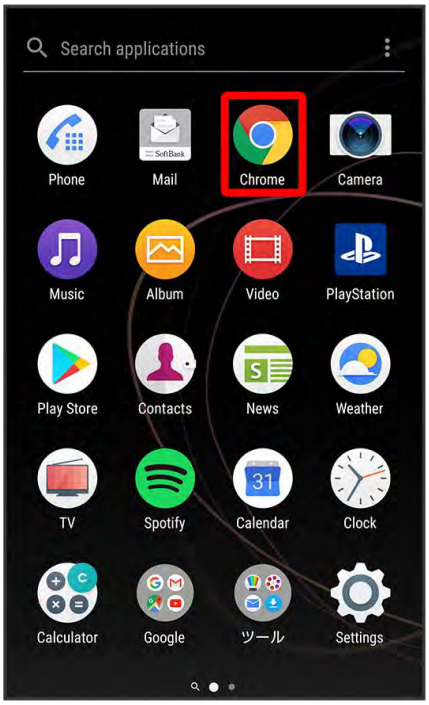
■ Alternatively, Tap ⋮ of bookmark Delete.

Opening New Tabs

Open several tabs to switch between Web pages easily.

1

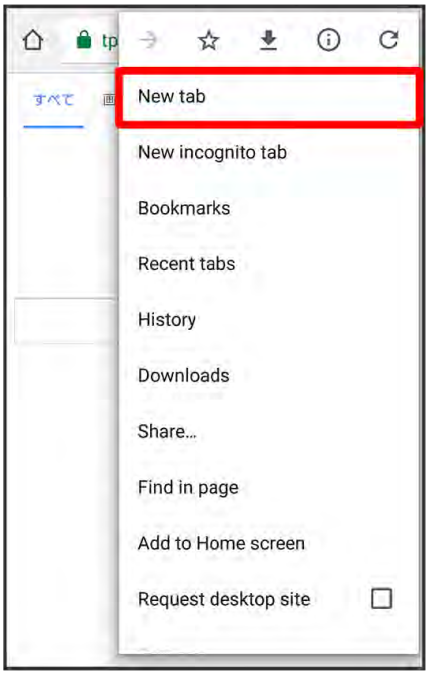
In Home Screen, (Apps) (Chrome)



Chrome opens.

2

New tab



New tab appears.

- To switch between tabs in Chrome, Tap 2 next to entry field at top of Display and Tap tab (number in icon indicates opened tabs).

Capturing Still Images/Videos

Capturing Still Images

Capturing 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.

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

Captured still images are saved to handset (internal storage).

■ To save to SD Card, insert SD Card and change the saving location setting before using Camera.

1

In Home Screen, (Apps) (Camera)

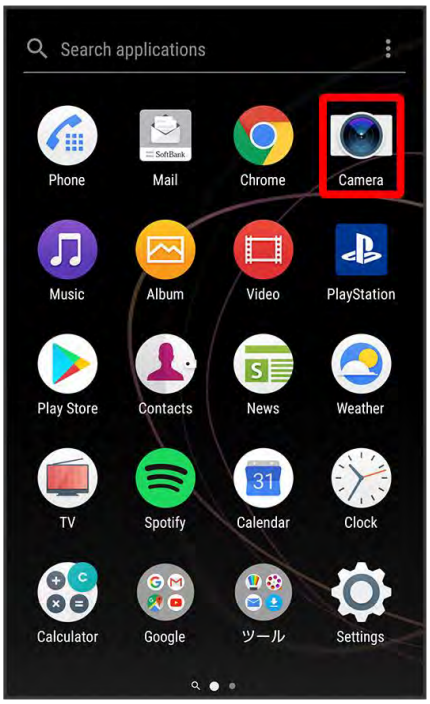


Photo Viewfinder appears.

- If confirmation appears, follow onscreen instructions.
- Alternatively, Long Press for one second or more, or in Lock Screen Flick to quick-activate Camera.
- If there is no operation for about three minutes on Viewfinder (about 30 seconds when quick-activated), Camera operation ends.

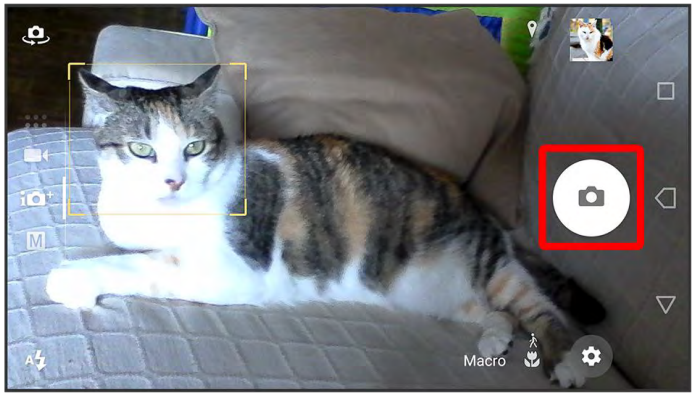
2

Swipe (Flick) Photo Viewfinder to switch to "SUPERIOR AUTO" or "MANUAL"

- Swipe (Flick) up or down in a landscape viewfinder, or left or right in a portrait viewfinder.
- To use Camera app, select an application in CAMERA APPS.

3

Aim Camera at subject → Check Viewfinder, then



Shutter clicks and still image is saved.

Capturing Videos

1

In Home Screen, (Apps) → (Camera)

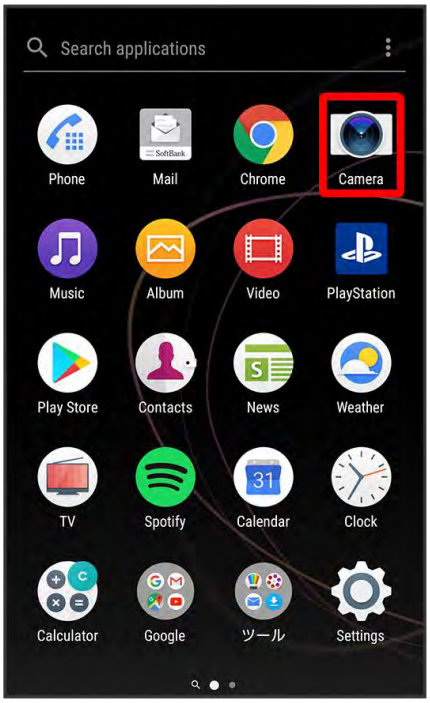


Photo Viewfinder appears.

- If confirmation appears, follow onscreen instructions.
- Alternatively, Long Press for one second or more, or in Lock Screen Flick to quick-activate Camera.
- If there is no operation for about three minutes on Viewfinder (about 30 seconds when quick-activated), Camera operation ends.

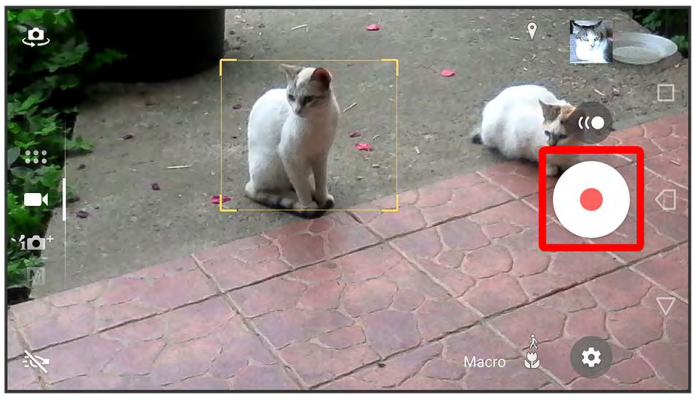
2

Swipe (Flick) Photo Viewfinder to switch to Video Viewfinder

- Swipe (Flick) up or down in a landscape viewfinder, or left or right in a portrait viewfinder.
- To use Camera app, select an application in CAMERA APPS.

