

# About the User Guide

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Thank-you for purchasing this product.

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[ê Before Using This Product](#)

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[ê Descriptions in the User Guide](#)

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[ê Screenshots & Key Labels](#)

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[ê Other Notations](#)

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## Before Using This Product

Read "Safety Precautions" and this guide thoroughly beforehand for proper usage.  
Accessible services may be limited by subscription contract conditions.

## Descriptions in the User Guide

In the User Guide, most operation descriptions are based on handset at time of purchase.  
Unless noted otherwise, descriptions are for Home Screen. Some operation descriptions may be simplified.

## Screenshots & Key Labels

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

## Other Notations

In the User Guide, the product is referred to as "handset."  
n microSD™/microSDHC™/microSDXC™ Card is referred to as "SD Card."

# Accessing Instructions on Handset

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Use Guide application to learn touch operations or making settings.

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[? Launching Guide](#)

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[? Showing Status Bar Indicator](#)

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[? Launching Guide from Notifications Window](#)

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[? Using Guide](#)

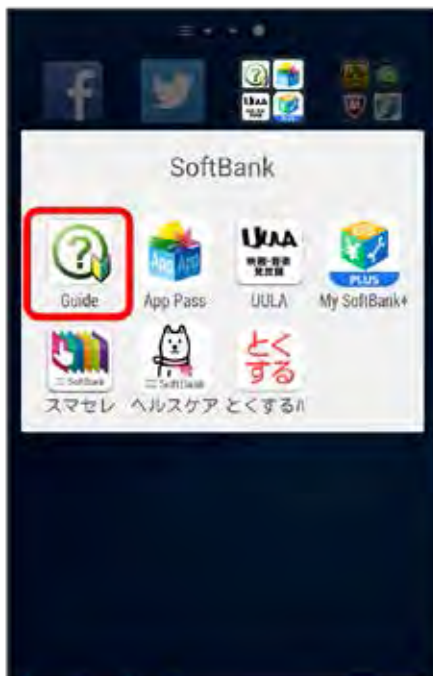
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## Launching Guide

1

---

In Home Screen,   (SoftBank)  (Guide)



 Smartphone Guide top window opens.

n If using Smartphone Guide for the first time, Usage notes and Auto Update confirmation appear. Follow onscreen instructions.

## + Setting Auto Update

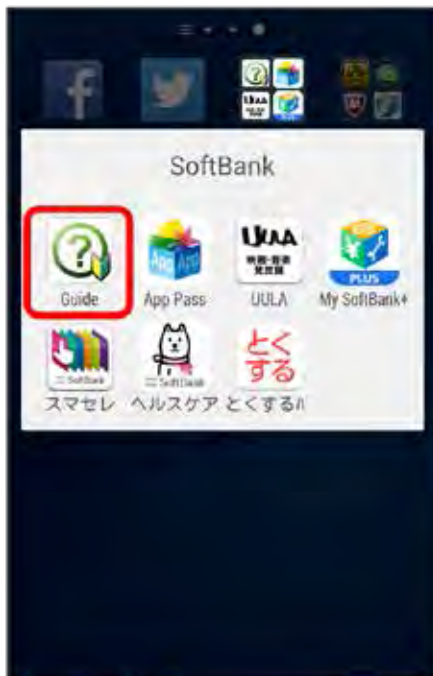
In Smartphone Guide top screen, ⓘ → Auto Update → on/off → Back

# Showing Status Bar Indicator

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

1

In Home Screen, ⋮ → (SoftBank) → ⓘ (Guide)



Smartphone Guide top window opens.

n If confirmation appears, follow onscreen instructions.

2

ⓘ → Indicator



3

on → Back



Setting is complete.

# Launching Guide from Notifications Window

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

1

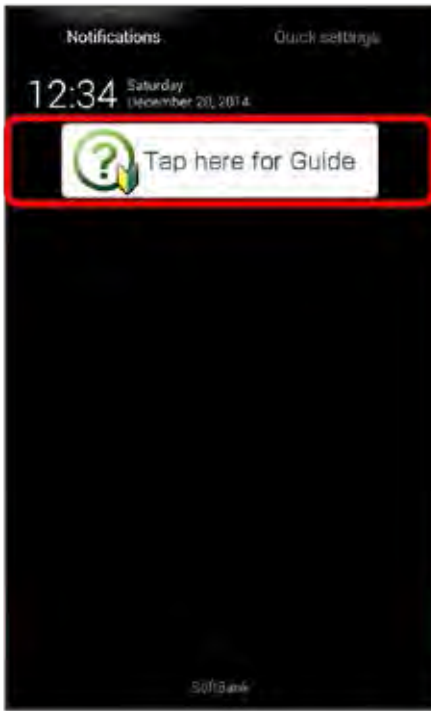
Drag Status Bar down



 Notifications Window opens.

2

Tap here for Guide



 Smartphone Guide top window opens.



### **Checking Operations from Notifications Window**

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

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

# Using Guide



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

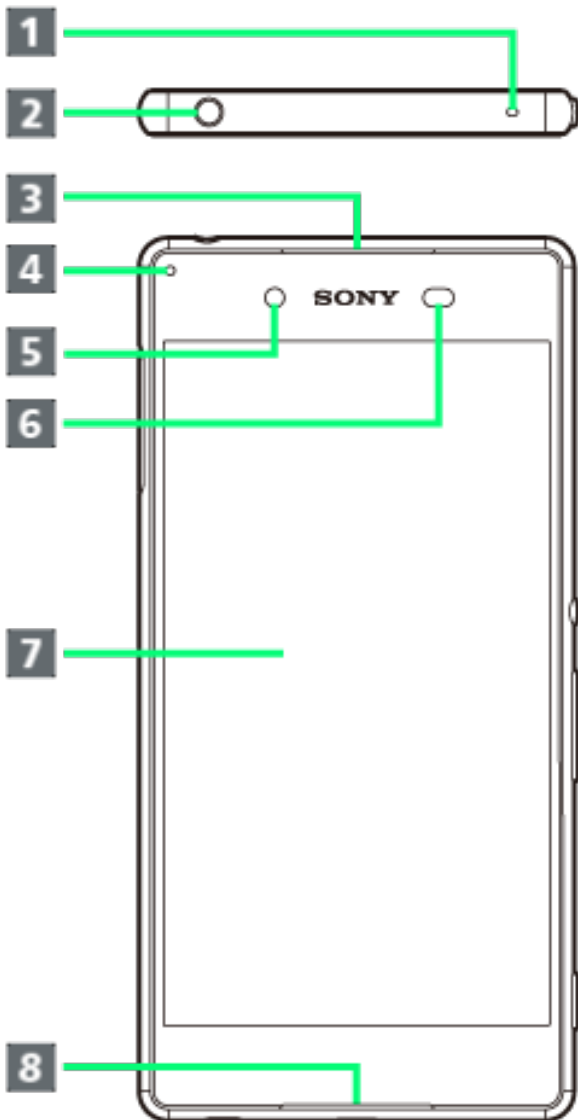
# Parts & Functions

ê Handset

ê Keys

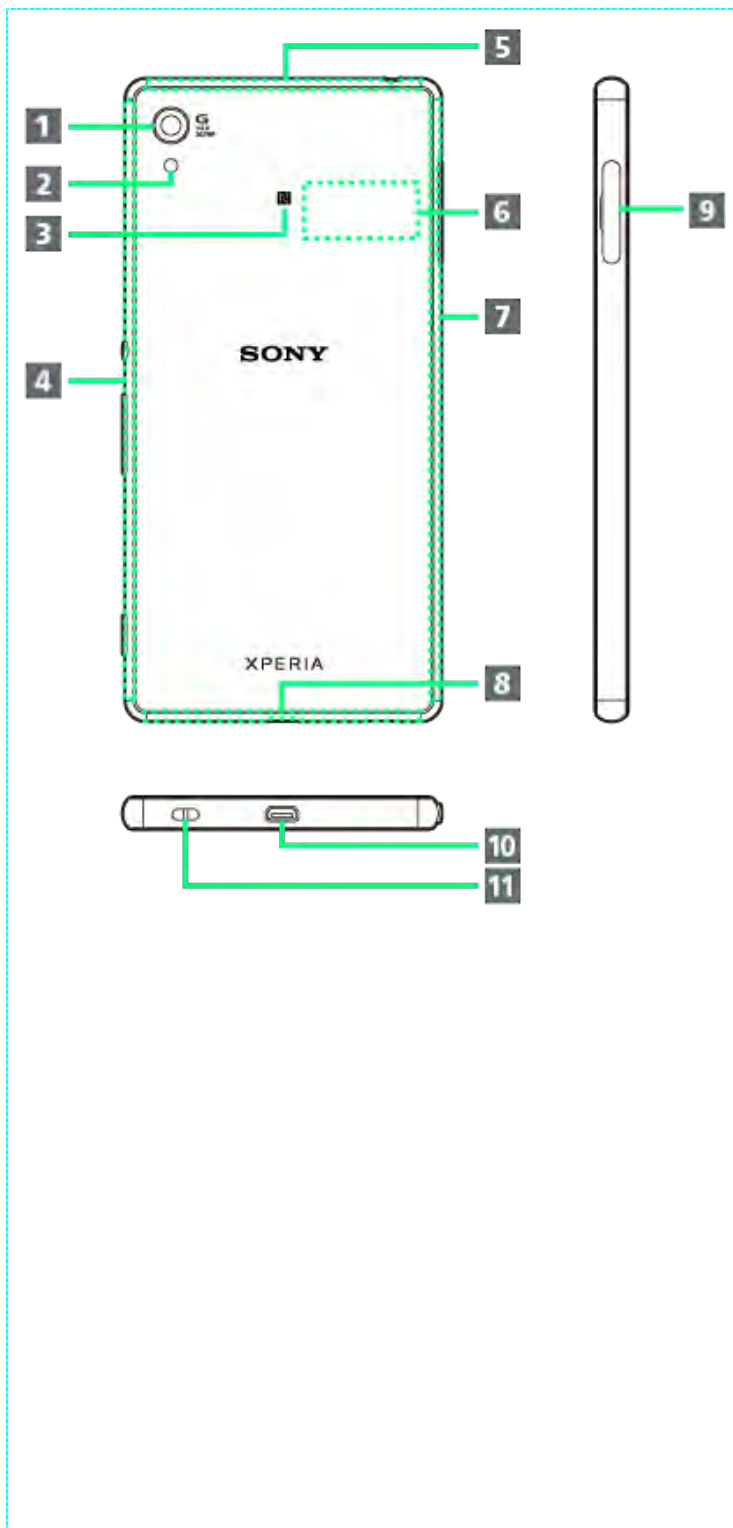
ê Desktop Holder

## Handset



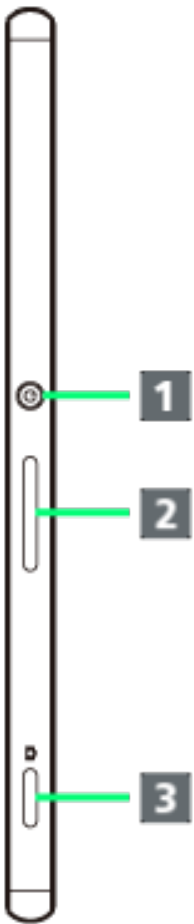
Part	Description
<b>1 Second Mic</b>	Reduces noise for calling.
<b>2 Headphone Port</b>	Connect commercially available headphones.
<b>3 Earpiece</b>	Hear the other party's voice here.
<b>4 Notification Lamp</b>	Flashes for incoming transmissions. Lights while charging.
<b>5 Front Camera</b>	Capture yourself.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







Part	Description
<b>1</b> Camera	Capture still images and videos.
<b>2</b> Flash/Photo Light	Use as camera flash in a dark place.
<b>3</b> NFC Mark	Hold mark up to reader/writer to use NFC/Osaifu-Keitai <sup>®</sup> feature.
<b>4</b> Wi-Fi/Bluetooth <sup>®</sup> Antenna Area	Internal Antenna for Wi-Fi and Bluetooth <sup>®</sup> .
<b>5</b> Internal Antenna/GPS Antenna Area	Internal Antenna for calls, data communication, and GPS.
<b>6</b> Nameplate	CE mark, FCC ID, IMEI information printed sticker is attached. Do not remove nameplate.
<b>7</b> Wi-Fi Antenna Area	Internal Antenna for Wi-Fi.
<b>8</b> Internal Antenna Area	Internal Antenna for call and data communication.
<b>9</b> SIM Card/SD Card Slot	Insert SIM Card/SD Card.
<b>10</b> External Device Port	Connect commercially available Micro USB Cable etc.
<b>11</b> Strap Hole	Attach strap.

## Keys



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

## Desktop Holder

Sample  
(イラスト)

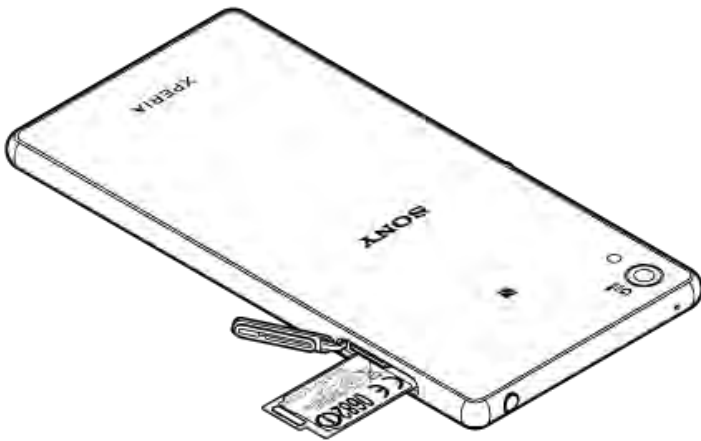
Part	Description
<b>1 Attachment 45A</b>	Use when charging with Desktop Holder.
<b>2 Terminals</b>	Contact with handset Charging Terminal for Desktop Holder.
<b>3 Magnet Contact</b>	Connect handset.
<b>4 Recess</b>	Use for removing Attachment.
<b>5 Charging Port</b>	Connect plug of AC Charger (optional accessory).
<b>6 Attachment 45B</b>	Charge

cover-attached  
handset with Desktop  
Holder.

## CE mark and FCC ID

1

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.

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ê Handling SIM Card

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ê Inserting SIM Card

---

ê Removing SIM Card

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## Handling SIM Card

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



Sample  
(イラスト)

## Inserting SIM Card

Always power off beforehand.

1

Open Slot Cover using groove

Sample  
(イラスト)

2

Draw Tray out using the tab

Sample  
(イラスト)

3

---

Set SIM Card into Tray with IC chip facing up



n Check SIM Card orientation by notch.

4

---

Insert Tray with SIM Card into handset



n Pay attention to Tray orientation.

5

---

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

gaps



## Removing SIM Card

Always power off beforehand.

1

---

Open Slot Cover using groove



2

---

Draw Tray out using the tab

Sample  
(イラスト)

3

---

Remove SIM Card from Tray

Sample  
(イラスト)

4

---

Insert Tray into handset





Sample  
(イラスト)

n Pay attention to Tray orientation.

5

---

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



Sample  
(イラスト)

# Internal Memory and SD Card

---

Save data to handset memory or SD Card.

Handset supports SD Cards up to 128 GB. Some SD Cards may not operate properly.

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[Inserting SD Card](#)

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[Unmounting SD Card](#)

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[Removing SD Card](#)

---

[Formatting SD Card](#)

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## SD Card Cautions

### Data

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

### Reading/Writing Data

Never power off while reading or writing data.

### Battery Level

A low battery charge may prevent reading/writing to SD Card.

### Handling SD Card

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

## Inserting SD Card

1

---

Open Slot Cover using groove

Sample  
(イラスト)

2

---

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

Sample  
(イラスト)

n Insert only SD Cards.

3

---

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


# Sample

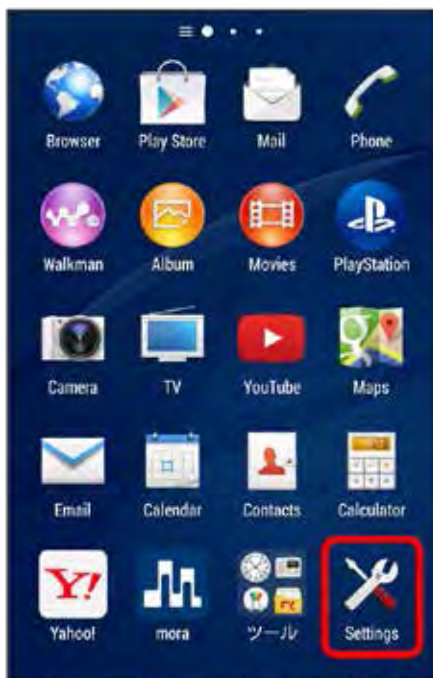
(イラスト)

## Unmounting SD Card

Always unmount SD Card before removing.

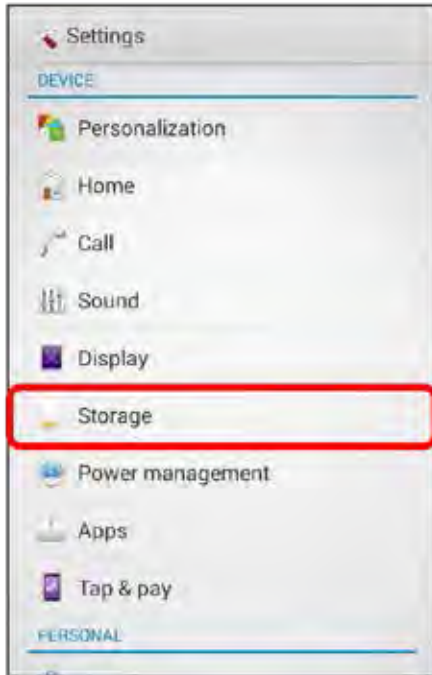
1

In Home Screen,    (Settings)



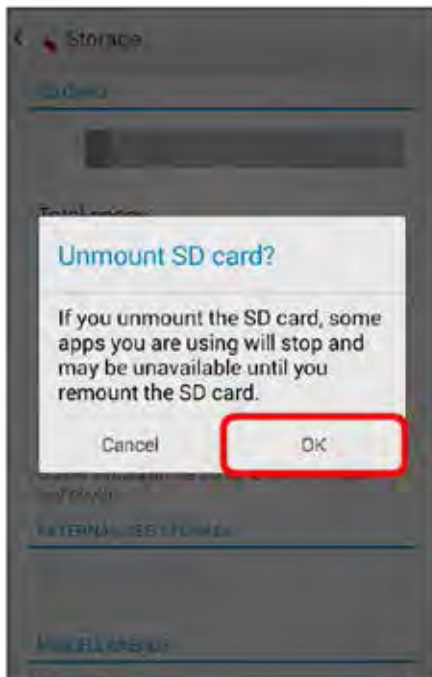
2

## Storage



3

Unmount SD card → OK



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

# Removing SD Card

Always unmount SD Card beforehand.