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 Captured Still Images/Videos (Album)

Showing Still Images/Videos

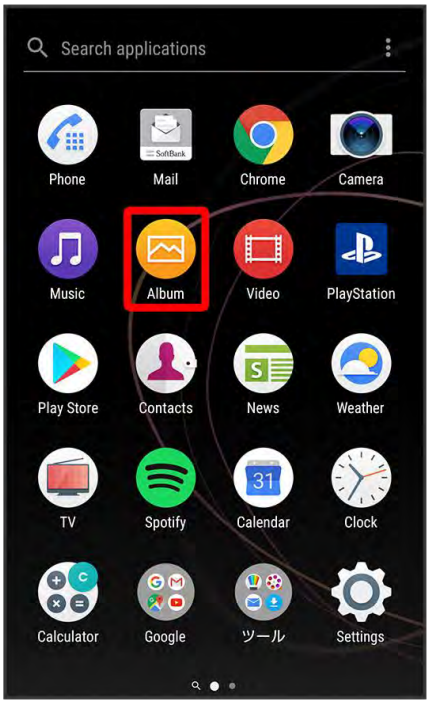
Showing Still Images/Videos

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), WEBP (.webp)
Video	H.263 (.mp4, .3gp, .3gpp), H.264 (.mp4, .m4v, .3gp, .3gpp, .ts, .avi, .mkv), H.265 (.mp4, .mkv), MPEG-2 Video (.ts), MPEG-4 Video (.mp4, .m4v, .3gp, .3gpp), VP8 (.mkv, .webm), VP9 (.mkv, .webm), Xvid (.avi)

1

In Home Screen, (Apps) (Album)



Still picture/video list opens.

- If confirmation appears, follow onscreen instructions.

2

Tap still image/video

Still image/video opens.

- Tap the image playback to show captured date & time or option menu icons.
- For video, Tap and follow onscreen instructions.
- To select other files, Tap to return to list, then select file again or Flick playback window left or right.

Zooming In or Out Still Image

In still image playback window, Tap Display twice or pinch

Listening to Music

Playing Music

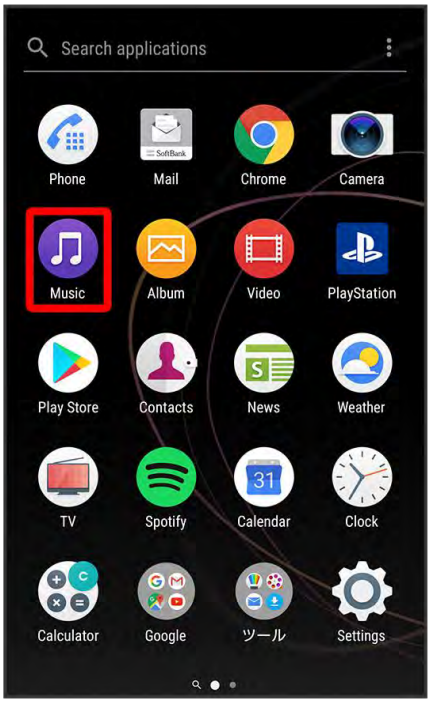
Playing Music

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

■ AAC-LC (.mp4, .m4v, .3gp, .3gpp, .ts, .avi, .aac, .m4a), AAC+ (.mp4, .3gp, .3gpp, .ts, .avi, .aac), eAAC+ (.mp4, .3gp, .3gpp, .ts, .avi, .aac), AAC-ELD (.mp4, .3gp, .3gpp), AMR-NB (.3gp, .3gpp, .amr), AMR-WB (.3gp, .3gpp, .awb), FLAC (.flac), MP3 (.mp3), MIDI (.mid, .xmf, .mxmf, .rtttl, .rtx, .ota, .imy), Vorbis (.mkv, .webm, .mka, .ogg), PCM (.avi, .wav, .aiff, .aif, .aifc), Opus (.mkv, .webm, .mka, .ogg), ALAC (.m4a), WMA (.wma), DSD (.dsf, .dff)

1

In Home Screen, (Apps) (Music)



Home screen of Music appears.

■ Follow onscreen instructions.

Connecting by Wi-Fi

Handset supports Wi-Fi (wireless LAN). Access the Internet via a household Wi-Fi connection environment. For Wi-Fi router (manufactured by FON) users, see "Fonルーター かんたん設定ガイド" for details.

Selecting a Network Connection

Automatic Updates for Optimizing Wi-Fi Connection

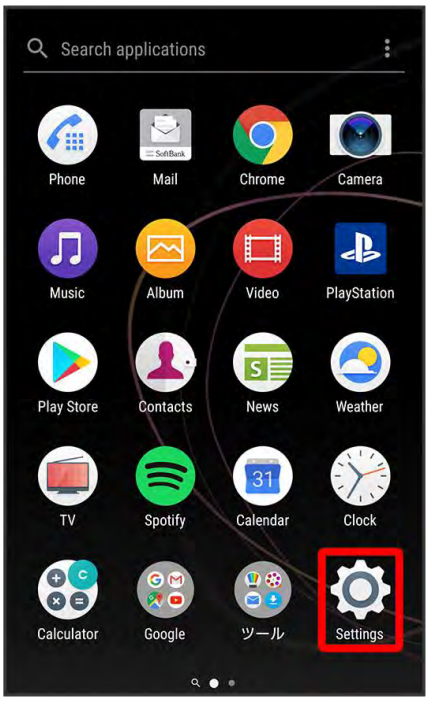
While using Wi-Fi, updates for optimizing connection may be received or applied automatically.

Selecting a Network Connection

Enable Wi-Fi and select Wi-Fi network to connect.

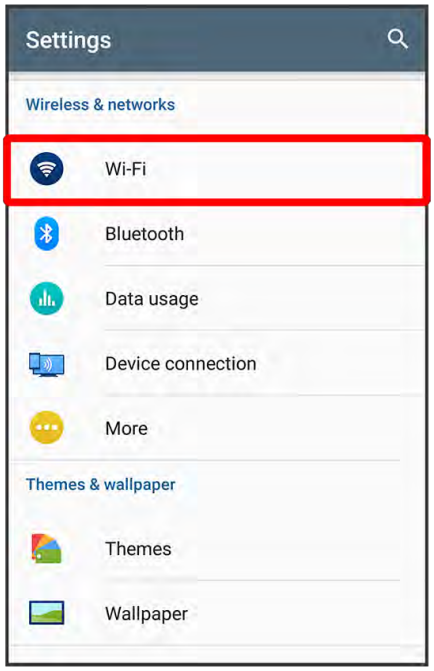
1

In Home Screen, (Apps) (Settings)



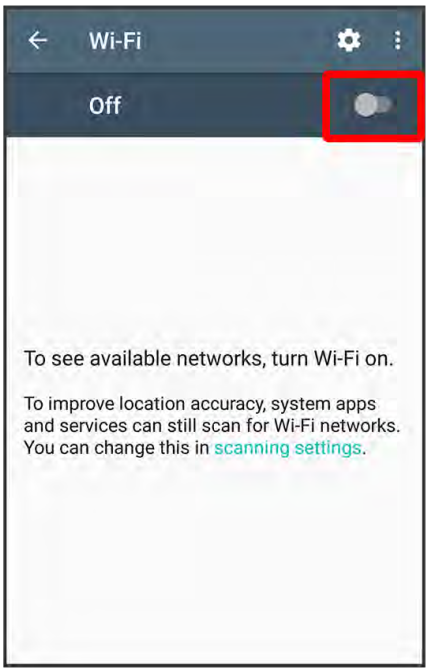
2

Wi-Fi



Wi-Fi settings open.

3

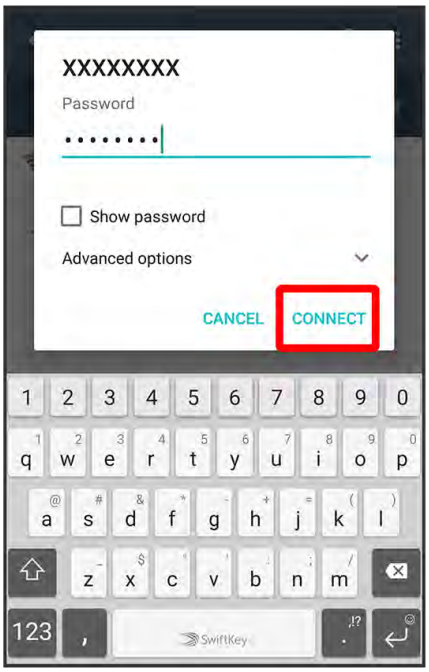


Wi-Fi is enabled ( ).

- Wi-Fi networks are scanned. Available networks appear after scanning.
- To disable Wi-Fi, Tap ( ).

4

Tap Wi-Fi network Enter password CONNECT



Handset is connected.

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

Wi-Fi Operations

Scanning Wi-Fi Networks

In Wi-Fi settings, Refresh

Available networks appear after scanning.

Connecting a WPS-Capable Device

In Wi-Fi settings, More features WPS Push Button/WPS PIN Entry Follow onscreen instructions

Using Bluetooth® Function

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

Enabling Bluetooth® Function

Hints

Q Cannot use Bluetooth®

A Is handset in Airplane mode? Bluetooth® turns off in Airplane mode. Turn on Bluetooth® enable in Airplane mode.

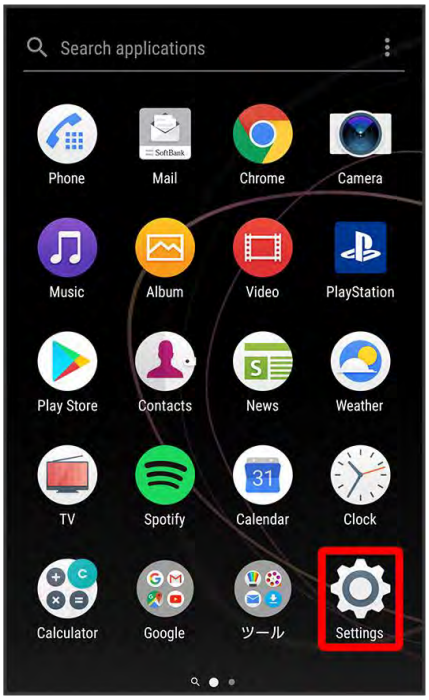
Bluetooth® Function Cautions

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

Enabling Bluetooth® Function

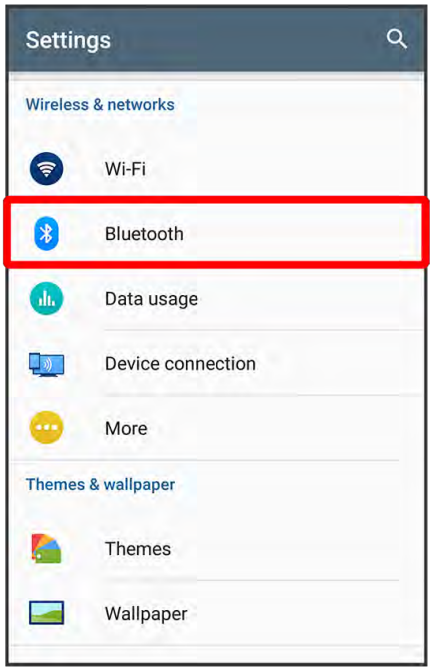
1

In Home Screen, (Apps) (Settings)



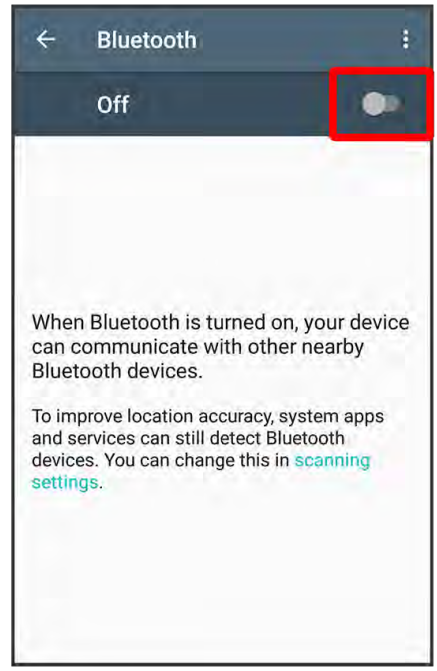
2

Bluetooth



Bluetooth® settings open.

3



Bluetooth® function is enabled ( ).

- To disable Bluetooth® function, Tap ( ).

Making Calls while Abroad

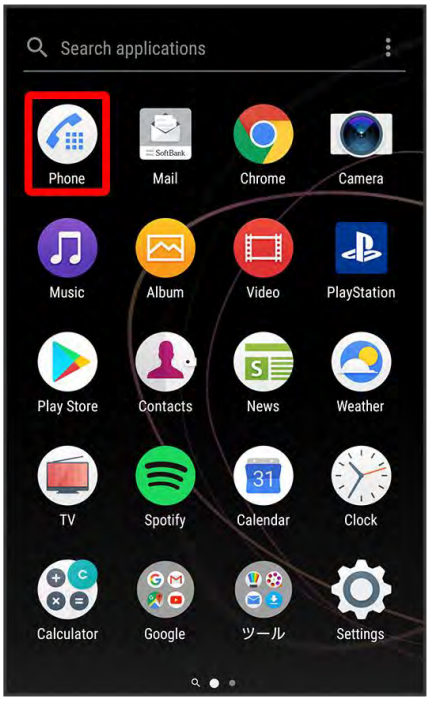
Carry "世界対応ケータイ海外ご利用ガイド" (Japanese guide) overseas.

- International Calls to Japan and Other Countries from Abroad
- Calls to Landline Phones/Cell Phones in Country of Stay

International Calls to Japan and Other Countries from Abroad

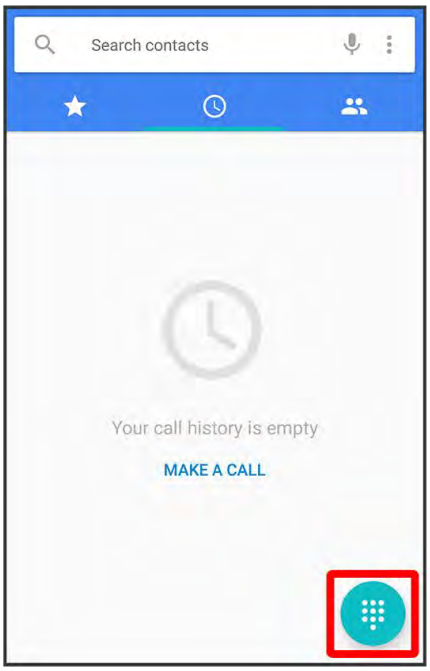
1

In Home Screen, (Apps) (Phone)



Phone opens.

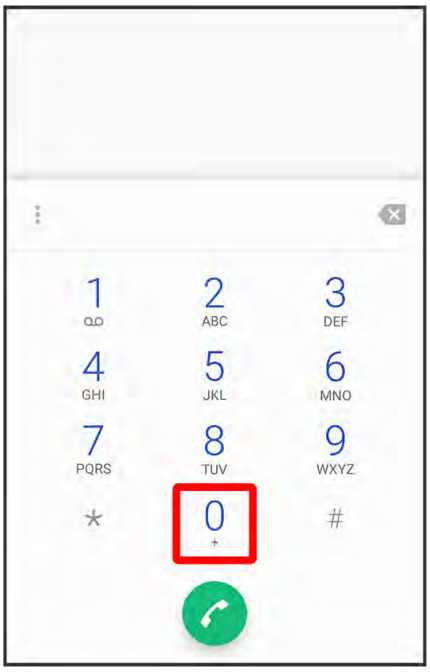
2



Call window opens.