1

---

Open Slot Cover using groove



2

---

Push SD Card until it clicks and pull it out



3

---

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



## Formatting SD Card

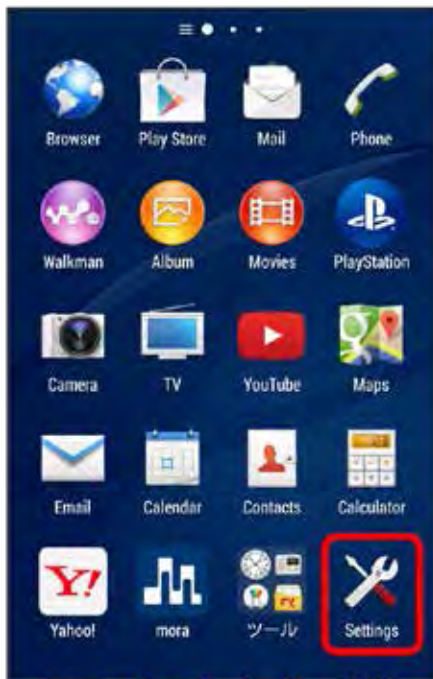
When using a new SD Card for the first time, always format it on handset.

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

1

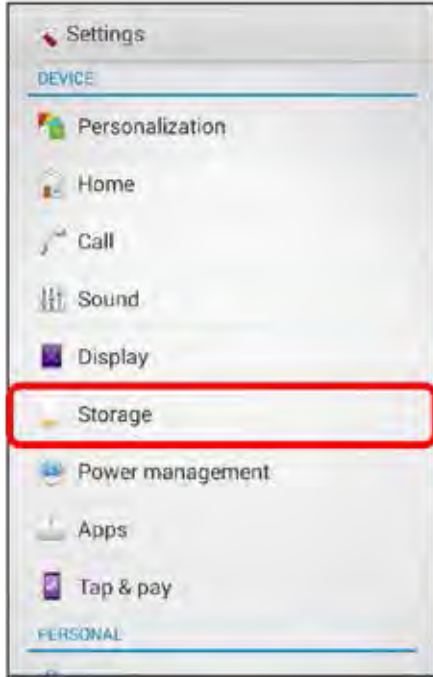
---

In Home Screen,    (Settings)



2

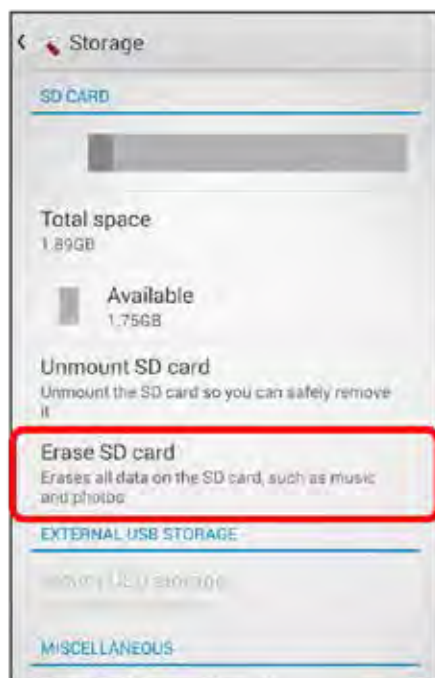
## Storage



3



## Erase SD card



4

## Erase SD card



# 5

---

## Erase everything

 All data on SD Card is erased.

# Charging Battery

---

ê [Charging with AC Charger](#)

ê [Charging with Desktop Holder](#)

ê [Removing Adapter Attachment](#)

---

## Charging with AC Charger


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

For other devices, see the SoftBank Mobile Web page.

1

---

Open External Device Port Cover using gap



Sample  
(イラスト)

2

---

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

Sample  
(イラスト)


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

3

---

Raise power plug of AC Charger to plug into power outlet

Sample  
(イラスト)

 Notification Lamp on handset lights up when charging starts.

4

---

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

5

---

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

## Charging with Desktop Holder


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

For other devices, see the SoftBank Mobile Web page.

1

---

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

A dark gray rectangular box containing the word "Sample" in a large, white, sans-serif font. Below it, the Japanese characters "(イラスト)" are written in a smaller, white, sans-serif font.

Sample  
(イラスト)

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

2

---

Raise power plug of AC Charger to plug into power outlet


Sample  
(イラスト)

3

---

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

Sample  
(イラスト)

 Once correctly placed, Notification Lamp lights.

4

---

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

5

---

Unplug AC Charger and remove from Desktop Holder

## Desktop Holder Use Cautions

Charging by connecting Desktop Holder and a PC is unavailable.

## Removing Adapter Attachment

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

1

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

Sample  
(イラスト)

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



### **Attachment 45B**

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

# Power On/Off

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⌂ Powering On

---

⌂ Powering Off

---

## Powering On

1

---

⏻ (Long Press)



 Lock screen appears.

n See "[Unlocking Screen](#)" to unlock the screen.

n Startup guidance appears the first time handset is powered on. See "[Making Initial Settings](#)" to make settings.

## Powering Off

1

---

⏻ (Long Press)




# Sample

(イラスト)

2

Power off → OK



 Handset powers off.

# Using Touchscreen

---

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

ê Tap

ê Touch & Hold

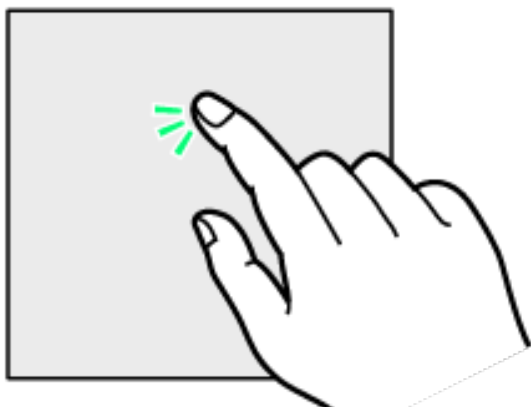
ê Drag

ê Swipe/Flick

ê Pinch/Spread

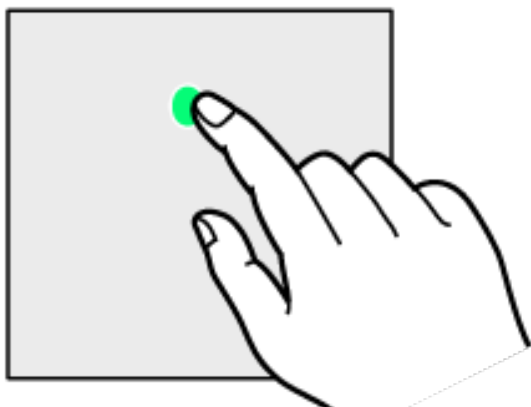
## Tap

Contact Display lightly and briefly.



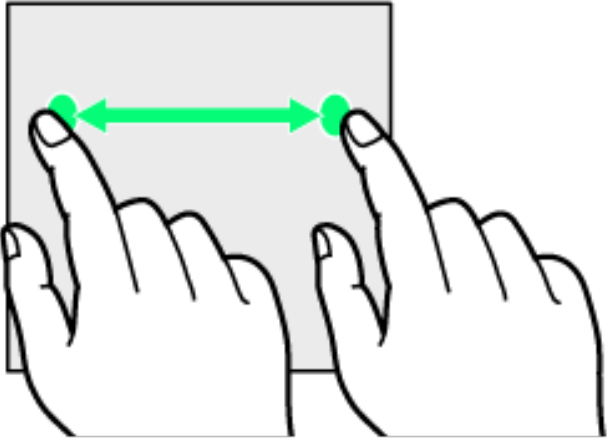
## Touch & Hold

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



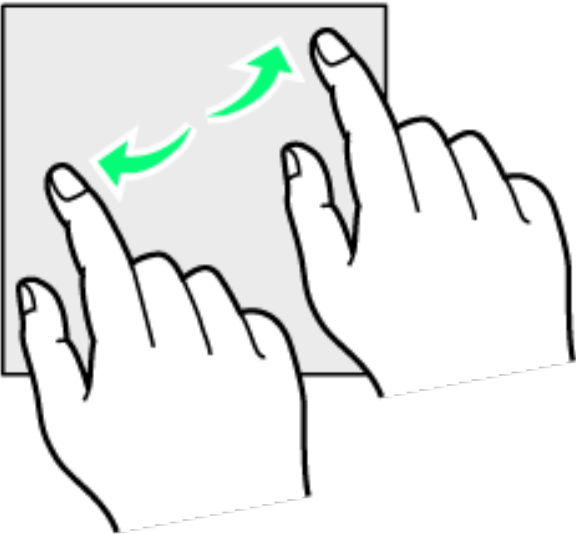
## Drag

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



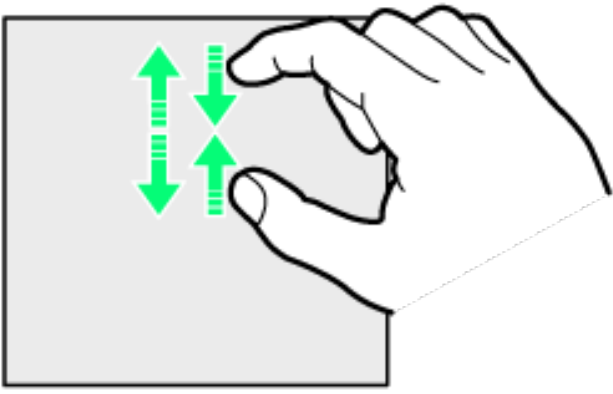
## Swipe/Flick

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



## Pinch/Spread

Contact Display lightly, then close/widen fingers.



# Initial Settings

---

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

---

🏠 [Making Initial Settings](#)

---

## Making Initial Settings

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

1

---

English (United States) → Done → →



2

## Set Wi-Fi network



## 3

## Set Google account



n For details on Google account, see "[Using a Google Account.](#)"

4

Set world of Sony (Connect Sony Entertainment Network) → ➡



5

Set online service account or auto sync → ➡



6

## Finish

 Initial settings are made.

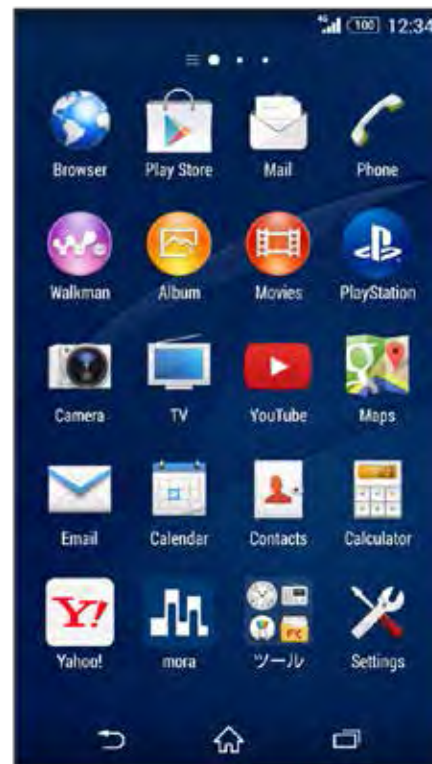


# Basic Operation

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

## Home Screen & Applications List




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



## Operations on Navigation Bar

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

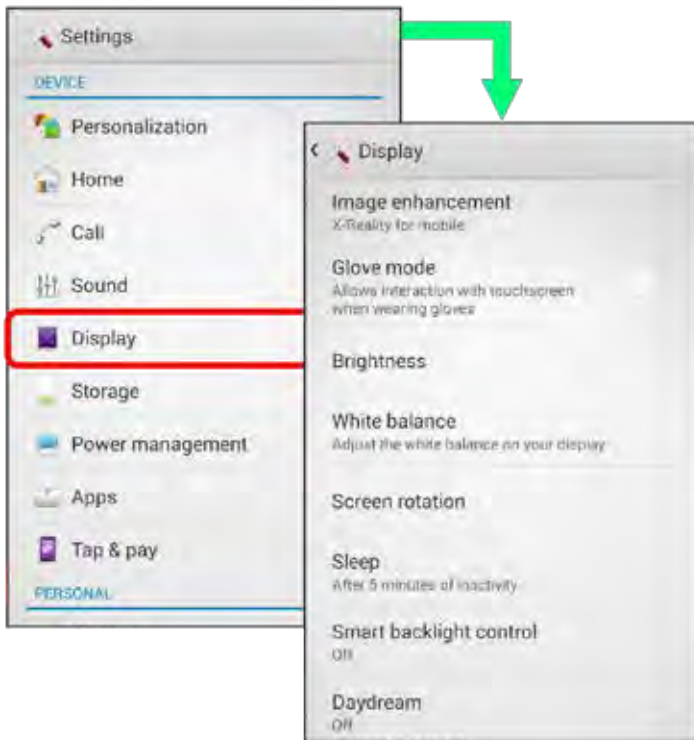


Item	Description
 <b>(Back)</b>	Go back to previous screen.
 <b>(Home)</b>	Go to Home Screen.
 <b>(Recently used apps)</b>	Open recently-used applications list to launch or delete the applications from the list. Or use or set small apps.


## Selecting Options and Navigating Screens

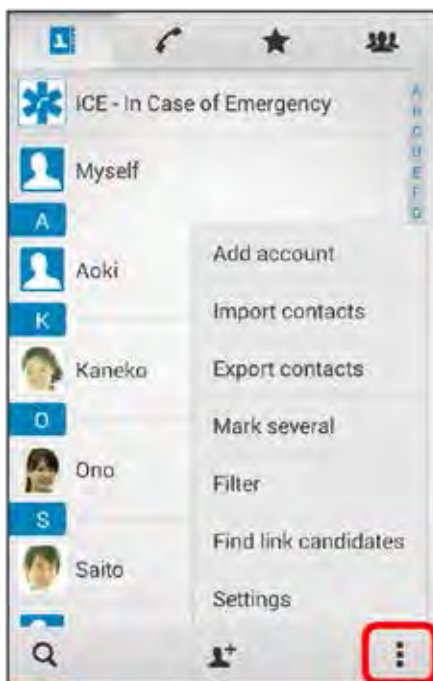
Tap items, icons, onscreen keys, etc. to open assigned items.

n Tap  to go back to previous screen.

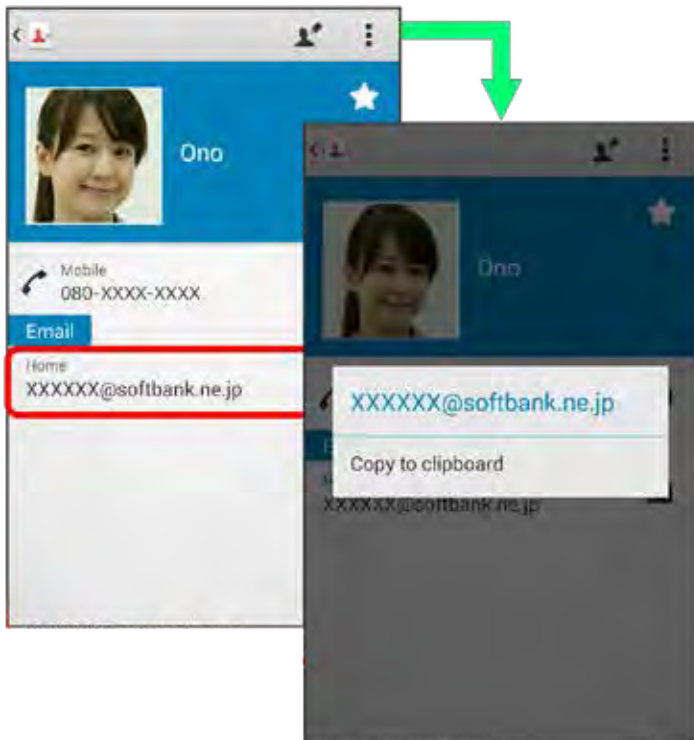


## Menu Operations



Tap  for available settings and items.

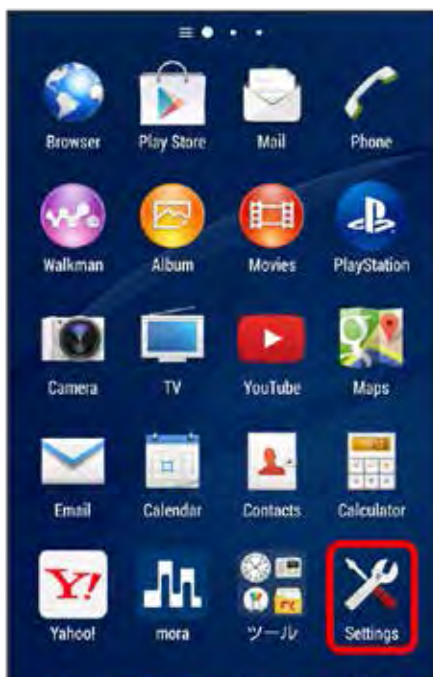


Screens may also have settings and items that are available by Touching & Holding Display.



## Handset Settings and Making Settings

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




## Portrait Orientation & Landscape Orientation

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

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



## Capturing Screenshots



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

n View captured screenshots in Screenshots album in Album, etc.

n Alternatively, Long Press  then Tap **Take screenshot** on the screen.

### **Capturing Screen Video**

Capture shown screen as a video.

 (Long Press)  **Record screen**    To stop capturing, Tap the recording time button  .

n If terms of agreement appears, confirm the content and Tap **Agree**

n To close the control panel, Tap .

# Applications

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ê [Launching Applications](#)

ê [Applications List](#)

---

## Launching Applications

1

---

In Home Screen, 



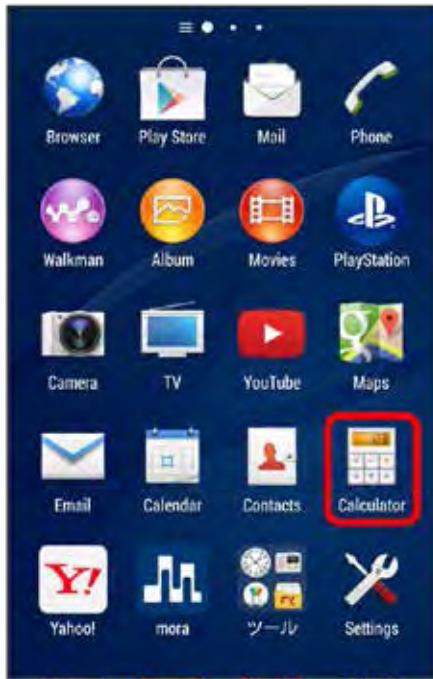
 Applications list opens.

n If confirmation appears, follow onscreen instructions.