3

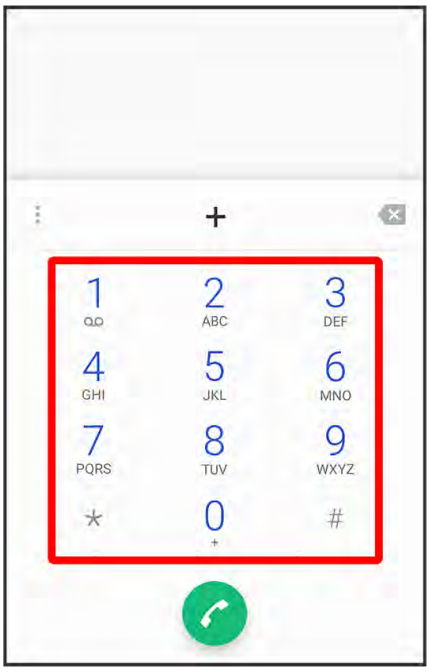
Touch & Hold



"+" 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.

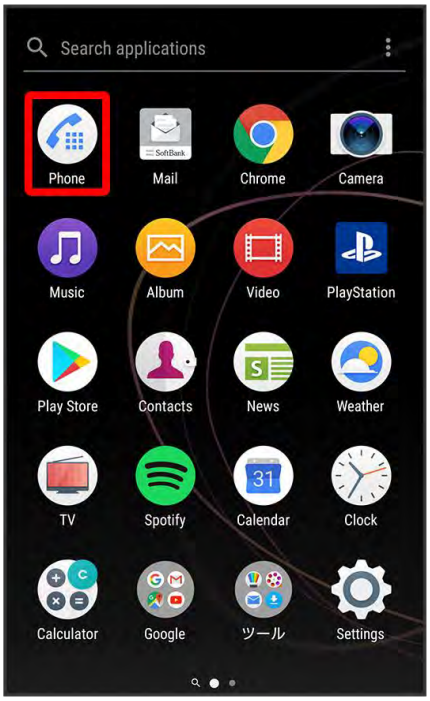
Calls to Landline Phones/Cell Phones in Country of Stay

Place calls the same way you would within Japan.

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

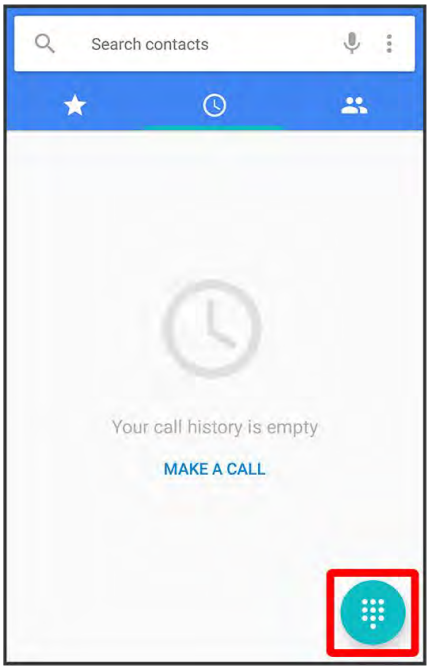
1

In Home Screen, (Apps) (Phone)



Phone opens.

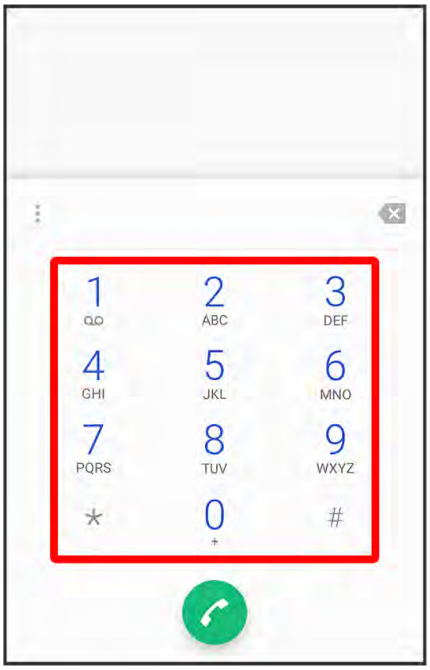
2



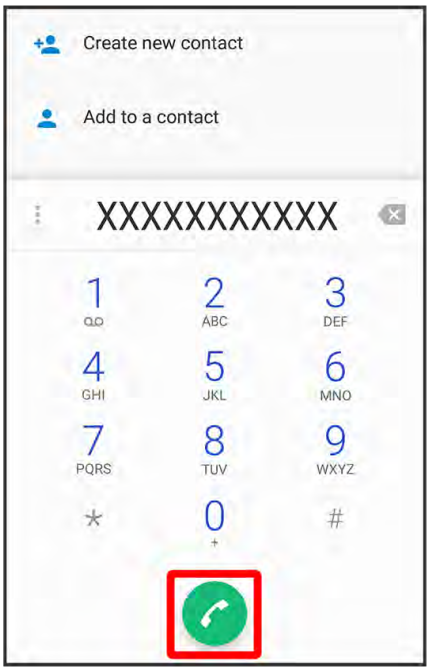
Call window opens.

3

Tap dialpad to enter the other party's number



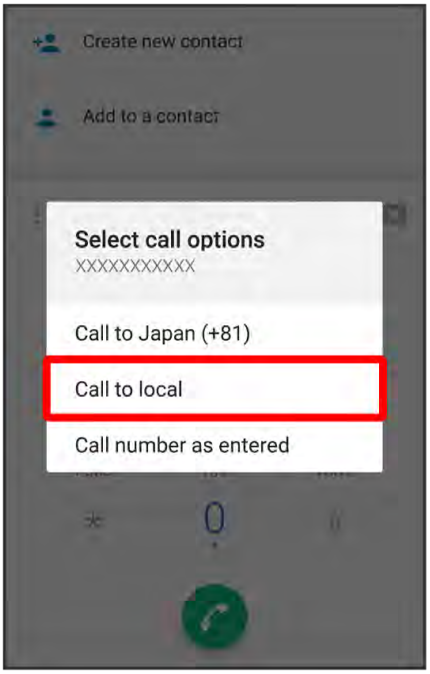
4



Call option selection opens.

5

Call to local



Handset dials number. Call begins when other party answers.

Handset Settings

Handset Settings

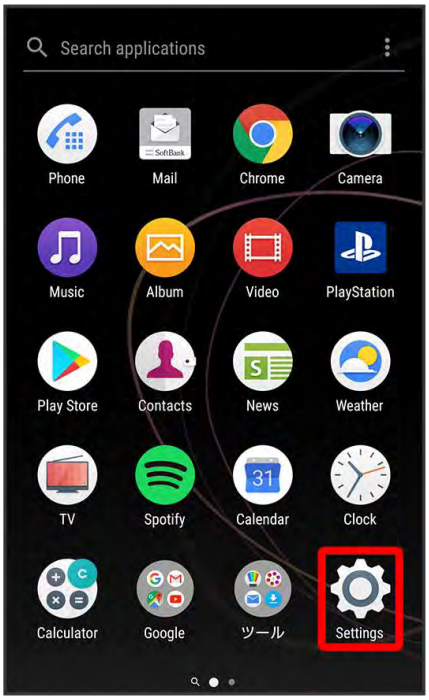
Handset Settings

In Home Screen, (Apps) Tap (Settings) to customize operation of handset functions. Handset settings include the following items.