2

---

Tap the application














 Application is activated.

























## Applications List

Applications pre-installed by default are as follows.


















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
















Icon	Function/Service
 <b>(App Pass)</b>	All-you-can-download service application for top-rated and standard applications in entertainment, game, tool, lifestyle, or business categories. Receive perks such as free-ticket for purchasing additional items every month.
 <b>(Chrome)</b>	Access Internet via Google Chrome.
 <b>(Email)</b>	Send or receive emails (one or more accounts available.)
 <b>(Facebook)</b>	Launch Facebook client application.
 <b>(File Commander)</b>	Search for still images, videos, music, or downloaded files.
 <b>(FM radio)</b>	Use FM radio.
 <b>(Gmail)</b>	Send or receive mails for Google accounts.
 <b>(Google)</b>	Search on handset or web pages by keywords.
 <b>(Google+)</b>	Launch "Google+" social networking client application provided by Google.
 <b>(Google Settings)</b>	Make settings for Google applications.
 <b>(Internet SagiWall)</b>	Protect handset from "one-click fraud" and other malicious web pages.



	Alert window appears if dangerous web page is detected.
 <b>(Lifelog)</b>	Record user's physical activity and handset usage history and check them in chronological order.
 <b>(mora)</b>	Purchase music and music videos from Sony's high sound quality download web store.
 <b>(Movie Creator)</b>	Automatically create and edit photo movies from capture photos and videos.
 <b>(My SoftBank+)</b>	Guide application providing useful information from SoftBank. Check your charges, convenient handset features, and recommended products/contents.
 <b>(OfficeSuite)</b>	View/edit Office documents.
 <b>(Play Games)</b>	Download games from Google Play.
 <b>(Play Store)</b>	Download or purchase a variety of applications from Google Play.
 <b>(Play Books)</b>	Download new or bestselling e-books from Google Play.
 <b>(Play Movies &amp; TV)</b>	Access Google Play movie rental service to select and rent movies.
 <b>(PlayStation)</b>	Sign in to a PlayStation Network account to use the services.
 <b>(Sony Select)</b>	Access Sony Select to download applications or games.
 <b>(TrackID™)</b>	Check information for currently playing music.
 <b>(TrackID™ TV)</b>	Check information for currently showing TV program.
 <b>(TV SideView)</b>	Use handset as remote controller for Sony TV.
 <b>(Twitter)</b>	Twitter official client application for publishing short messages on websites to share with others.
 <b>(UULA)</b>	All-you-can-view general entertainment application offering more than 95,000 contents in various categories such as popular movies, dramas, animes, music videos, live performances, and karaoke; Original UULA contents are also available.
 <b>(Video Unlimited)</b>	Download favorite movies and view them on any device.
 <b>(Walkman)</b>	Play back music data saved in handset memory or SD Card.
 <b>(What's New)</b>	Enjoy latest music, movies, applications, or games.
 <b>(Wi-Fi Spot Settings)</b>	Enable login to SoftBank Wi-Fi Spot automatically in SoftBank Wi-Fi Spot area. Subscription to SoftBank Wi-Fi Spot service is needed.
 <b>(Xperia™ Lounge Japan)</b>	Access smartphone web pages for Sony Mobile Communications products and campaigns.
 <b>(Yahoo!)</b>	Activate Yahoo! JAPAN for smartphones. Various search menus such as "リアルタイム" (real time) for catching "tweets." Also, check news, weather, disaster, or other information.
 <b>(YouTube)</b>	Play videos or upload recorded videos.
 <b>(Alarm &amp; clock)</b>	Use Alarm, World clock, Stopwatch, or Timer.






	In World clock, view local time for any region in the world. Add regions and check several regions' times at the same time.
 <b>(Album)</b>	Play still images or videos.
 <b>(あんしんバックアップ)</b>	Save handset data for Contacts/Bookmarks/Calendar/S! Mail to the cloud server or SD Card, or load the server data to your handset. Convenient when changing models.
 <b>(位置ナビLink)</b>	Let others find your handset location. Requires subscription to optional 位置ナビ service.
 <b>(Osaifu-Keitai)</b>	Use Osaifu-Keitai <sup>®</sup> .
 <b>(Voice Search)</b>	Use Google Voice Search.
 <b>(Camera)</b>	Capture photos or videos.
 <b>(Calendar)</b>	View calendar to manage events.
 <b>(Urgent News)</b>	Receive Earthquake Early Warning or Tsunami warning delivered by the Meteorological Agency. If the warning is received when you are in the target area, handset sounds an alert, vibrates, and a message appears. Disaster/evacuation information can also be received from the national and local governments.
 <b>(Disaster Message Board)</b>	Post, view, and delete whereabouts information in the event of a major disaster, such as a "6弱" (roku-jyaku, "6 Lower") or larger earthquake. And saved whereabouts information is automatically sent to specified email address set in advance.
 <b>(Photos)</b>	View photos and videos. Sign in to Google+ to back them up.
 <b>(Sketch)</b>	Create illustration or load photo image and edit it.
 <b>(Smart Connect)</b>	Set operations for connecting external device or activating/ending applications.
 <b>(Smart Security)</b>	"Smart Security powered by McAfee <sup>®</sup> " protects your handset from viruses or leakage of personal information. Eliminate virus via infected installed application, email attachment files, or SD Card. Also, rate personal information that can be handled by applications.
 <b>(スマセレ)</b>	Download "アプリパック" package of select applications or "セレクト" package of applications and Home Screens in one download. Customizing whole Home Screen is available if choosing "セレクト."
 <b>(Settings)</b>	Make handset settings.
 <b>(Downloads)</b>	View downloaded file list using Browser. Rearrange files listed in chronological order to in file size order, select, and delete downloaded files.
 <b>(Guide)</b>	Check how to use SoftBank smartphone operations.

	Also view User Guide for handset, and access FAQ web page.
 <b>(Tethering)</b>	Application for using 4G compatible smartphone as mobile Wi-Fi router. To use the feature, subscription to Tethering option is needed.
 <b>(TV)</b>	View TV.
 <b>(Calculator)</b>	Perform basic and other operations.
 <b>(電子書籍 Reader by Sony)</b>	Purchase e-books from Sony eBook store "Reader Store."
 <b>(Phone)</b>	Place calls or make call settings.
 <b>(とくするパック)</b>	"Value and safe" service for enjoying smartphone; use value Yahoo! Premium, theft or loss support, or super bargains for members only.
 <b>(Drive)</b>	View and edit files saved in Google Drive.
 <b>(News from Sociallife)</b>	View and manage social networks such as Facebook or Twitter or favorite news websites altogether.
 <b>(Hangouts)</b>	Chat using photos, pictograms, or videos.
 <b>(Browser)</b>	Access Internet to browse web pages.
 <b>(ヘルスケア)</b>	View and manage health-related data such as number of steps, consumed calories, hours of sleep, or weight by linking health-monitoring devices provided by SoftBank.
 <b>(Maps)</b>	Position current location or search other places or route.
 <b>(Movies)</b>	Play back videos downloaded via Video Unlimited or transferred from a PC etc. Play back videos from DLNA device or TV programs recorded by TV transfer compatible Blu-ray Disc recorder on handset using Wi-Fi feature.
 <b>(Mail)</b>	Use SMS/S! Mail on SoftBank smartphones. Use "@softbank.ne.jp" or "@x.vodafone.ne.jp" mail address. Sending or receiving of decorated mail or pictograms is available.
 <b>(Contacts)</b>	Manage contacts.




## Operations on Applications List

### Adding Icon to Home Screen

In Applications List, Touch & Hold an icon  Drag it to **Add to Home screen** at the top of window  Drag the icon anywhere in Home Screen area  When Home Screen appears, Drag it to desired position


### Deleting Applications

Some application cannot be uninstalled.

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

**Uninstall**

## Rearranging Icons

Flick right from the left edge of Applications list  Own order/Alphabetical/Most used  
n With "Own order" set, Touch & Hold an icon to rearrange to desired position.

# Phone Number

---

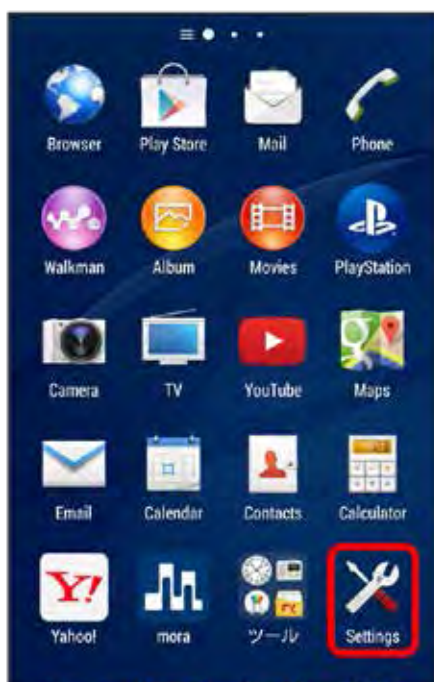
⌂ [Checking Your Phone Number](#)

---

## Checking Your Phone Number

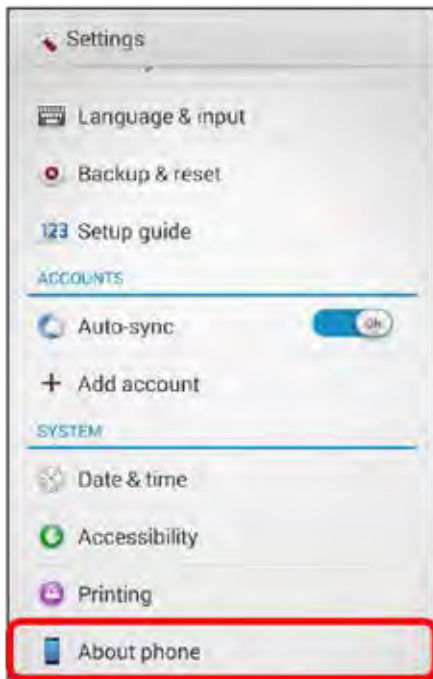
1

In Home Screen,    (Settings)



2

About phone



### 3

## Status



 Check phone number.

# Silent Mode

---

[Using Silent Mode](#)


---

## Using Silent Mode

Set ringtone, operation sounds, etc. not to sound to avoid disturbing others around you.  
n Camera shutter, video start/stop tones, video and music sound even in Silent mode.

1

---

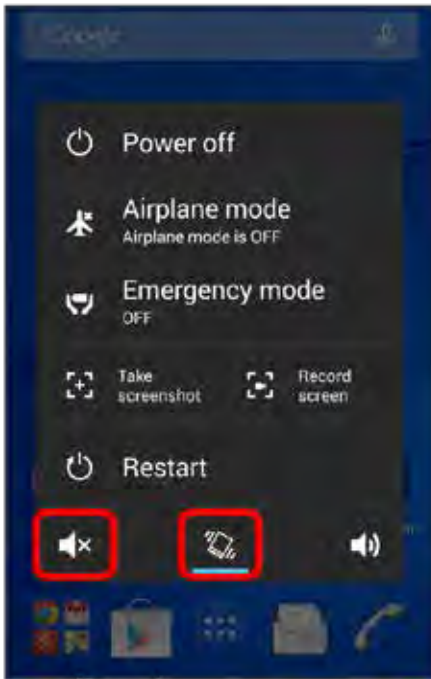
 (Long Press)




2

---

 (Mute) /  (Vibrate)



 Handset is in Silent mode.

n Long Press Volume Down Key to set vibrator, and Press Volume Down Key to mute sound while vibrator is set.

# Airplane Mode

---


 [Using Airplane Mode](#)

---

## Using Airplane Mode

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

1

 (Long Press)

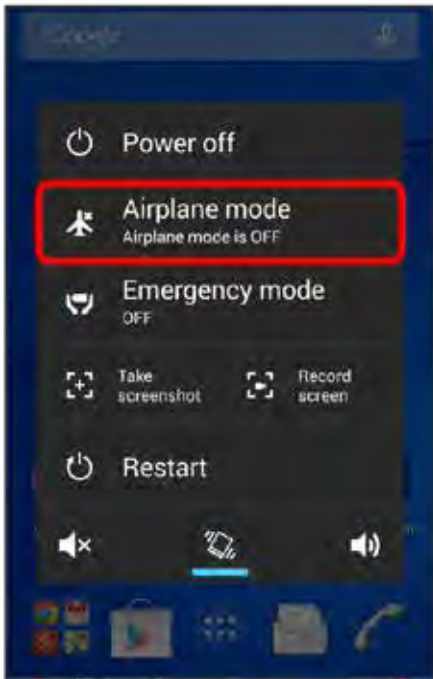


Sample  
(イラスト)

2

Airplane mode





 Handset is in Airplane mode.

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


# Text Entry

---

- ⌂ Keyboard
- ⌂ Keyboard Layout
- ⌂ Entering Alphabet
- ⌂ Entering Emoticons/Pictograms
- ⌂ Pasting Cut/Copied Text
- ⌂ Making Text Entry Settings

## Keyboard

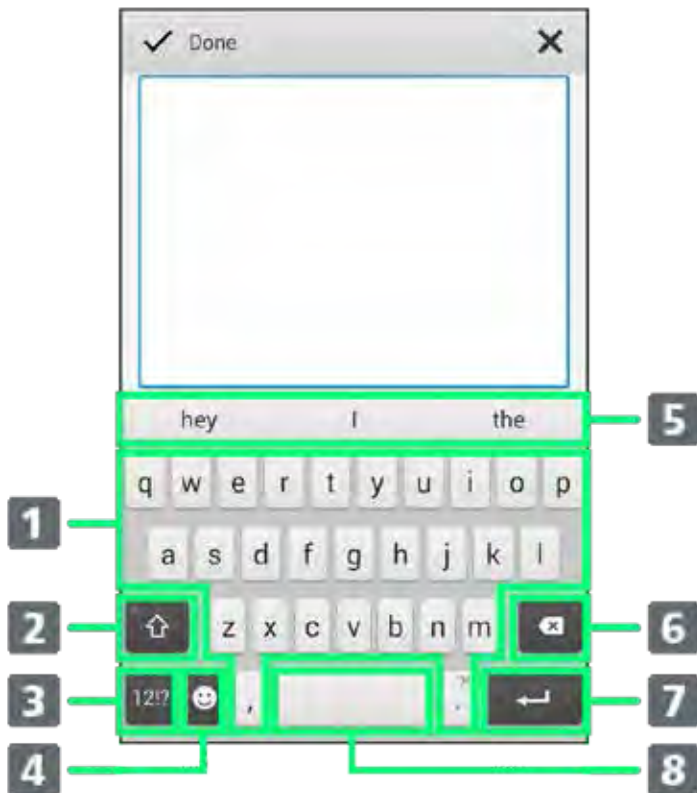
Enter text with on-screen QWERTY keyboard by Tapping each character individually, or use Gesture input feature and slide finger from character to character to form words.

n Tap  to hide keyboard




n Touch & Hold text in text entry window and magnified text appears in small balloon.

n Input method is set to International keyboard (Xperia™ keyboard) by default. To input Japanese, change default keyboard to Xperia™ Japanese keyboard. For settings, see "[Language & input.](#)"

## Keyboard Layout



**Enter a character.**

Switch between lower-case , upper-case , and caps . For some languages, this key is used to access extra characters in the language.

Toggle with numbers and symbols keyboard. For even more symbols, Tap .

**Show Emoticon/Pictogram list.**

**Show entry candidates.**

**Delete a character before cursor.**

**Enter line break or confirm text input.**

**Enter a space.**

## Entering Alphabet

n To enter character visible on keyboard, Tap the character.

n To enter character variant, Touch & Hold keyboard character to show option list, then select from the list.

n To enter a period, Double-Tap the space bar.

# Entering Emoticons/Pictograms

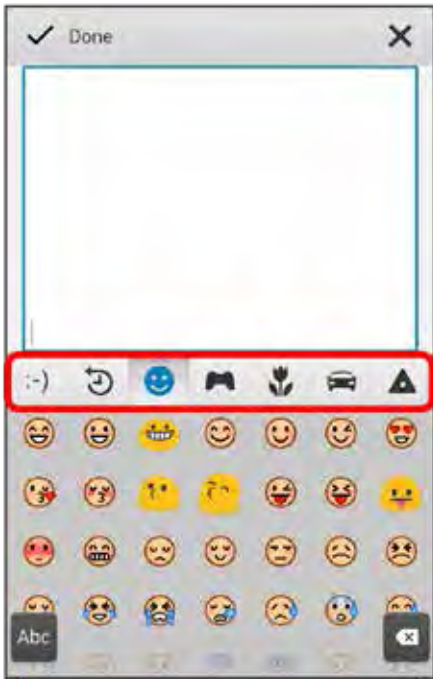
1

In Text Entry window, 



2

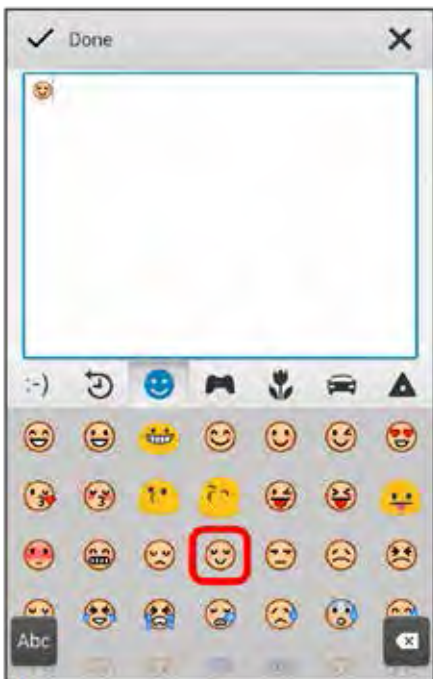
Toggle option tab above the keyboard





n Scroll down to view more options on each list.

### 3

Tap emoticon or pictogram



Emoticon or pictogram is entered.


- n Pictograms can be entered consecutively.
- n To return to QWERTY keyboard, Tap / .


## Pasting Cut/Copied Text

1



Double-Tap text



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

- n To enter all text, Tap .

2

Drag /  to select range



### 3


✂ or 📄



### 4

Touch & Hold Text Entry window → PASTE



 Cut/Copied text is pasted.

## Making Text Entry Settings

1

Tap , then Tap 

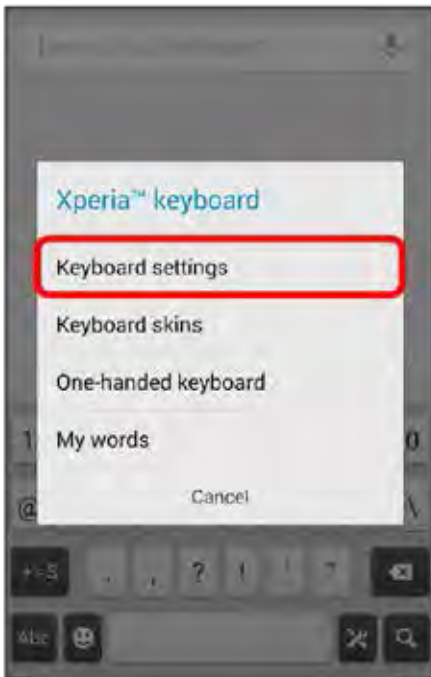





 Option menu appears.

2


## Keyboard settings



 Settings menu opens.

## Personalization guide



 Setting guidance window opens.

n Follow onscreen prompts to customize keyboard.

### Other Options

#### Changing Keyboard Skin


In Option menu, Tap **Keyboard skins** → Flick left or right to choose desired skin → **Select**

 Keyboard skin is set.

#### Using One-handed Keyboard


In Option menu, Tap **One-handed keyboard**

n To move One-handed keyboard to left or right side, Tap  or  accordingly.

n To return to the regular keyboard, Tap 

#### Editing/Deleting Words in User Dictionary

In Option menu, Tap **My words** → Select word to edit/delete → **Edit word/Delete word**

 Word in User Dictionary is edited/deleted.

# 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.

---

[Obtaining a Google Account](#)

---

[Logging In with a Google Account](#)

---

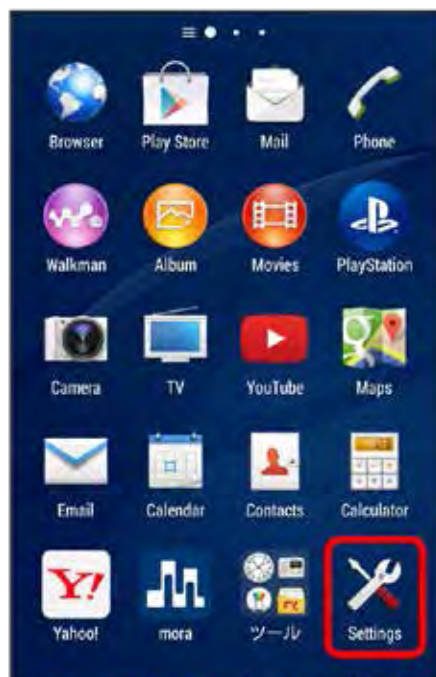
## Google Account Cautions

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

## Obtaining a Google Account

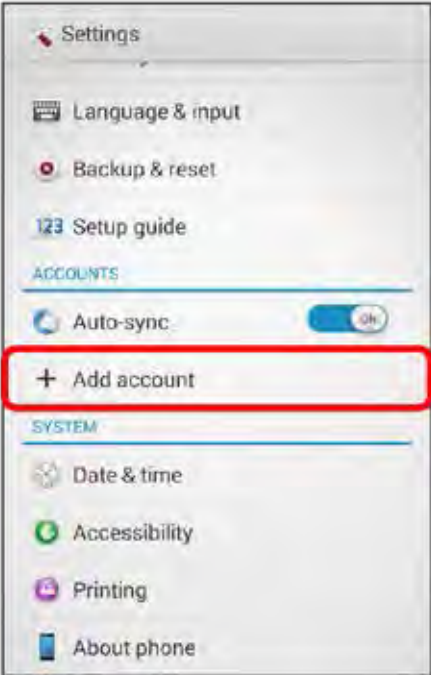
1

In Home Screen,    (Settings)



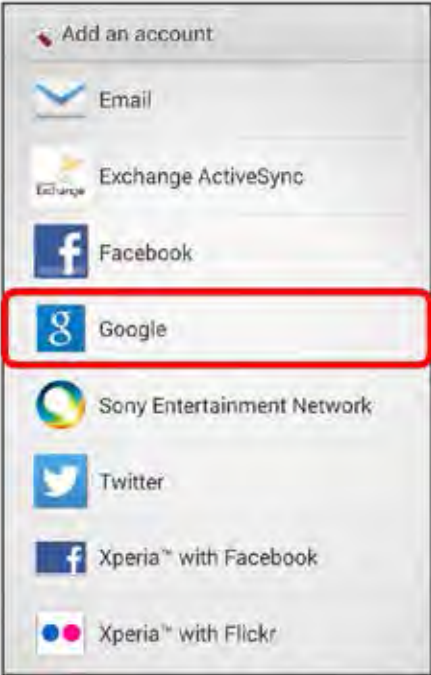
2


Add account



3

Google



 Add a Google Account appears.

4

---

New



5

---

Enter First name → Next → Last name → 



6

Enter mail address → ▶



n If confirmation appears, follow onscreen instructions.

7

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



8

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

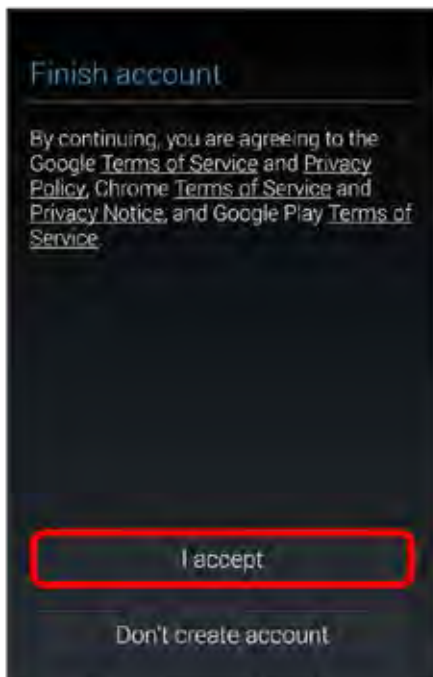


n To set password recovery, Tap **Set up recovery options**. Follow onscreen instructions.

9

---

I accept




10

---

Enter distorted characters ➡ ◼





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

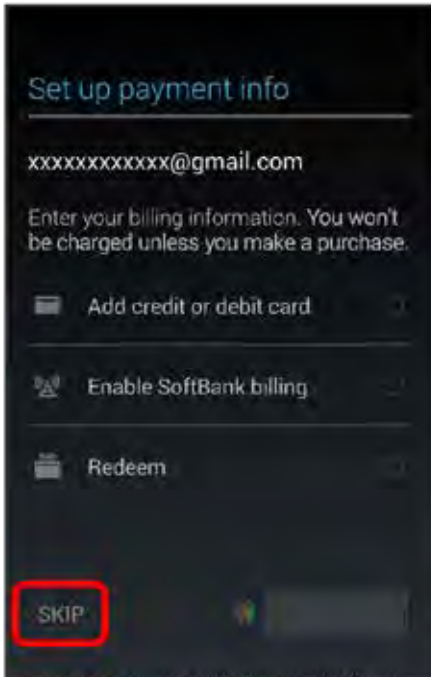
11

Not now



n For using Google+, Tap **Get started**   in order. Follow onscreen instructions.

## Skip



 Account creation is completed.

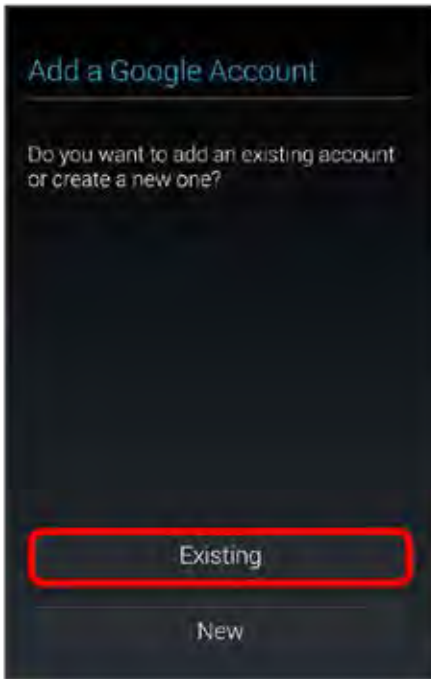
- n To set payment information, select the item, and Tap **Next**, then follow onscreen instructions.
- n If confirmation appears, follow onscreen instructions.


## Logging In with a Google Account

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

## 1

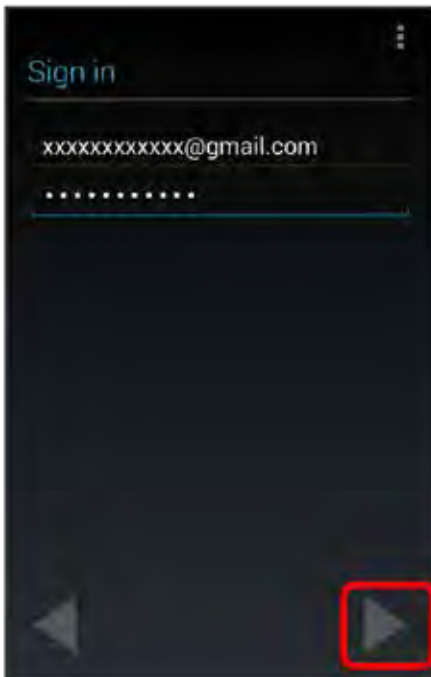
In a window to add a Google account, **Existing**



 Google account Sign in appears.

2


Enter mail address  Next  Enter password  



3

---

Follow onscreen instructions

 You are signed in to your Google account.

# Google Play

---

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

---

[Installing Free Applications](#)

---

[Purchasing Paid Applications](#)

---

[Updating Applications](#)

---

[Uninstalling Applications](#)

---

[Get Help with Google Play](#)

---


## Installing Applications

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

## Installing Free Applications

1

---

In Home Screen,  (Play Store)



 Google Play appears.

n If confirmation appears, follow onscreen instructions.

**2**

---

Tap free application → **Install** → **ACCEPT**

 Application is downloaded and installed.

## Purchasing Paid Applications

**1**

---

In Home Screen,  (Play Store)



 Google Play appears.

n 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.

Flick right from the left end of Google Play window → **My apps** → Tap application →


**REFUND**

### **Purchasing Applications**

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

## Updating Applications

1





In Home Screen,  (Play Store)



 Google Play appears.

n If confirmation appears, follow onscreen instructions.

2

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

 Application is downloaded and installed.

n If confirmation appears, follow onscreen instructions.



## + Automatic Application Updates

Flick right from the left end of Google Play window → My apps → Tap application →


Auto-update (✓)

n Automatic updates are unavailable for some applications.

## Uninstalling Applications

Applications installed from Google Play can also be uninstalled.

1

In Home Screen,  (Play Store)




 Google Play appears.

n If confirmation appears, follow onscreen instructions.

2

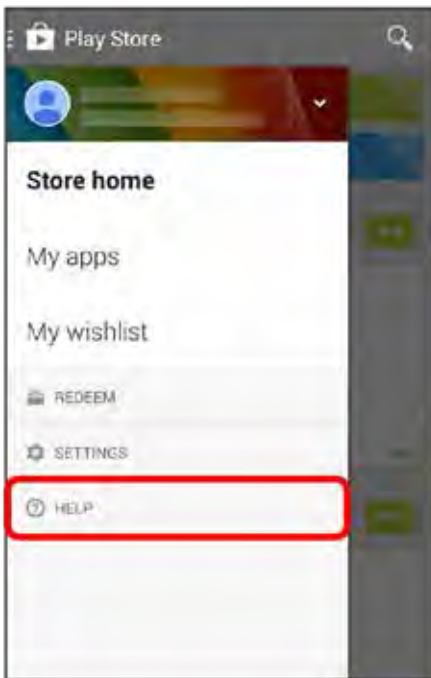
Flick right from the left end of Google Play window → My apps → Tap application to uninstall → UNINSTALL → OK


 Application is uninstalled.

## Get Help with Google Play

1


Flick right from the left end of Google Play window  **HELP**



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

2

Follow onscreen instructions

 A description for each item appears.

# Security Codes

---

## Security Codes

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

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

# SIM PIN

---

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

---

ê [Enabling SIM PIN](#)

---

ê [Changing SIM PIN](#)

---

## Enabling SIM PIN

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

1


---

In Home Screen,    (Settings)  **Security**



2

Set up SIM card lock → Lock SIM card → Enter PIN → OK

 PIN is enabled.

### PIN Cautions

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

## Changing SIM PIN

Operation can be performed only when PIN is enabled.

1

In Home Screen,  →  (Settings) → Security



2


Set up SIM card lock → Change SIM PIN → Enter PIN → OK → Enter new PIN → OK →

Enter new PIN again (for confirmation) → 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](#)

---

 [Adding Widgets to Lock Screen](#)

---


## Unlocking Screen

1

---

In sleep mode (Screen lock active), 




 Lock screen appears.

2

---

Flick screen



 Screen is unlocked.

n The method for unlocking the screen can be changed. See “[Security](#)” for the unlock method.

## Adding Widgets to Lock Screen

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


1

---

On Lock screen, Flick right clock widget  






n When widgets are already added, Flick right until  is shown.

## 2




Select a widget






 Widget is added to Lock screen

## Operations on Lock Screen

### Deleting Widgets

On Lock screen, Flick widget right  Flick right or left to show widget to delete  Touch & Hold the widget  Drag the widget to "Delete."

### Launching Camera

On Lock screen, Touch & Hold   Drag it to .

# Updating Software

---

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

---

## 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 Mobile Corp. is not responsible for damages from loss of data.

Software Update makes a part of settings to the default.

### Software Update Cautions

#### During Update

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

#### Signal during Update

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

#### If Using Other Functions

Other functions cannot be operated during a software update.

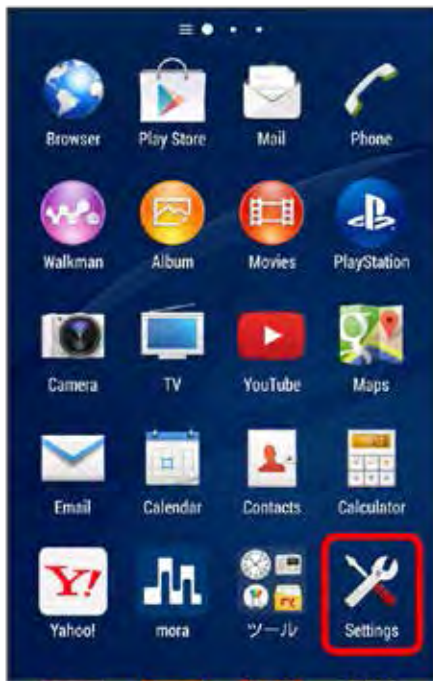
## Updating Software

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

1

---

In Home Screen,    (Settings)



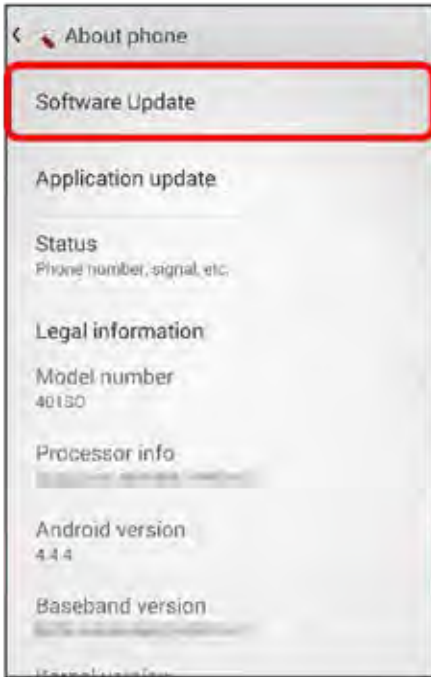
2

### About phone



3


## Software Update



 Software Update window opens.

4

Software Update → Follow onscreen instructions

 Software update starts.



### Connecting to PC to Update Software

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

For installation of the software, see the following web page.

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



### Operations for Software Update Configuration

#### Setting whether to update Software Automatically

On Software Update window, **Automatic Update Settings** → **Not automatically update** / **Automatically update** → **OK**

#### Setting Scheduled Update

On Software Update window, **Update Schedule Settings** → **Set a time** → **OK**

# Home Screen Basics

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

Home Screen Layout

Home Screen Sheets

## Home Screen Layout



Item	Description
<b>1</b> Status Bar	Drag down for Notifications Window.
<b>2</b> Home Screen Position	Current position among several Home Screen sheets.
<b>3</b> Dock	Tap an icon to activate application or function. Customize with up to four application shortcuts. Also, create folders.
<b>4</b> Navigation Bar	Tap Key icon to operate. For Navigation Bar, see " <a href="#">Operations on Navigation Bar.</a> "

<b>5</b>	<b>Customize Area</b>	Place application shortcuts, folders, widgets freely.
<b>6</b>	<b>Applications List</b>	Open applications list.
<b>Key</b>		

## Toggling Home Screen Sheets

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

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

### Operations on Simple Home

#### Switching to Simple Home

Simple Home provides Home Screen with basic functions and main setting items.

In Home Screen,   Settings  Home  Simple Home  OK

#### Switching to Standard Home Screen

In Simple Home screen, Settings  Exit Simple Home  OK

# Status Bar

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

ê [Status Bar Layout](#)

ê [Main Notification Indicators](#)

ê [Main Status Indicators](#)

## Status Bar Layout


























**Notification Indicators**  
**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 <sup>1</sup> /Dialing <sup>1</sup>
	Answer on Hold <sup>1</sup> /Call on Hold <sup>1</sup>
	New Recorded Message
	New Voicemail
	New Gmail
	New Email
	New Text Message (SMS)/S! Mail
	Urgent News
	Wi-Fi Open Network Available
	USB Connected
	Sharing File via Bluetooth <sup>®</sup>
	Data Uploading
	Data Downloading
	Application Update Available
	Application Installation Complete
	Screenshot/Screen Recording Saved
	Viewing TV <sup>1</sup> /Scheduled Viewing Started
	Recording TV <sup>1</sup> /Scheduled Recording Started
	Playing Back Music with Walkman <sup>®</sup>
	Calendar Event Reminder
	Snoozing/Unchecked Alarm
	NFC/Osaifu-Keitai <sup>®</sup> Locked
	Unmount SD Card
	SD Card Removed
	Reading SD Card
	Software Update Notice, Downloading Complete, Stopped

<sup>1</sup> Appears when switching to other window such as Home Screen.