Item	Description
Wi-Fi	Set Wi-Fi connection.
Bluetooth	Set Bluetooth® connection.
Data usage	Check mobile data traffic and set limit.
Device connection	Set to connect PC etc.
More	Set functions for wireless and networks.
Themes	Change wallpaper of Home Screen or Lock Screen, color for a part of Settings background, etc. to a themed image.
Wallpaper	Set wallpaper.
Display	Set screen brightness, font size, etc.
Notifications	Make notification settings.
Sound	Set ringtone, touch sounds, etc.
Apps	Manage or delete installed apps.
Storage & memory	Optimize storage and memory, transfer data, or uninstall apps to ensure available internal storage memory.
Battery	Set power saving items and check battery usage.
Lock screen & security	Set security functions such as Screen lock, SIM card lock, etc.
Call	Set network services such as Voicemail, Call Forwarding, and Answering Machine.
Location	Set location information.
Accounts & sync	Create/add accounts and sync accounts.
Google	Set for Google services.
Backup & reset	Back up handset information and initialize handset.
Assist	Check handset introduction and tips, with operations and settings.
Date & time	Set functions for date and time.
Languages & input	Set functions for language and text entry.
Accessibility	Set functions for TalkBack, etc.
About phone	Check handset status.

1

In Home Screen, (Apps) (Settings)



Handset settings open.

2

Set items

Setting is complete.

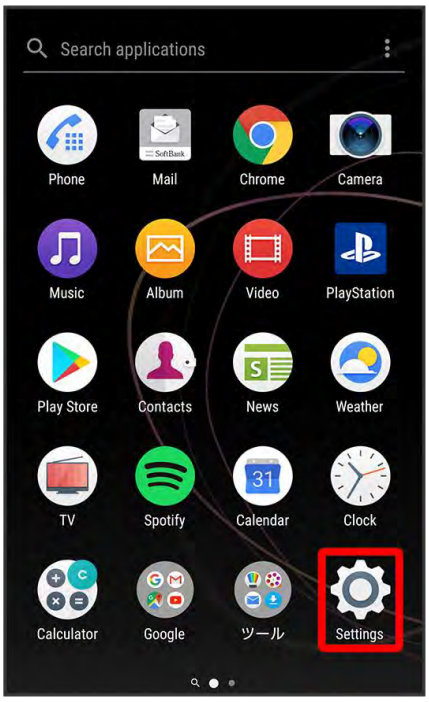
Wi-Fi Settings

Wi-Fi

Wi-Fi

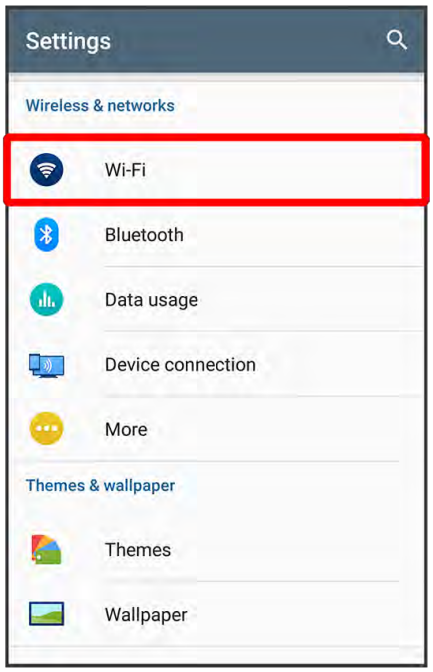
1

In Home Screen, (Apps) (Settings)



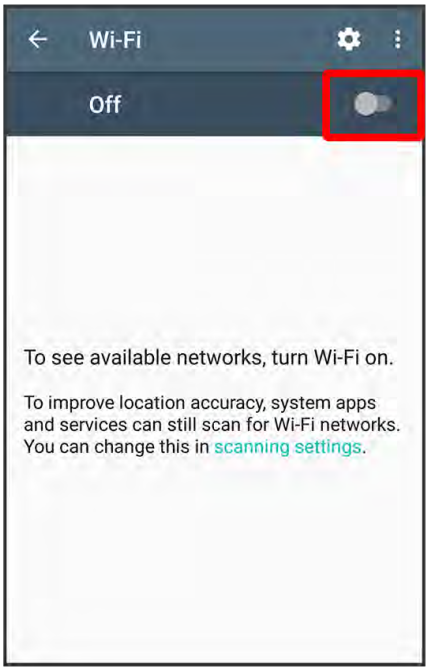
2

Wi-Fi



Wi-Fi settings open.

3

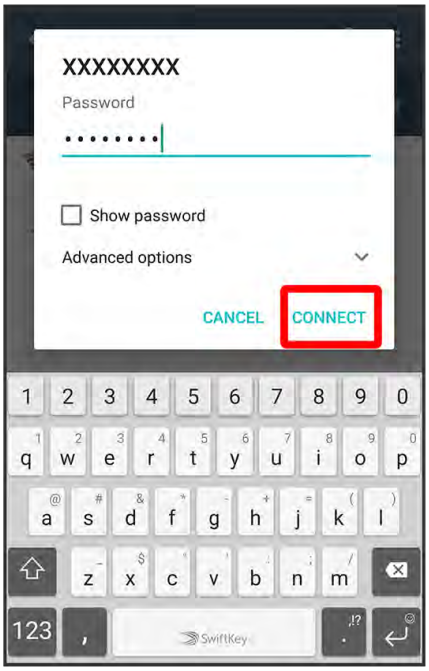


Wi-Fi is enabled ( ).

■ To disable Wi-Fi, Tap (OFF).

4

Tap Wi-Fi network ➔ Enter password ➔ CONNECT



Handset is connected.

■ The password, for a household wireless LAN router, is sometimes found on a sticker on the router (WEP, WPA, KEY, etc.). Contact the router manufacturer for information. For password for a public wireless LAN, check with user's service provider.

■ Entering a password is not required if a Wi-Fi network is not security protected.

Wireless & Networks

More

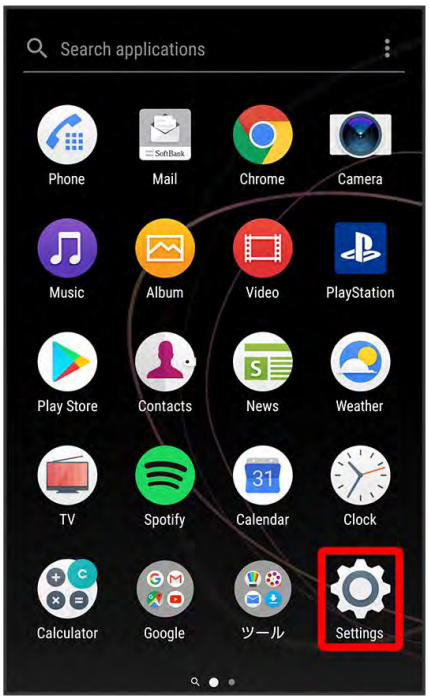
More

Set functions for wireless and networks.Settings can be made for the following items.

Item	Description
Airplane mode	Disable all functions that emit signals. Handset stays powered on.
Tethering & portable hotspot	Use handset as Wi-Fi router to access Internet from a PC, game console, etc.
VPN	Add a VPN.
Mobile networks	Set a network type, etc.
Network settings reset	Reset Wi-Fi, cellular data, Bluetooth® settings.
NFC / Osaifu-Keitai settings	Set NFC / Osaifu-Keitai settings.

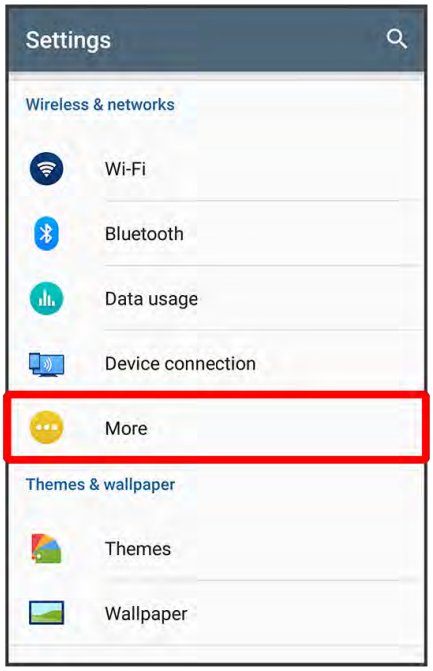
1

In Home Screen, (Apps) (Settings)



2

More



More settings open.