## Main Status Indicators

Status Indicators appearing in Status Bar include the following.

Indicator	Description
	Battery Full (100%)

	Battery Charging
	Battery Low (4% or less)
	Signal Strength
	4G LTE/4G Data in Use <sup>1</sup>
	3G Data in Use
	No Signal
	Airplane Mode
	Wi-Fi Connected
	Bluetooth <sup>®</sup> ON
	Bluetooth <sup>®</sup> Connected
	Silent (Vibrate) Mode
	Silent (Mute) Mode
	Alarm Set
	Obtaining Current Location

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

# Using Notifications Window

---

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

---

ê [Opening Notifications Window](#)

---

ê [Notifications Window Layout](#)

---


## Opening Notifications Window

1

---


Drag Status Bar down



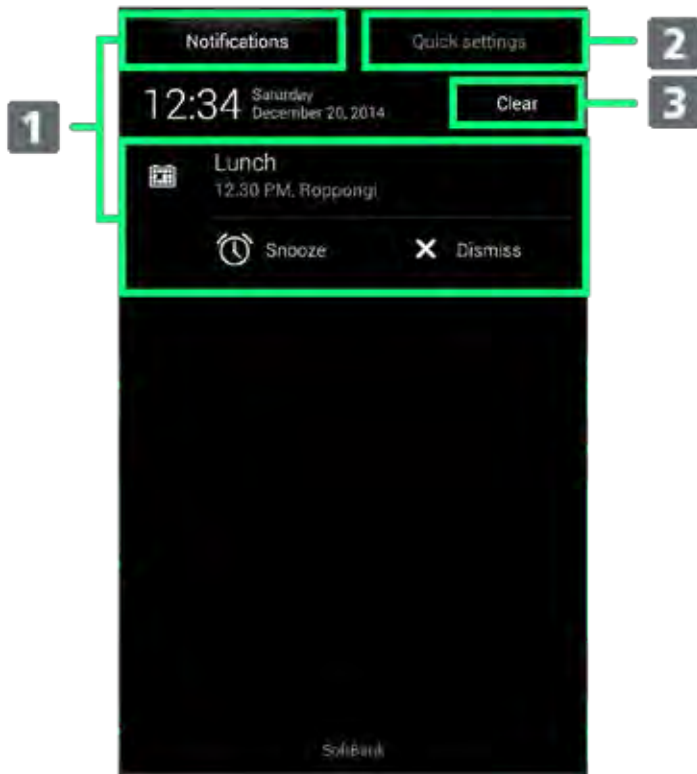
 Notifications Window opens. Open Notification Indicators and check details.

### **Closing Notifications Window**

Drag Notifications Window up

Alternatively, Tap  to close Notifications Window.

# Notifications Window Layout



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

# Activating/Canceling Recently-Used Applications

---

Check recently-used applications and exit them.

---

[ê Activating Recently-Used Applications](#)

---

[ê Canceling All Running Applications](#)

---

## Activating Recently-Used Applications

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


1



2

Tap application in thumbnail list



 Application is activated.

## Canceling All Running Applications

Cancel all running applications.

1





2

Close all






All running applications are canceled.

## Operations for Recently-Used Applications

### Deleting Recently-Used Application from List

  Flick left or right application in thumbnail list.

### Checking Recently-Used Application Information

  Touch & Hold application in thumbnail list  App info



# Using Small Apps

---

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

---

[⌂ Activating Small Apps](#)

---

[⌂ Adding Small Apps](#)

---

[⌂ Deleting Small Apps](#)

---

## Activating Small Apps

Activate small app.

1



2

Tap a small app icon



### Small Apps Bar (Favorites)

Activate small app from here.

- n If one or more small apps are set, Flick Small Apps Bar left or right to find desired small app.
- n To close running small app, Tap ✕.

## Adding Small Apps

1





2



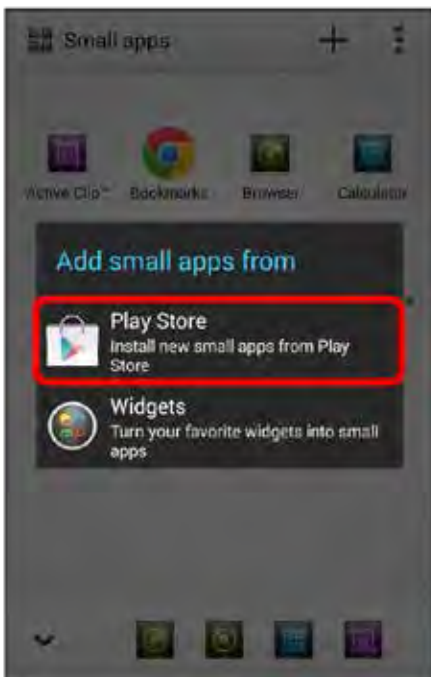
 Small Apps list opens.


### 3



### 4

#### Play Store



 Google Play activates.

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


5

Tap small app to download




 Small app is installed to Small Apps list.

### **Operations in Small Apps List**

#### **Adding Small App to Small Apps Bar (Favorites)**

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

#### **Deleting Small App from Small Apps Bar (Favorites)**

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

#### **Renaming Widget**

In Small Apps list,   **Rename widget**  Tap a widget  Enter name  **OK**

## Deleting Small Apps

Delete widgets or small apps in Small Apps list.

1





2



 Small Apps list opens.

3



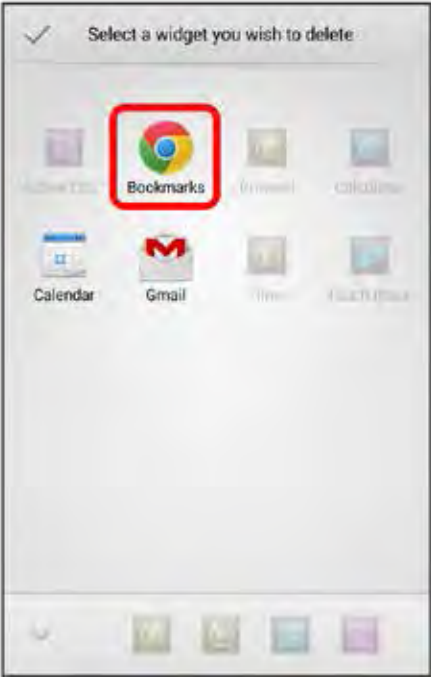
4

Delete widget/Uninstall small app



5

Select widget/small app



6

OK

Widget or small app is deleted.



# Rearranging Home Screen

---

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

---

ê [Changing Wallpaper](#)

---

ê [Changing Themes](#)

---

ê [Adding Shortcuts](#)

---

ê [Adding Widgets](#)

---

ê [Adding Folders](#)

---

## **+** Operations for Rearranging Home Screen

### **Moving Widgets and Icons**

In Home Screen, Touch & Hold target item → Drag where to move widget

### **Deleting Widgets and Icons**

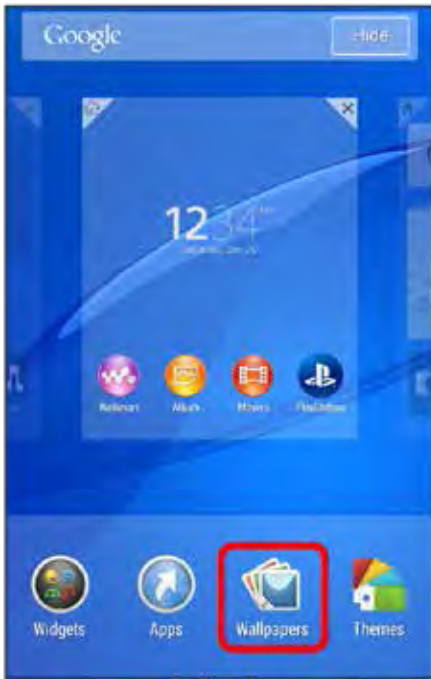
In Home Screen, Touch & Hold target item → Drag to "Remove"

## Changing Wallpaper

**1**

---

Touch & Hold area of Home Screen without icons → **Wallpapers**



n Alternatively, in Home Screen, Tap , **Settings**, and **Personalization**, then Tap **Wallpaper**.

## 2

Select wallpaper

 Wallpaper is set.

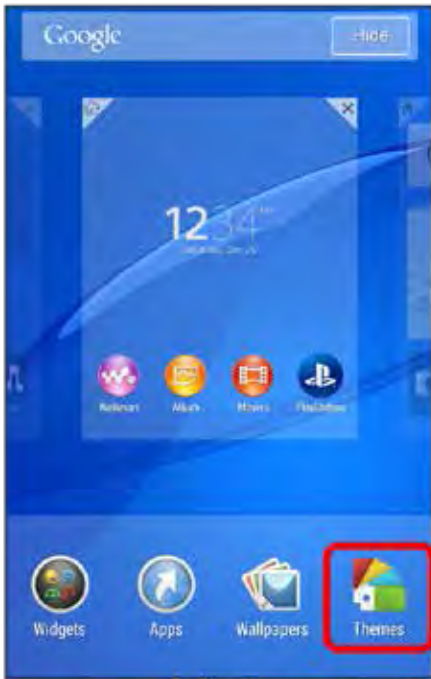
n Depending on selected Wallpaper, additional settings may be required. Follow onscreen instructions.

## Changing Themes

Change theme for Home Screen or wallpaper of Lock Screen.

## 1

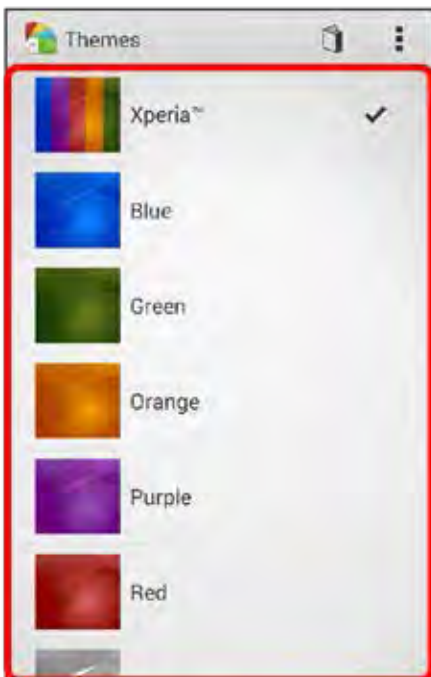
Touch & Hold area of Home Screen without icons  **Themes**



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

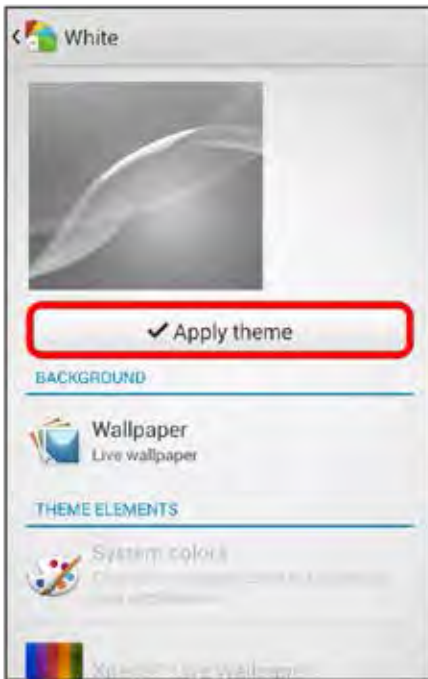
## 2

### Tap theme



3

## Apply theme



4

OK

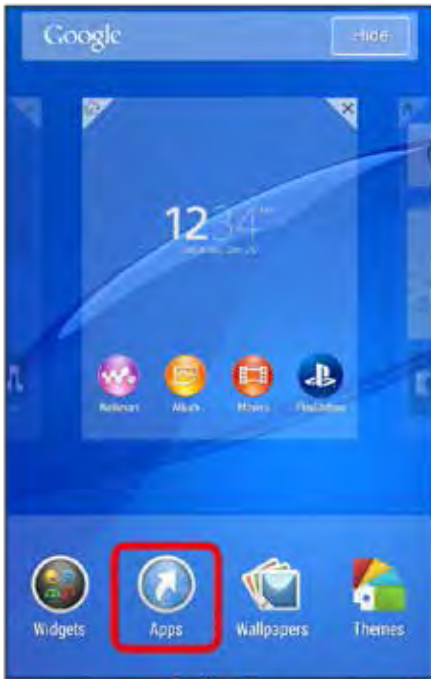
 Theme is set.

## Adding Shortcuts

Add shortcuts for applications.

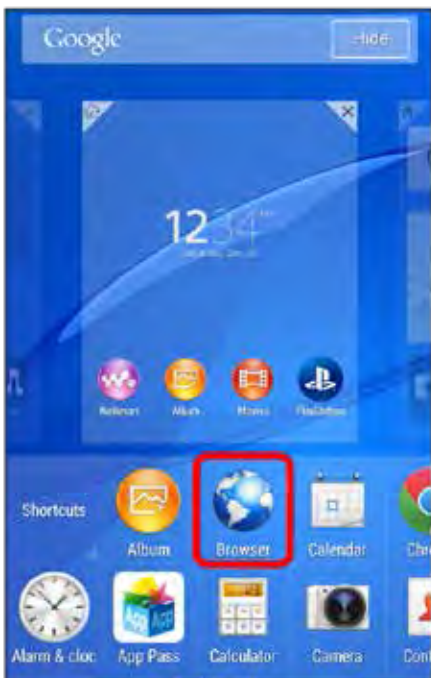
1


Touch & Hold area of Home Screen without icons  Apps



2

Tap application to add a shortcut to



 Shortcut is added.

n If settings appear, follow onscreen instructions.

## Adding Widgets

The following widgets can be added.

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

<b>STAMINA mode</b>	Toggle on/off for STAMINA mode.
<b>TrackID™</b>	Show TrackID™.
<b>TV SideView</b>	Use handset as remote controller for Sony TV.
<b>Twitter (small)/(large)</b>	View Twitter tweet comments. Direct posting is also available.
<b>Walkman</b>	Use Walkman®. Play back, pause, or skip songs.
<b>What's New</b>	View What's New.
<b>YouTube</b>	Show videos recommended by YouTube.

1

Touch & Hold area of Home Screen without icons → Widgets




Widgets list opens.

2

Tap widget



 Widget is added.

n If settings appear, follow onscreen instructions.

## Adding Folders

1

---

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






2

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



 Folder is added.

### **Changing Folder Names**

In Home Screen, Tap folder    Enter folder name  **Done**

# Placing/Answering Calls

---

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

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[ê Placing Calls](#)

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[ê Answering Calls](#)

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[ê In-Call Screen Layout/In-Call Operations](#)

---

## Emergency Call Location Information

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

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

## Adjusting Volume of Call

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

## Hints

**Q** Difficulty during call

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

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

---

**Q** Sound pops momentarily during a call


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

# Placing Calls

1

In Home Screen,  (Phone)



 Call window opens.

2

Tap dialpad to enter the other party's number



n Enter area code first for calling landline numbers.

### 3






Handset dials number. Call begins when other party answers.

To end the call, **End call**



 Call ends.

## **+** Calling the Emergency Number When Handset Screen is Locked

In Lock Screen, Tap **Emergency call**  Enter number for emergency service    
 n It is available when the unlock method is a setting other than **None** or **Swipe**.


## **?** Hints

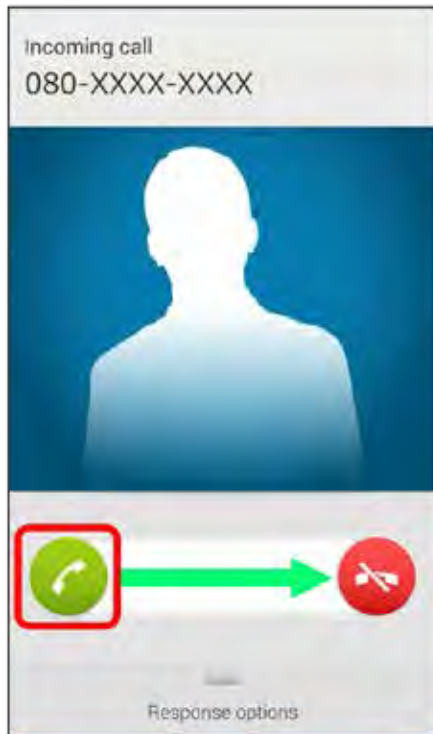
**Q** Call does not connect


**A** Was the number dialed using the area code? Dial the number starting with "0."

**A** Are conditions for calling poor? Call again after moving to an area where signal is good.

# Answering Calls

When a call arrives, Drag  to right




 Call begins.

2

---



To end the call, **End call**



 Call ends.

## Missed Calls

When call is not answered,  appears on Status Bar.





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

## Operations When Call Arriving/Using Answering Machine

### Canceling Ringtone


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

### Answering by Putting a Call on Hold

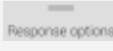


While a call is arriving, Drag  up  **Put caller on hold**  To answer the call, Drag  right.

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

### Rejecting Call

Drag  to left when call is arriving

### Rejecting and Sending Message


While a call is arriving, Drag  up  **Reject with message**  Select message  
n Tap **Write new message** to write message to send.


### Using Answering Machine

While a call is arriving, Drag  up  **Reject with Answering Machine**

- n Activate Answering Machine in advance. See "[Making Call Settings](#)" for details.


### Playing Back Recorded Message from Status Bar


When new message is recorded,  appears on Status Bar.


Drag Status Bar down  Tap notification

- n Recorded messages list opens. Tap a message to play back.







### Playing Back Recorded Message from Call History

When new message is recorded,  appears in Call History.

In Call History, Tap 


- n Recorded message is played back. When the message is played back,  appears.

### Deleting a Recorded Message

In Call History,   **Answering Machine settings**  **Messages**  Touch & Hold a recorded message  **Delete/Delete all**  **OK**

## In-Call Screen Layout/In-Call Operations

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




The screenshot shows an in-call interface for a contact named 'Kaneko'. At the top, the contact name and a call duration of '00:19' are displayed. Below this is a large portrait of the contact. At the bottom, there is a control bar with several icons: a grid icon, a speaker icon, a mute icon, a pause icon, and a dialpad icon. A red 'End call' button is located at the very bottom. Numbered callouts (1-10) point to these elements: 1 points to the contact name, 2 to the call time, 3 to the contact phone number, 4 to the contact image, 5 to the grid icon, 6 to the speaker icon, 7 to the mute icon, 8 to the pause icon, 9 to the dialpad icon, and 10 to the 'End call' button.



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


### Preventing Erroneous Operations During Call

#### Turning off Backlight During Call

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

#### Lock Screen During Call

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

n When "Power button ends call" is set, Pressing  ends call. Instead, Press Volume Up Key/Down Key to unlock screen while "Power button ends call" is set. For details, see "[Accessibility](#)."



# Placing a Call from Contacts/Call History

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Make calls quickly using Contacts and Call History.

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👉 [Placing a Call from Contacts](#)

---

👉 [Placing a Call from Call History](#)

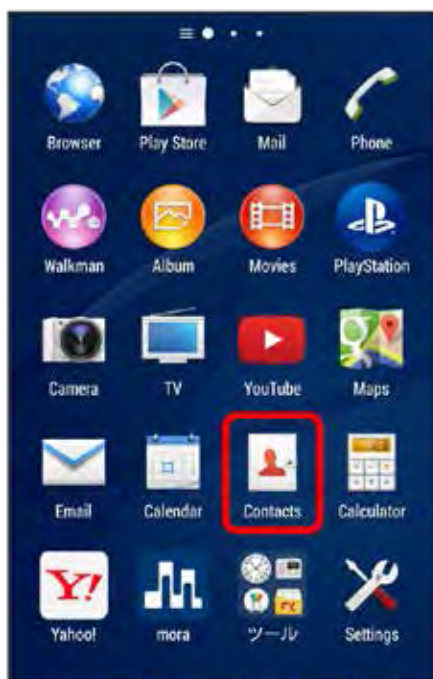
---

## Placing a Call from Contacts

1

---

In Home Screen,    (Contacts)

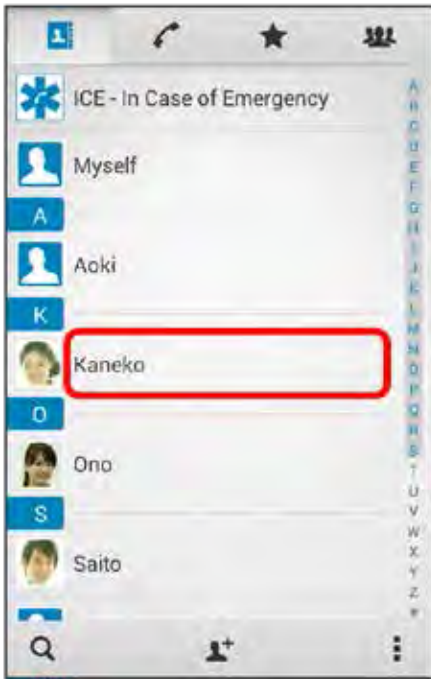


 Contacts appear.

2

---


Tap target contact



3

Tap number




 Handset dials number. Call begins when other party answers.

4

To end the call, **End call**




 Call ends.

## Placing a Call from Call History

1

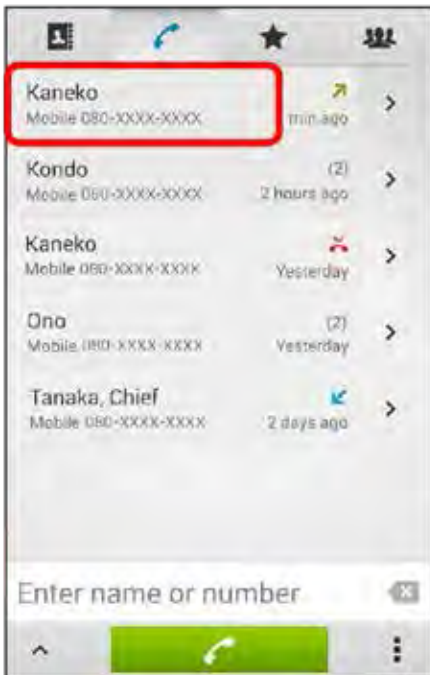
In Home Screen,  (Phone)




 Call History opens.

2


Tap target call log



 Handset dials number. Call begins when other party answers.

To end the call, **End call**




 Call ends.

## Operations On Call History

### Checking Call History Detail

In Call History, Tap  of target log

 Detailed log screen appears.






### Deleting All Call Logs

In Call History,   Clear call log  Clear

### Showing/Hiding Call Logs



In Call History,   Show call log/Hide call log

### Filtering Call Logs

In Call History,   Filter call log  Show all calls ()  Tap option ()  OK

n Each Tapping toggles between Show () / Hide () .

### Enabling Answering Machine

In Call History,   Answering Machine settings

n See "[Making Call Settings](#)" for details.

# Optional Services

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

## Optional Services

Use the following optional services.

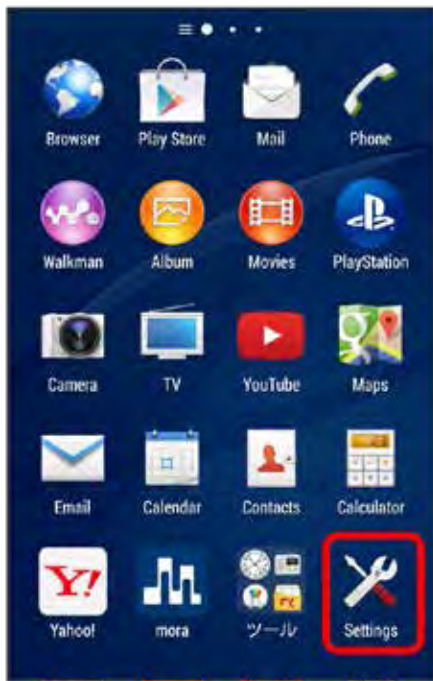
Service	Description
Call Forwarding	Divert all/unanswered calls to a preset number.
Voicemail	Divert all/unanswered calls to Voicemail Center.
Call Waiting <sup>1</sup>	Answer calls during a call.
Group Calling <sup>1</sup>	Connect multiple lines.
Caller ID	Show or hide your number when placing calls.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

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

## Using Call Forwarding

1

In Home Screen,    (Settings)



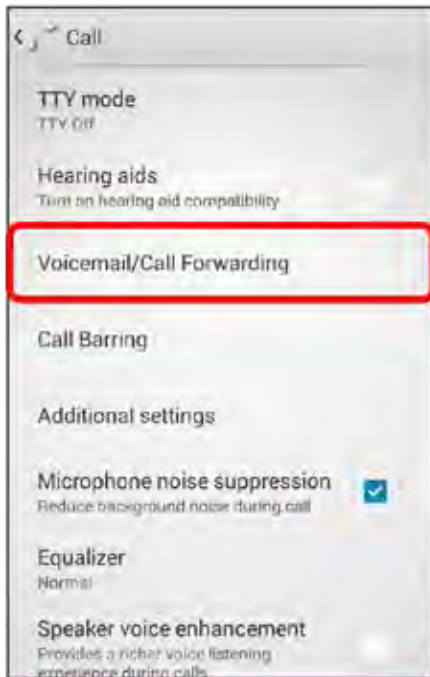
2


### Call



3

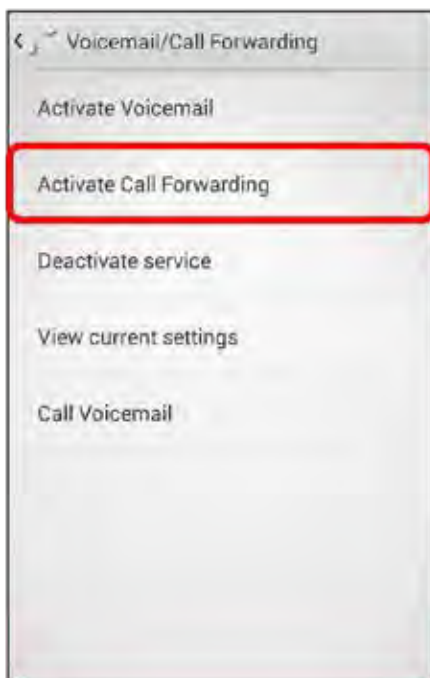
## Voicemail/Call Forwarding



 Voicemail/Call Forwarding window opens.

4

## Activate Call Forwarding





5

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



- n If **Unanswered calls** is selected, set ring time.
- n Select phone number to forward to from Contacts.


6

OK

 Call Forwarding is activated.

### **Deactivating Voicemail/Call Forwarding**

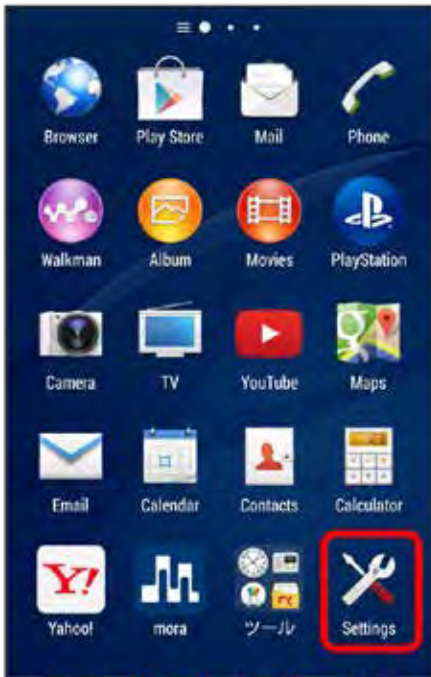
In Voicemail/Call Forwarding window, **Deactivate service** → **Deactivate** → **OK**

 Voicemail/Call Forwarding is deactivated.

# Using Voicemail

1

In Home Screen,    (Settings)



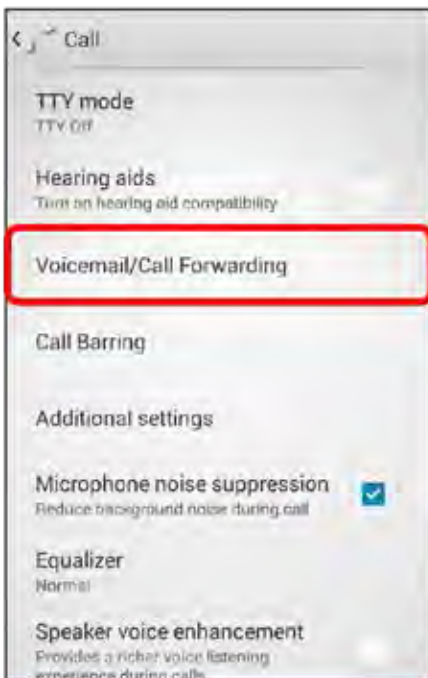
2

Call



### 3

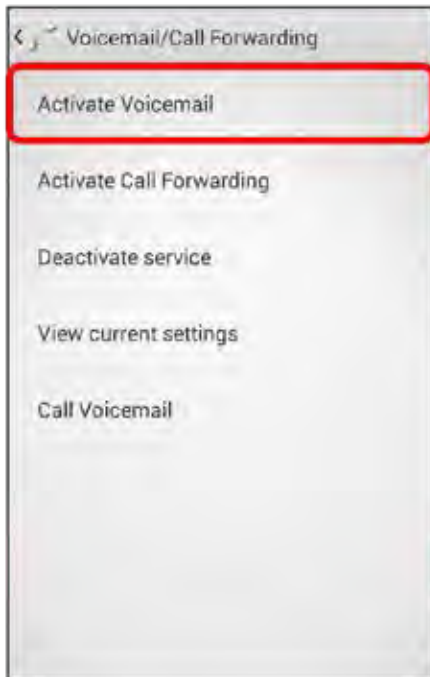
## Voicemail/Call Forwarding



 Voicemail/Call Forwarding window opens.

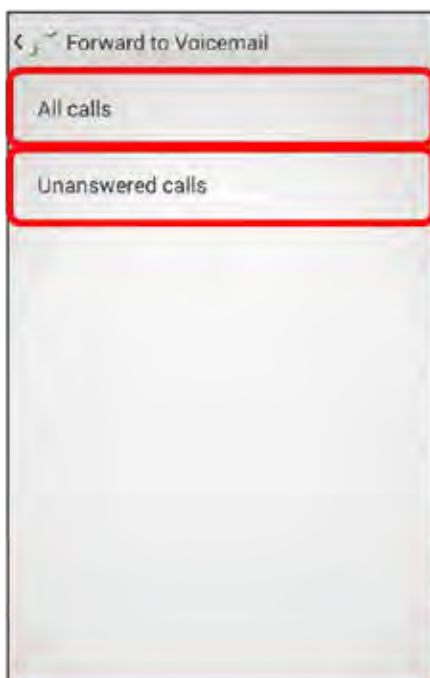
4

## Activate Voicemail



5


## All calls/Unanswered calls




n If **Unanswered calls** is selected, set ring time.

6


OK

 Voicemail is activated.

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

### **Deactivating Voicemail/Call Forwarding**

In Voicemail/Call Forwarding window, **Deactivate service**  **Deactivate**  **OK**

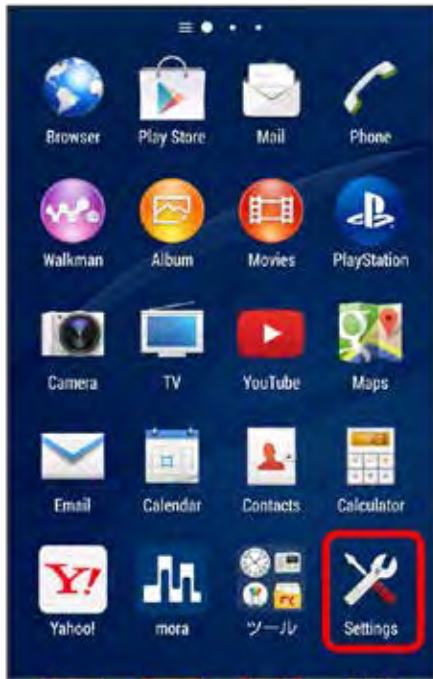
 Voicemail/Call Forwarding is deactivated.

## Using Call Waiting

This service requires subscription.

1

In Home Screen,    (Settings)



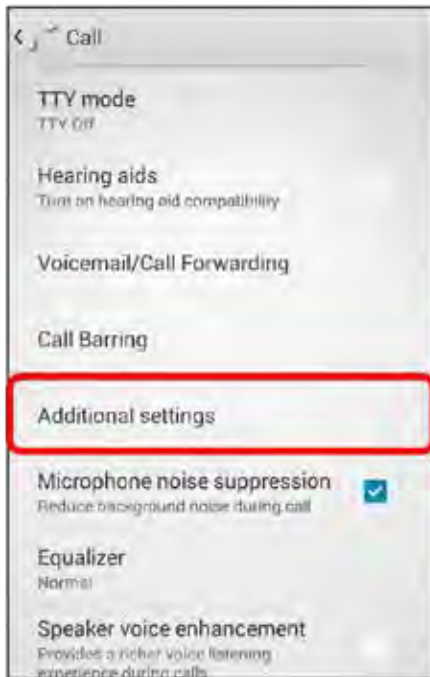
2

## Call



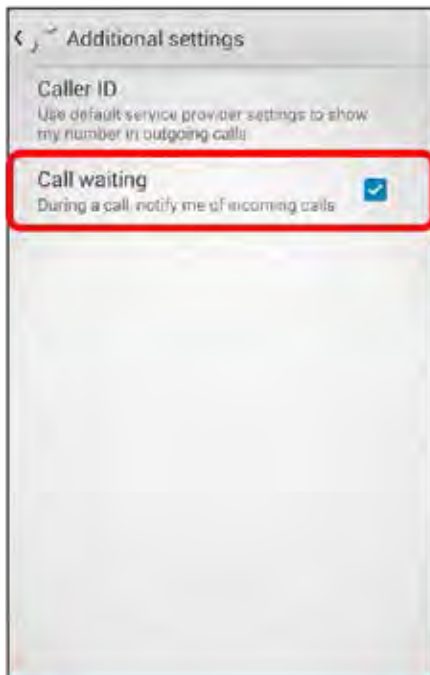
3

## Additional settings



4

## Call waiting (✓)



 Call Waiting is activated.


n When a second call arrives during a call, Call Waiting tone is heard. Drag  right to answer the

call.

## Using Group Calling

This service requires subscription.

1

During a call, 




2

Enter phone number/Select from contacts  





 Call is added.

**3**

---

When the other party answers, **Merge calls**

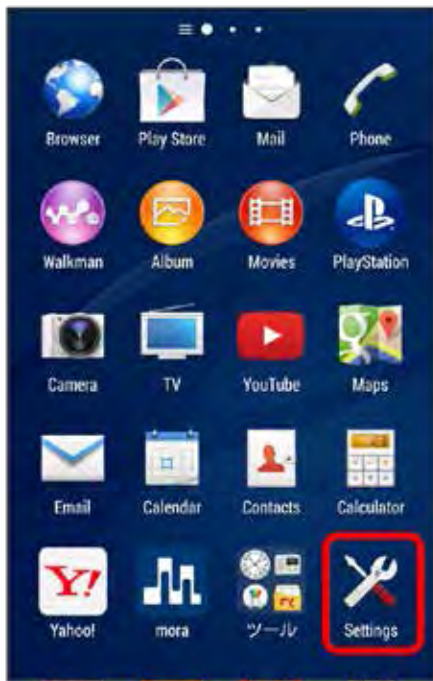
 Group Calling starts.