3

Set items

Setting is complete.

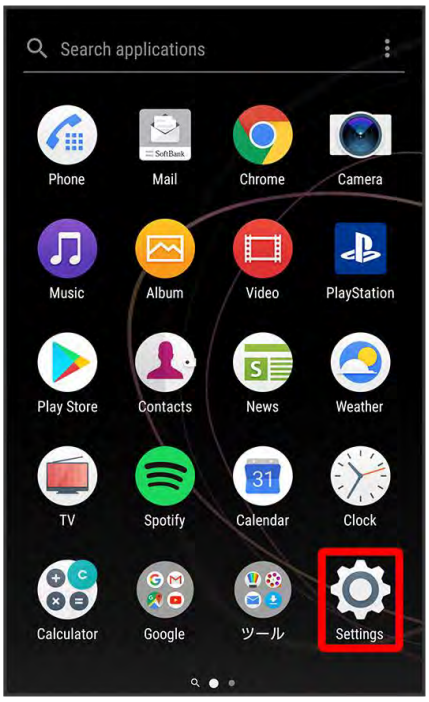
Notifications

Notifications

Notifications

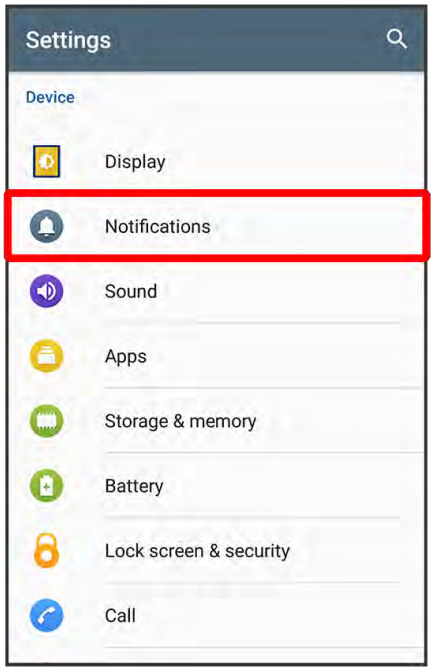
1

In Home Screen, (Apps) (Settings)



2

Notifications



Notifications opens.

3

Set items

Setting is complete.

Sound Settings

Sound

Sound

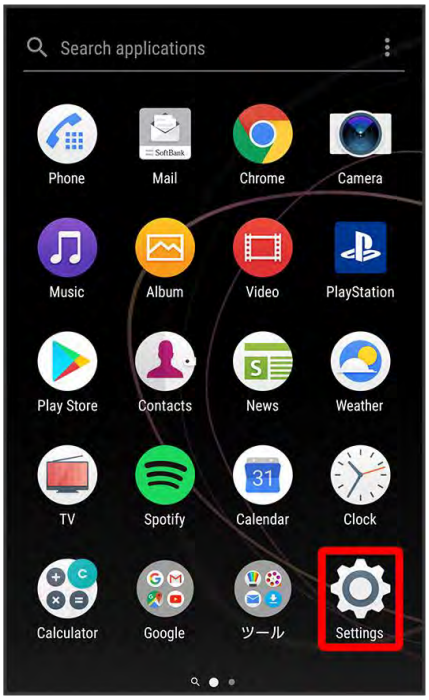
Set ringtone, touch sounds, etc. Settings can be made for the following items.

Item	Description
Audio settings	Set for sound.
Accessory settings	Set sound quality etc. when connecting accessories.
Media volume/Alarm volume/Ring volume	Adjust Media volume, Alarm volume, Ring volume, and Notification sound.
Also vibrate for calls	Enable vibration for ringtone.
Do not disturb	Set notification when "Do not disturb"[1] is set to "Priority only", or Automatic rules.
Phone ringtone	Set phone ringtone.
Notification sound	Set notification sound.
Default alarm ringtone	Set alarm ringtone.
Emergency broadcasts	Make notification settings for emergency broadcasts.
Other sounds	Make settings for touch sounds.

1 Alternatively, set from Quick Settings. To use, Tap on Quick Settings panel and enable "Do not disturb" quick setting in advance. For details, see "Using Notifications Window/Quick Settings."

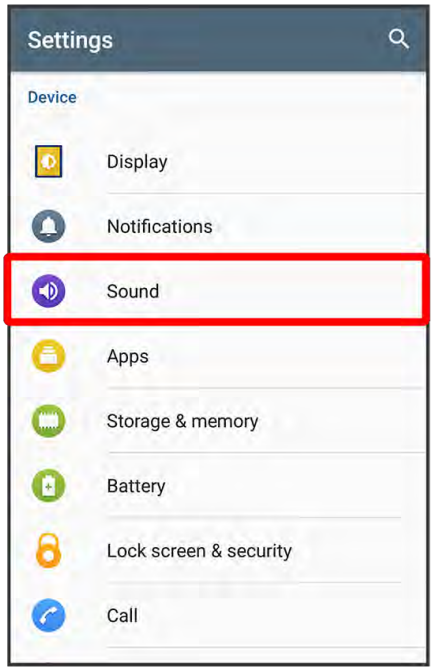
1

In Home Screen, (Apps) (Settings)


Search applications
Phone
Mail
Chrome
Camera
Music
Album
Video
PlayStation
Play Store
Contacts
News
Weather
TV
Spotify
Calendar
Clock
Calculator
Google
ツール
Settings

2

Sound


Settings
Device
Display
Notifications
Sound
Apps
Storage & memory
Battery
Lock screen & security
Call

3

Set items

Setting is complete.

App Settings

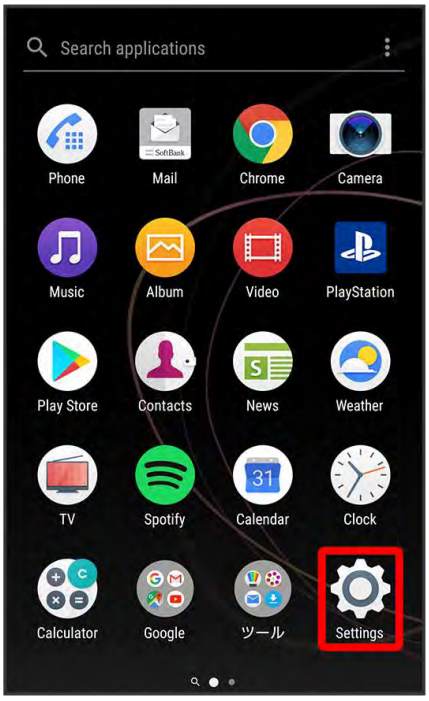
Apps

Apps

Manage or delete installed applications.

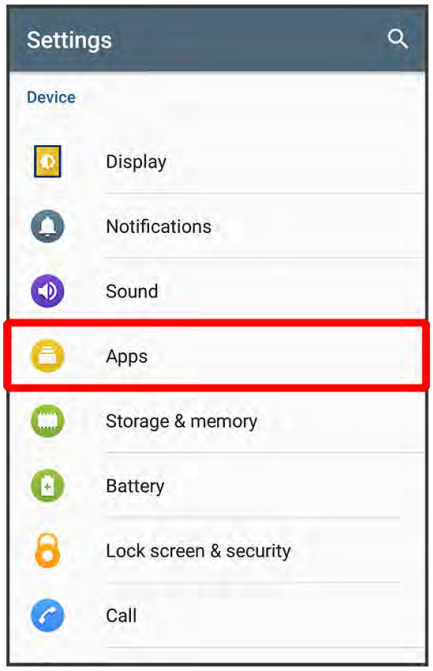
1

In Home Screen, (Apps) (Settings)



2

Apps



Apps list opens.

3

Tap items

Check applications.

Account & Sync Settings

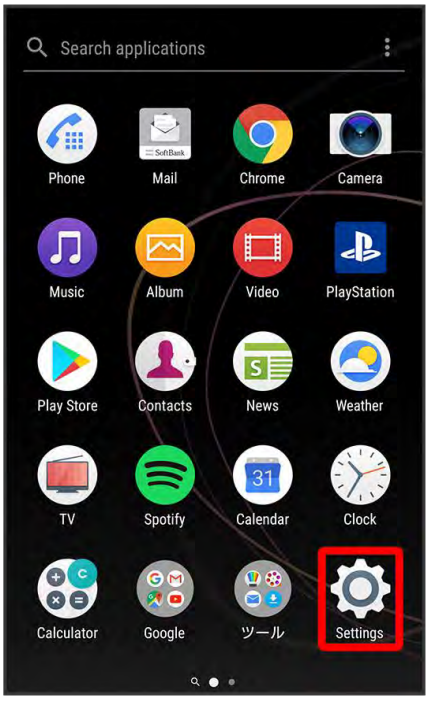
Accounts & sync

Accounts & sync

Create/add accounts and sync accounts.

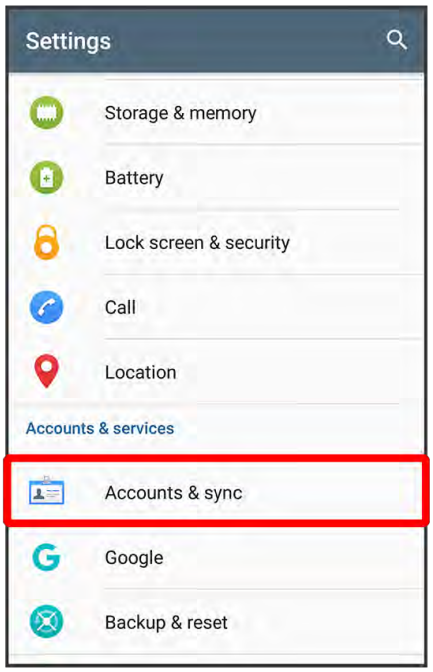
1

In Home Screen, (Apps) (Settings)



2

Accounts & sync



Accounts & sync window opens

3

Add account

Add account window opens.

4

Select account to add Follow onscreen instructions

Account is added.

Setting Applications to Sync for Each Account

In Accounts & sync, Tap type of account to set Tap account Tap sync item

- Tap item to toggle on ( )/off ( ).
- Tap item to synchronize when Auto-sync is disabled.

Specifications

- Handset
- TV Antenna Cable (SODAB1)

Handset

Item	Description
Dimensions (W x H x D)	Approx. 72 × 146 × 8.1 mm
Weight	Approx. 161 g
Continuous Talk Time	3G: Approx. 1890 minutes GSM: Approx. 760 minutes 4G (LTE): Approx. 1710 minutes
Continuous Standby Time	3G: Approx. 830 hours GSM: Approx. 735 hours 4G (AXGP): Approx. 700 hours 4G (FDD-LTE): Approx. 700 hours
Charging Time	Approx. 180 minutes AC Charger (with USB Type-C Quick Charge 3.0 capability) [ZSCAZX][1]
One Seg Viewing Time	Approx. 8.9 hours
Full Seg Viewing Time	Approx. 7.6 hours

1 See SoftBank SELECTION for details on chargers compatible with SoftBank SELECTION USB Type-C rapid charging AC Charger [SB-AC17-TCQC].

TV Antenna Cable (SODAB1)

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

Customer Service

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

- SoftBank Customer Support
- Smartphone Technical Support Center
- SoftBank Global Call Center

SoftBank Customer Support

General Information

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

Customer Assistance (Repairs/Lost Handsets)

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

Smartphone Technical Support Center

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

SoftBank Global Call Center

From outside Japan, dial +81-92-687-0025 (toll free from SoftBank handsets)
If handset is lost/stolen, call this number immediately (international charges apply)

Safety Precautions

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

- Safety Precautions
- Handset, TV Antenna Cable, Desktop Holder (Optional Accessory), AC Charger (Commercially Available)
- Handset
- Desktop Holder (Optional Accessory), AC Charger (Commercially Available)
- SIM Card
- Handset Use & Electronic Medical Equipment
- Material List

Safety Precautions

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

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

1 Serious injury includes: Loss of eyesight, physical injury, high temperature burns, low temperature burns, electric shock, fractures, poisoning and other conditions having side effects or requiring hospitalization or long term treatment.

2 Minor injury includes: Physical burns (high-temperature and low-temperature), electric shock, and other conditions not requiring hospitalization or long-term treatment.

3 Damage to property includes: Incidental damage to structures and household property and/or to pets and livestock.

These symbols indicate prohibited or compulsory actions. Make sure you thoroughly understand

their meanings before reading on.

Mark	Descriptions
	Prohibited actions
	Disassembly prohibited
	Exposure to liquids prohibited
	Use with wet hands prohibited
	Compulsory actions
	Unplug AC Charger from outlet

Handset, TV Antenna Cable, Desktop Holder (Optional Accessory), AC Charger (Commercially Available)

⚠ DANGER

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.

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.

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."

Do not charge when handset or related accessory is 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."

Do not disassemble, modify, or solder.

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

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."

Do not allow liquids such as water (drinking water, seat, 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."

Use optional accessories specified by SoftBank.

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

⚠ WARNING

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

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

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.

Do not cover or wrap with bedding or other cloths while using or charging.
May cause fire, burns, etc.

Stop charging if not complete when the prescribed charging time has passed.
Overcharge may occur resulting in fire, burns, injury, etc.

Power off handset or stop charging before entering a gas station or other places where flammable gas or dust may generate.
Using in a place where flammable gas, etc. generates may cause explosion, fire, etc.
Always use Osaifu-Keitai in a gas station, etc. with handset powered-off. (Cancel NFC/Osaifu-Keitai lock before turning the power off.)

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.

Do not use damaged handsets or related accessories.
May cause fire, burns, injury, etc.

Do not place handset on unstable/uneven surfaces. Be extra careful while the vibrator is set.
Handset may drop and cause injury.

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

May cause fire, burns, injury, electric shock, etc.
For water resistance, see "Water Resistance/Dustproofing."

Do not allow children to use handset or related accessories in the wrong way. Guardians should supervise use by children.
May cause injury, etc.

Do not place handset and related accessories within an infants' reach.
Infants may swallow handset or related accessories and cause injury, electric shock, etc.

Handset temperature may become high when used for a long time or while charging. Avoid touching handset for a long time involuntarily such as by 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.
Touching a high-temperature area for a long time may cause redness, itching, rash of skin, or low-temperature burns.

Handset

⚠ DANGER

Do not throw handset into a fire or apply heat.
Internal Battery may ignite, explode, overheat, or leak causing fire, burns, injury.

Do not penetrate with nails (penetrate with sharp objects), hit with a hammer (hard objects), stomp, or otherwise subject handset to strong force.
Internal Battery may ignite, explode, overheat, or leak causing fire, burns, injury.

If the substance etc. of Internal Battery gets into your eyes, do not rub them; immediately rinse

with clean water and consult a doctor.
May cause loss of sight, medical problem, etc.

If the internal substance etc. of Display gets into your eyes or mouth, do not rub them; immediately rinse with clean water and consult a doctor.
The internal substance etc. of Display may cause loss of sight, medical problem, etc.

⚠ WARNING

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.

Do not light up or flash the light toward a driver of a car.
May hinder driving and cause accidents, etc.

Do not look at a repeatedly blinking screen for a long time.
May cause twitches, loss of consciousness, etc.