## Using Caller ID Notification

**1**

---

In Home Screen,    (Settings)



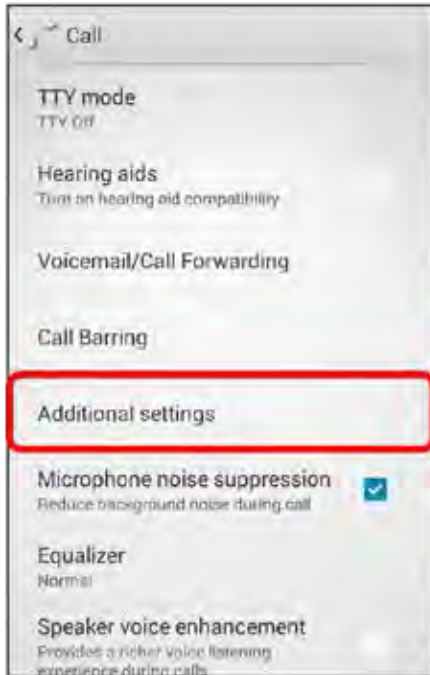
2

### Call



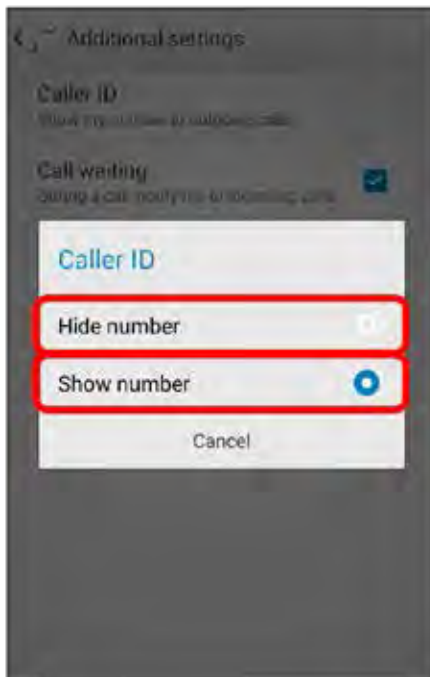
3


## Additional settings



4

## Caller ID → Hide number/Show number



 Caller ID is set.

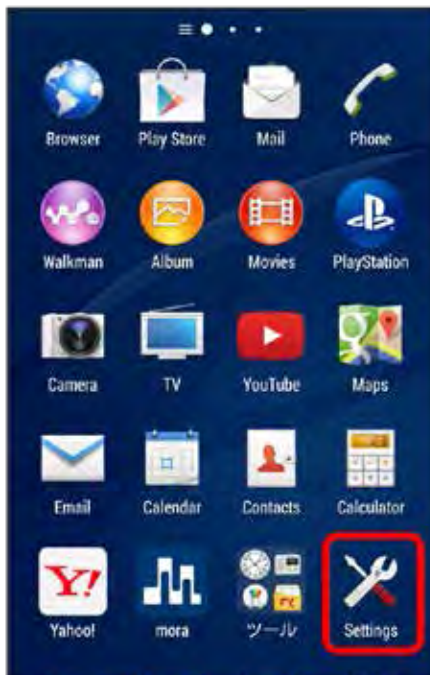
# Using Call Barring

Restrict call and SMS.

- n Call Barring requires Call Barring Password.
- n Entering incorrect Call Barring Password three times disables Call Barring. Call Barring Password must be changed. For details, contact [Customer Service](#).
- n If you have previously changed Call Barring Password on SoftBank handset, enter the latest Call Barring Password to set Call Barring.
- n 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,    (Settings)



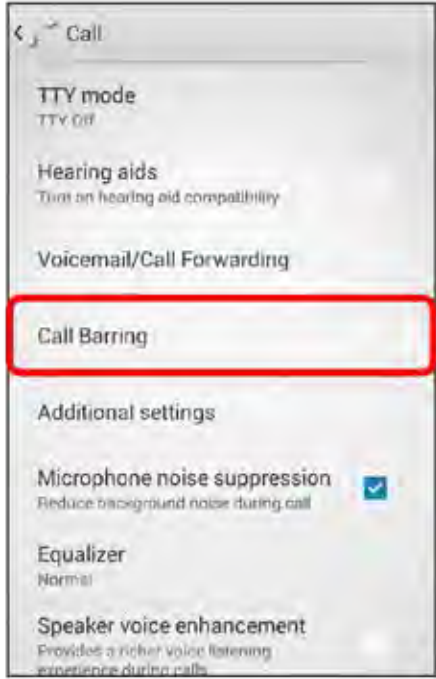
2

Call



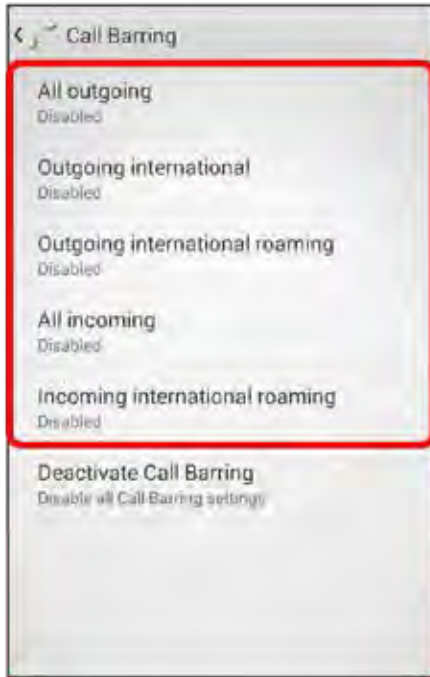
3

Call Barring



4

Tap target option to restrict → Enter Call Barring Password → Enable/Disable



🏁 Call Barring is set.

n To disable all call barring, Tap **Deactivate Call Barring** and enter Call Barring Password, then Tap **OK**.

# Making Call Settings

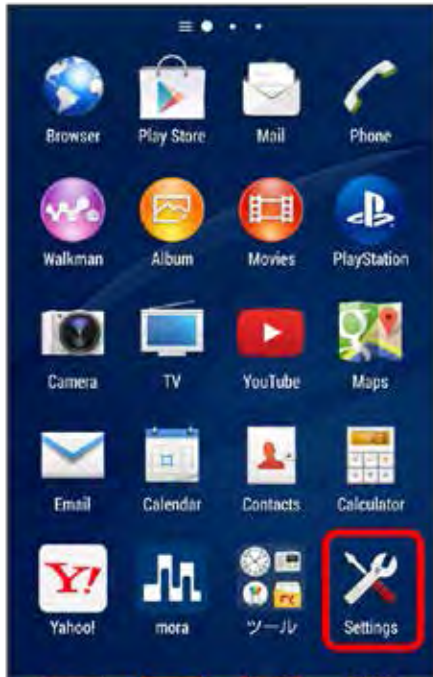
🏠 Making Call Settings

## Making Call Settings

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

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


In Home Screen,    (Settings)



2

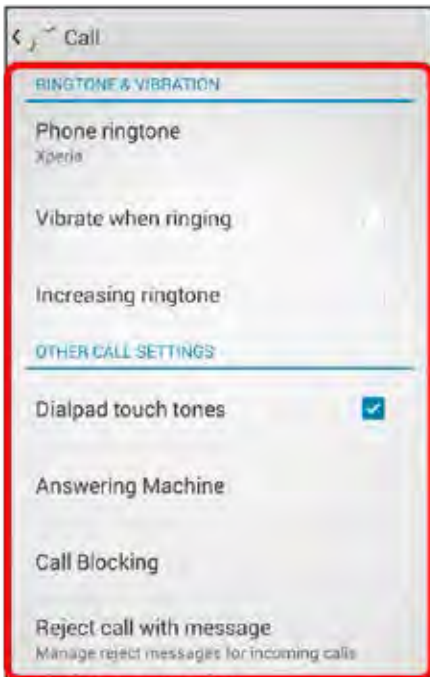
Call



 Call window opens.



## Set items




 Call-related settings are complete.

### Call Settings Operations

#### Enabling Answering Machine

Enable Answering Machine to receive the other party's message for unanswered calls. It is different feature from Voicemail service. When setting for first time, record greeting. In Call settings, **Answering Machine** → **Answering Machine** → **OK** → Record greeting → Enter file name, **Save**.

 Answering Machine is set ()

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

#### Playing Back Recorded Messages

In Call settings, **Answering Machine** → **Messages** → Tap recorded message.

 Recorded message is played back.

#### Deleting a Recorded Message

In Call History, Answering Machine settings → Messages → Touch & Hold a recorded message → Delete/Delete all → OK

### Setting Call Blocking

Set blocks by call type.

In Call settings, Call Blocking → Block calls (  ) → Confirm Note for emergency call, OK → Tap type of call to block (  ).

 Call Blocking is set.

# Using Contacts

---

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

---

[Adding New Contacts](#)

---

[Checking Contacts](#)

---

[Contacts Screen Layout](#)

---

[Editing Contacts](#)

---

[Deleting Contacts](#)

---

## **Contacts Cautions**

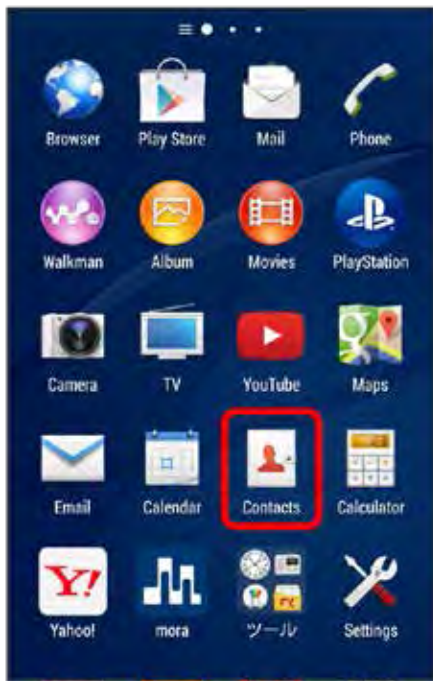
If handset is left uncharged, contact may be altered/lost. Accident or malfunction may also cause loss or change to information. It is recommended that you keep a separate copy of contacts and other important information. SoftBank Mobile Corp. is not responsible for any damages from lost or changed contacts.

## Adding New Contacts

1

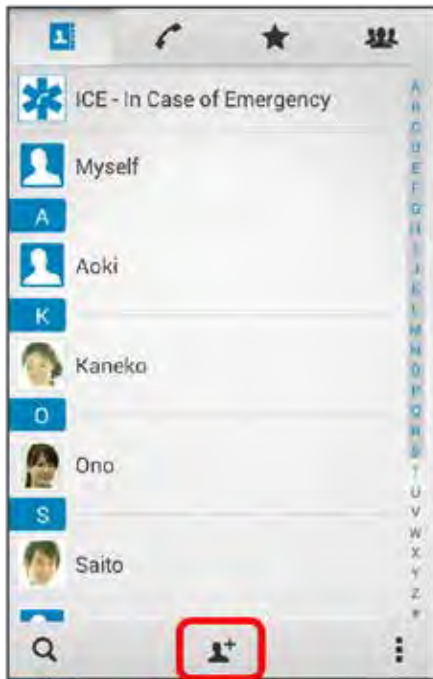
---

In Home Screen,    (Contacts)



 Contacts appear.

2



n If confirmation appears, follow onscreen instructions.

3

Enter items → Done



📱 Contact is added.

### + Saving Contacts from Call Window

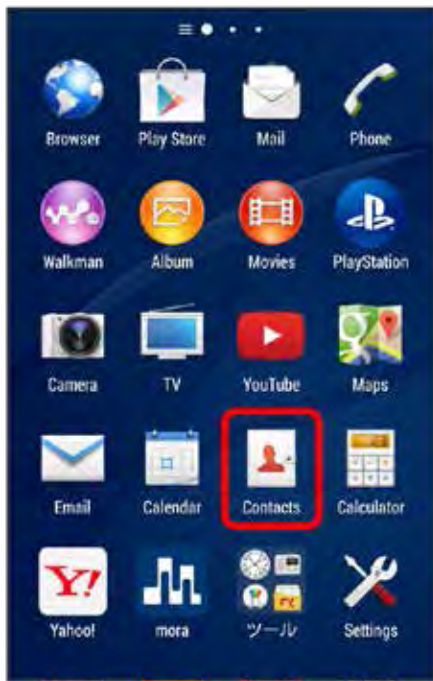
Save a number entered in call window directly to Contacts.

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

## Checking Contacts

1

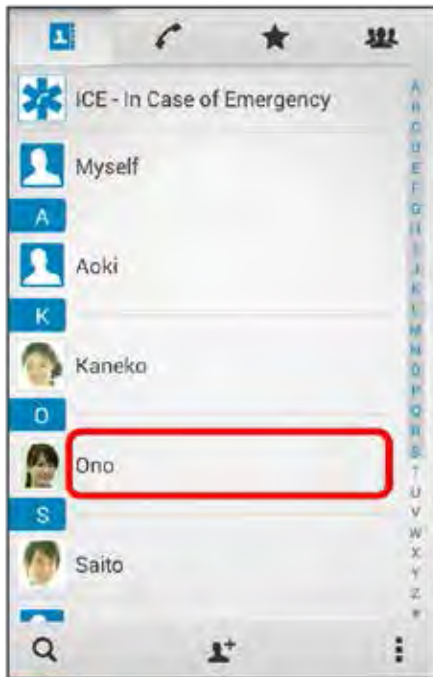
In Home Screen, 🗄️ → 👤 (Contacts)




 Contacts appear.

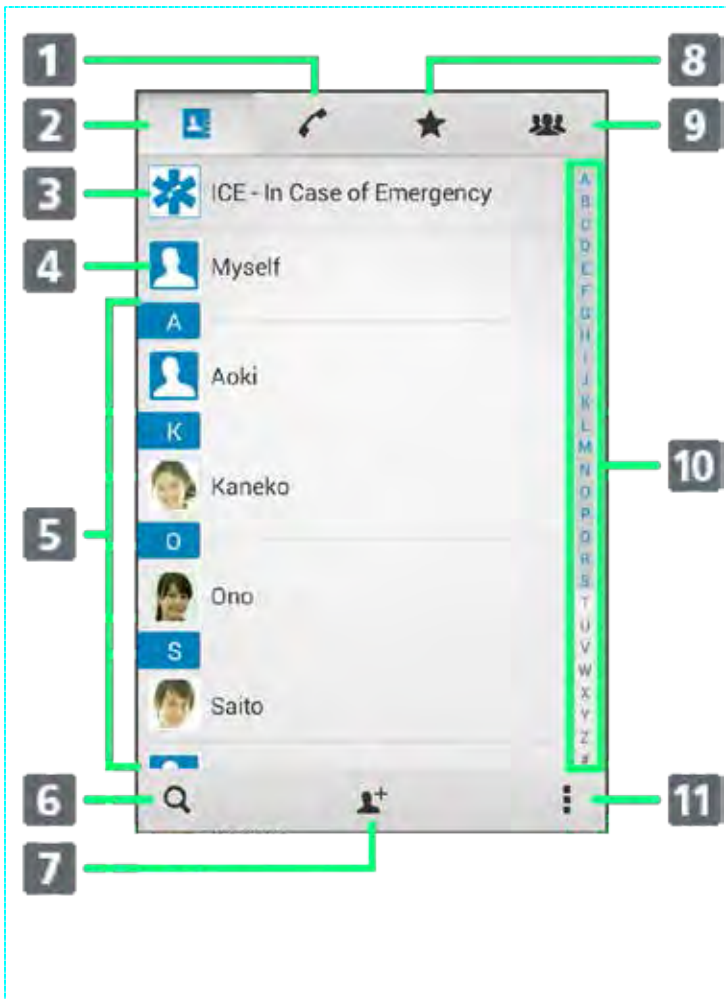
2

Tap contact to check



 Contact details appear.

## Contacts Screen Layout

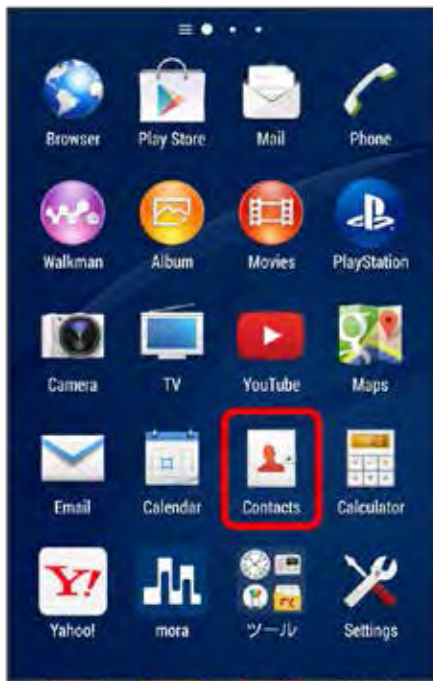


Item	Description
<b>1</b> Call tab	Call window opens.
<b>2</b> Contacts tab	Show contacts list.
<b>3</b> ICE	Save medical information or relatives' contacts in case of emergencies.
<b>4</b> Myself	View or edit your contact.
<b>5</b> Contact	Tap to show contact details.
<b>6</b> Search	Search contacts.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

## Editing Contacts


1

In Home Screen,    (Contacts)



 Contacts appear.

## 2

Tap target contact  





3

Edit items → Done

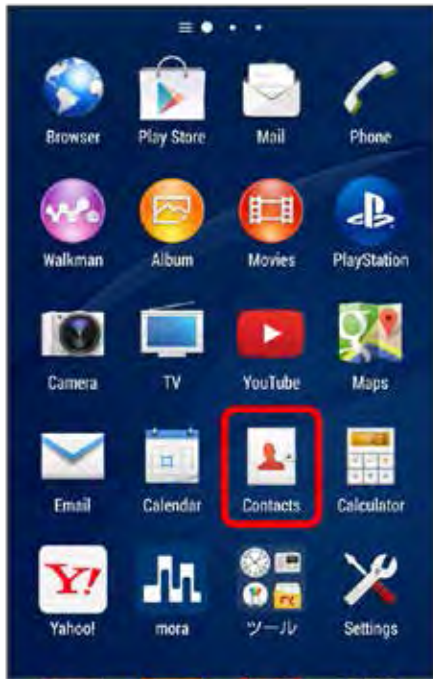


👉 Contact changes are complete.

## Deleting Contacts

1

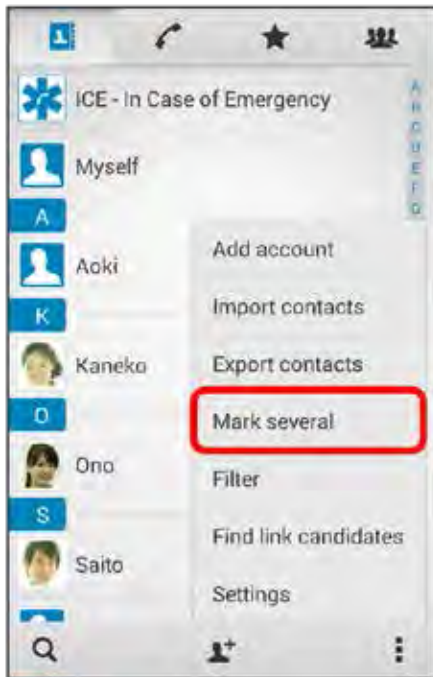
In Home Screen, 🏠 → 👤 (Contacts)




 Contacts appear.