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.

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.

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.

The radio wave of handset may affect electronic devices of the aircraft.

For use in hospitals, follow the medical facility's instructions.
Power off handset in a place where its use is prohibited.
Handset use may affect electronic devices or other electronic medical equipment.

Always keep handset away from your ear when calling hands free, ringing 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.
Listening at a high volume or using for a long time may cause hearing disability, etc.
Inability to hear ambient may lead to accidents.

Users with heart conditions should adjust vibration and ringtone volume as needed.
Strong vibration or loud volume may affect heart conditions.

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.

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

If Display 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.

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.

Do not allow a pet, etc. to bite handset.
Internal Battery may ignite, explode, overheat, or leak causing fire, burns, injury, etc.

⚠ CAUTION

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.

If Display is broken, do not allow the leaked internal substance to contact the skin of your face or hands, or clothes.
May cause loss of eyesight, injury of skin, etc.
If the internal substance gets into your eyes or mouth, or contacts your skin or clothes, immediately rinse with clean water.
Also, in case it gets into your eyes or mouth, immediately consult a doctor after rinsing.

Do not dispose handset together with ordinary trash.
May ignite causing 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.

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 loss of eyesight, injury of skin, etc.

If the internal substance gets into your eyes or mouth, or contacts your skin or clothes, immediately rinse with clean water.
Also, in case it gets into your eyes or mouth, immediately consult a doctor after rinsing.

Before using handset in a car, check with the car manufacturer or dealer for information about the effects of radio waves.
In rare cases, handset radio wave may affect the vehicle's electronic equipment in some car models. In that case, stop using handset immediately.

If skin abnormalities develop during use, 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."

Make sure that metallic pieces (cutter blade, staples, etc.) are not adhered to Earpiece/Speaker or Speaker since magnetic parts are included.
Adhered objects may cause injury, etc.

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

Do not use AC Charger (commercially available) if the cord is damaged.
May cause fire, burns, electric shock, etc.

Do not use AC Charger (commercially available), Desktop Holder (optional accessory) in a humid place such as bath rooms, etc.
May cause fire, burns, electric shock, etc.

If thunder is audible, do not touch AC Charger (commercially available).
May cause electric shock, etc.

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.

Do not put heavy objects on the cord of AC Charger (commercially available) or pull it strongly.
May cause fire, burns, electric shock, etc.

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.

Do not use a travel converter for overseas use when charging with AC Charger (commercially available).
May ignite, overheat, cause electric shock, etc.

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 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.

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)

Wipe off dust on the power plug.
Using with dust adhered may cause fire, burns, electric shock, etc.

Firmly insert the power plug of AC Charger (commercially available) to an outlet.
Failure to do so may cause fire, burns, electric shock, etc.

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.

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.

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 the power plug of AC Charger (commercially available) when it is not used.

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

If liquid such as water (drinking water, sweat, seawater, urine of pets, etc.) gets inside, immediately disconnect the power plug from an outlet.
May cause fire, burns, electric shock, etc.

When cleaning, disconnect the power plug from an outlet.
Failure to do so may cause fire, burns, electric shock, etc.

⚠ CAUTION

Do not touch AC Charger (commercially available) that is connected to an outlet for a long time.
May cause burns, etc.

SIM Card

⚠ CAUTION

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

Handset Use & Electronic Medical Equipment

⚠ WARNING

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.

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.

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

Observe each medical facility's instruction when using handset.
Handset radio waves may affect electronic medical equipment.

Material List

■ Xperia™ XZ1 Main Unit

Part	Material/Surface Treatment
Exterior case (frame)	Nylon resin (with glass fiber)/Coating
Exterior case (Headphone Port)	Nylon resin (with glass fiber)/-
Exterior case (back side), Volume Key, Camera Key	Aluminum alloy/Anodized
Exterior case (back side bottom, SIM Card/SD Card Slot Cover)	Polycarbonate resin/Coating
Exterior panel (top and bottom surfaces)	PET resin/UV molding
Transparent plate (Display, Camera lens)	Strengthened glass/Anti-smudge
Transparent plate (Flash/Photo Light, LaserAF Sensor, RGBC-IR Sensor)	PC resin + acrylic resin compound/Hard coating
Power Key	IC+epoxy resin/Coating+printing
Earpiece/Speaker (top) panel, Speaker (bottom) panel	PET resin/Coating
Camera ring (back side)	Stainless steel/PVD processing

mark sticker	PET resin/-
Rubber gasket of SIM Card/SD Card Slot Cover	Silicone rubber/-
SIM Card/SD Card Tray	Polyacetal resin/-

■ TV Antenna Cable (SODAB1)

Part	Material/Surface Treatment
Headphone connector (top surface), connector plug (top surface)	Polypropylene resin/-
Headphone connector (body, cable), connector plug (body)	Elastomer resin/-
Connector plug (metal parts)	Brass/Gold plating

Important Product Information

- Handset, SIM Card, TV Antenna Cable, Desktop Holder (Optional Accessory), AC Charger (Commercially Available)
- Charging
- Touchscreen
- Earpiece/Speaker
- Fingerprint Authentication
- Technical Conformity
- Forcibly Powering Off

Handset, SIM Card, TV Antenna Cable, 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 handset, SIM Card, or AC Charger (commercially available) 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.
- Internal Battery type is as follows.

Symbol on Label	Battery Type
Li-ion00	Lithium-ion

- 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 handset, SIM Card, or AC Charger (commercially available) 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, avoid charging in a place where handset use is prohibited.
- 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 SoftBank Customer Support.
- Using application while charging may shorten Internal Battery life.

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.

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.

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
  - Faded due to abrasion, etc.
  - 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.

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.

■ Never use modified handset. Using modified handset is a violation of the Radio Law.

■ Handset is compliant with the technical standard conformance of specified wireless equipment based on the Radio Law, and as a proof of it, the "Technical Compliance Mark " appears on the electronic nameplate of handset. To view the electronic nameplate, in Home Screen, (Apps) (Settings) 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.

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 8 seconds, then release after handset vibrates three times consecutively.

Bluetooth®/Wi-Fi (WLAN)

- Frequencies
- Notes on Using Bluetooth® Devices
- Reception Interference Caused by Wi-Fi (WLAN) Devices
- Wi-Fi (WLAN)
- Notes on Using 2.4 GHz Devices
- Notes on Using 5 GHz Devices
- Reception Interference Caused by Bluetooth® Devices

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

[redacted] :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 SoftBank Customer Support.

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 SoftBank Customer Support for measurement against the cross talk (e.g. installing partition.)
- Also, in the event of handset causing radio wave interference with specified low power radios and amateur radio stations, contact a SoftBank Shop or SoftBank Customer Support.

Notes on Using 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 wireless LAN built-into handset in 5.2/5.3 GHz outside is prohibited by the Radio Law.

Reception Interference Caused by Bluetooth® Devices

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

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

Water Resistance/Dustproofing

Handset complies with IPX5[1], IPX8[2] water resistance standards and IP6X[3] 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
- Maintaining Water Resistance/Dustproof Performance
- Precautions
- Draining
- Charging

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 6L/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, Headphone Port, 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 let water remain on Earpiece/Speaker, Mic, Speaker, Second Mic, or External Device 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 SoftBank Customer Support.
- If rubber gaskets on inner side of SIM Card/SD Card Slot Cover are damaged or deformed, have them replaced at a SoftBank Shop or SoftBank Customer Support.

- Do not connect earphones, etc. to handset that is wet with water. May cause malfunction.
- Do not use handset when External Device Port is wet or dusty. May lose water resistance, cause electric shock, short circuit, 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, Headphone Port, USB Type-C Port, Power Key/Screen Lock Key/Fingerprint Sensor, Volume Key/Zoom Key (Up or Down) and SIM Card/SD Card Slot Cover 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

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.

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