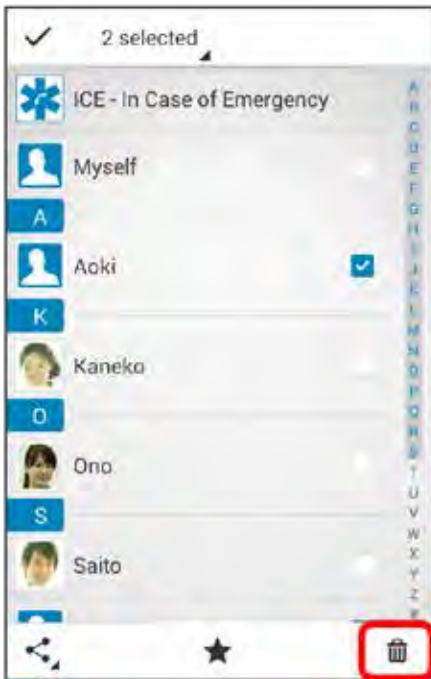
2

  Mark several



3


Tap target contact ➔ 



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

4

**Delete**

 Contacts are deleted.

# Importing Contacts

---

[🏠 Importing Contacts from SD Card](#)

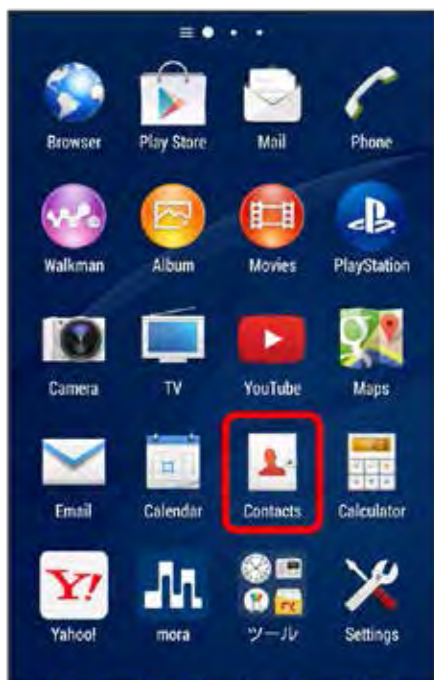
---

## Importing Contacts from SD Card

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

1

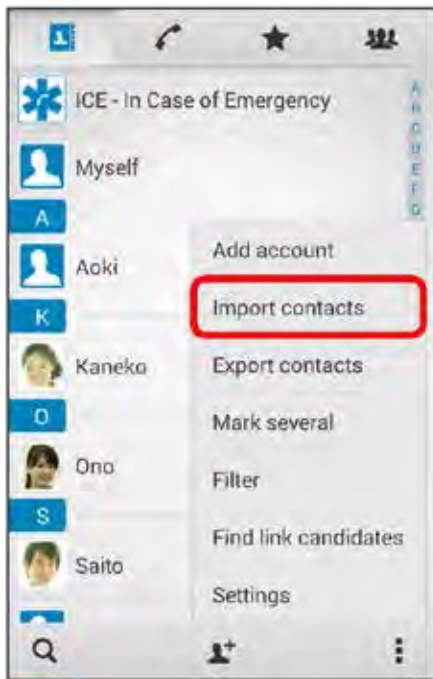
In Home Screen,    (Contacts)



 Contacts appear.

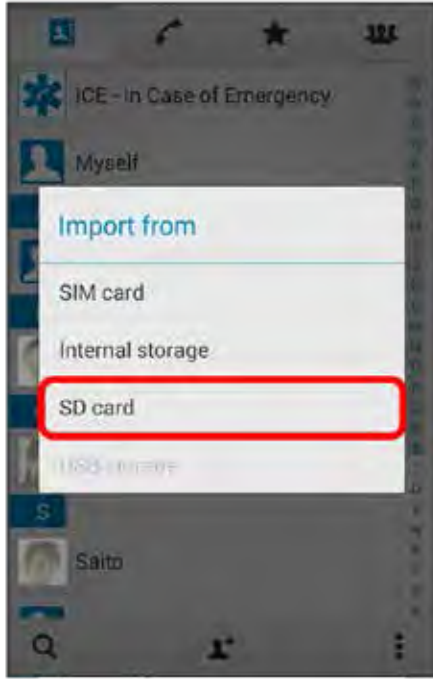
2

  Import contacts




3

### SD card



4

Follow onscreen instructions

 Contacts are imported.

# Backing Up Contacts

---

[⌕ Backing Up Contacts to SD Card](#)

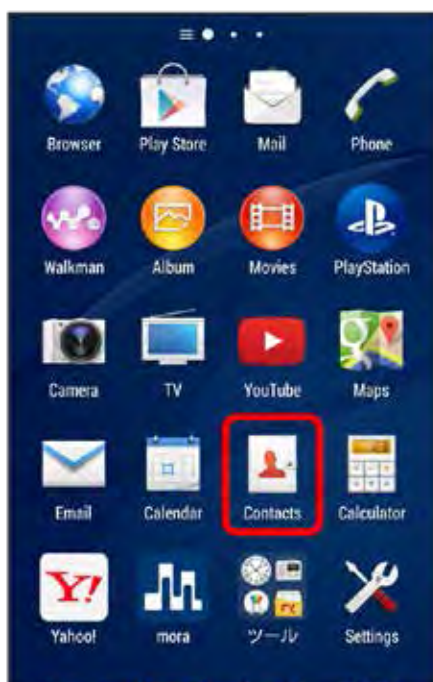
---

## Backing Up Contacts to SD Card

Back up (save) contacts to SD Card.

1

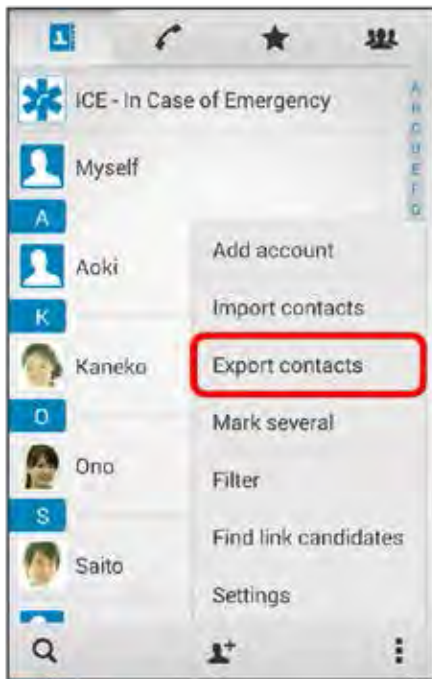
In Home Screen,    (Contacts)



 Contacts appear.

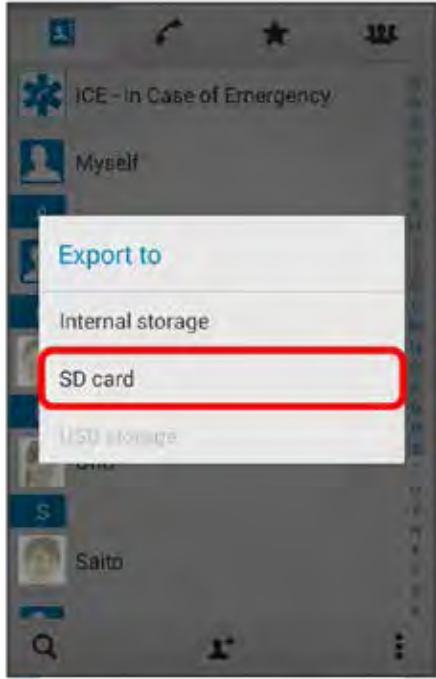
2

  Export contacts



3

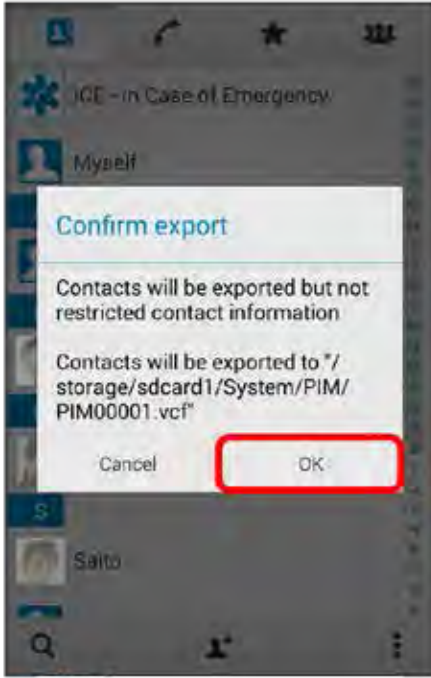
SD card



4



OK



Contacts are saved to SD Card.

# Messaging

---

ê S! Mail

ê SMS

ê Gmail

ê 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 140 single-byte characters) using handset numbers as addresses.

## Gmail

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

## Email

Use email (POP3/IMAP4) on handset.

n Set up an email account beforehand.

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


# S! Mail Initial Setup

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[⌕ Setting Up S! Mail Initially](#)

---

## Setting Up S! Mail Initially

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

1

---

In Home Screen,  (Mail)



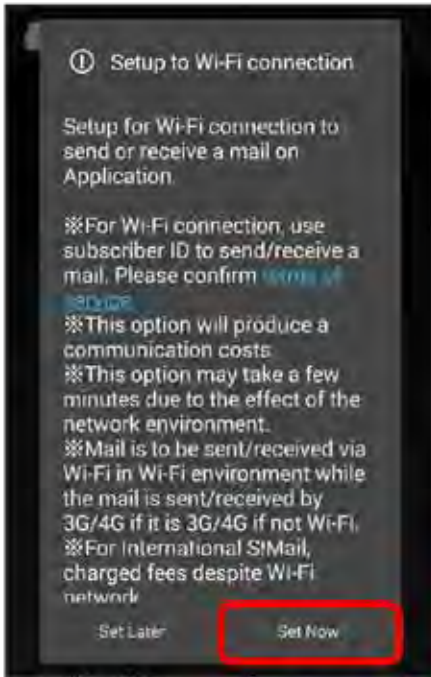
 Setup to Wi-Fi connection window opens.

n If confirmation appears, follow onscreen prompts.

2

---

## Set Now



Wi-Fi connection setup is complete and folder list opens.

n To perform setup later, Tap **Set Later**.

## + Completing Wi-Fi Connection Setup for S! Mail via Menu Items

If you Tap **Set Later** at initial startup, complete setup to send/receive S! Mail using Wi-Fi as follows.

In folder list,   **Send/Receive Settings**  **Wi-Fi Connection**

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

### International S! Mail Transmission Fees

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

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

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

# Folder List/Thread List

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View mail in folder list or thread list.

Folder list view is described here. Operation for thread list may be different.

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[ê Switching between Folder List and Thread List](#)

---

[ê Folder List](#)

---

[ê Thread List](#)

---

## Switching between Folder List and Thread List

1

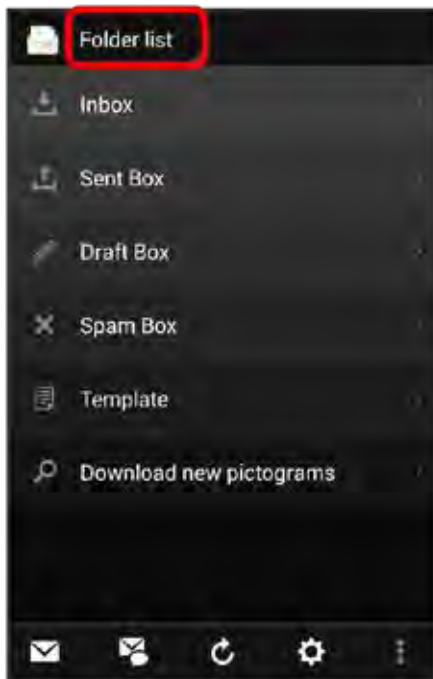
---

In Home Screen,  (Mail)



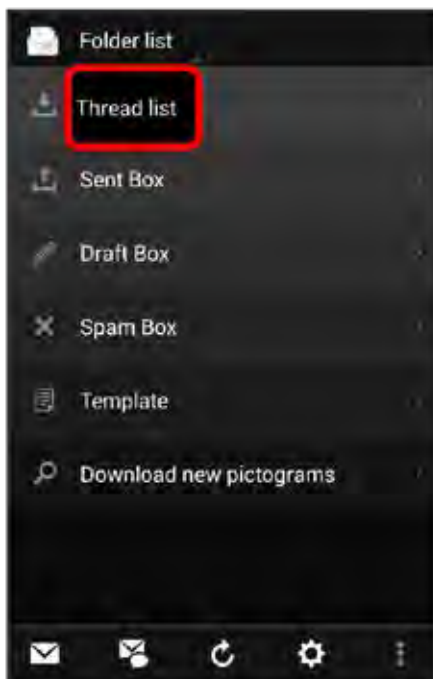
2

Tap name of the current list view



3

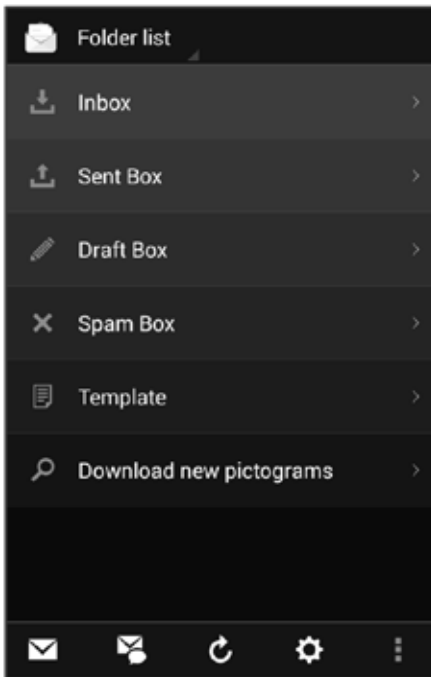
Tap name of the list view to change to



 The list view switches.

## Folder List

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



## Thread List

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

A screenshot of a message thread in an email application. The thread list on the left shows 'Yamamoto', 'Kaneko', and 'Aoki'. The main view shows a conversation with 'Yamamoto' dated '12/20 12:13'. The message content includes 'Farewell party for next week', 'Hello!', 'We set the time and place of the farewell party for next week.', and 'Please contact me if you will be late.' Below this is a response: 'OK!', 'I'm looking forward to the party'. The response is in a blue bubble. At the bottom, there is a text entry field and a 'Send' button. Numbered callouts (1-4) point to: 1. The thread list, 2. The text entry field, 3. The message content, and 4. The 'Send' button.

<b>Thread with mailing contact</b> <b>Message text entry field</b> <b>Exchanged message content</b> <b>Send S! Mail/SMS</b>

# Sending S! Mail/SMS

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ê [Sending S! Mail](#)


---

ê [Sending SMS](#)

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## About Drafts

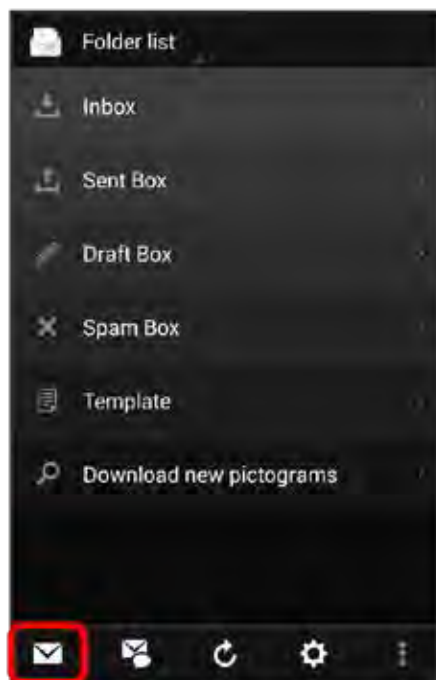
When  is Tapped while creating S! Mail or SMS, confirmation appears asking whether to save the message as a draft. Follow onscreen prompts.

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

## Sending S! Mail

1

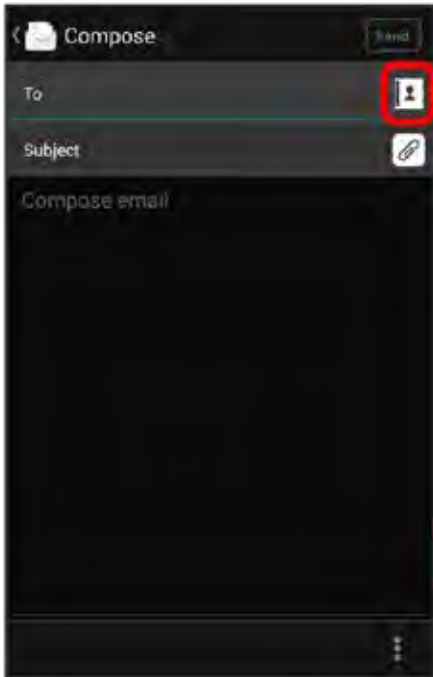
In Home Screen,  (Mail)  





## 2

---



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

## 3

---

Phonebook/Outgoing History/Incoming History/Mail Group



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

## 4

Select recipients → **OK**

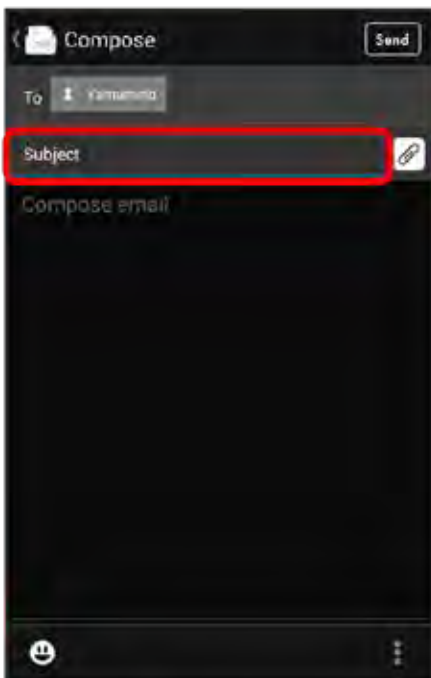


- n Tap **Phonebook/Outgoing History/Incoming History/Mail Group** to change recipient lists.
- n After setting recipients, Tap **[person icon] [three circles icon]** to check recipients' phone numbers/email addresses or set them to Cc/Bcc.
- n To delete a recipient, Tap **[person icon] [three circles icon]** and then **[X icon]**. Alternatively, Tap **[person icon] [three circles icon]** and then **Delete recipient**.

## 5

---

Tap Subject field → Enter subject

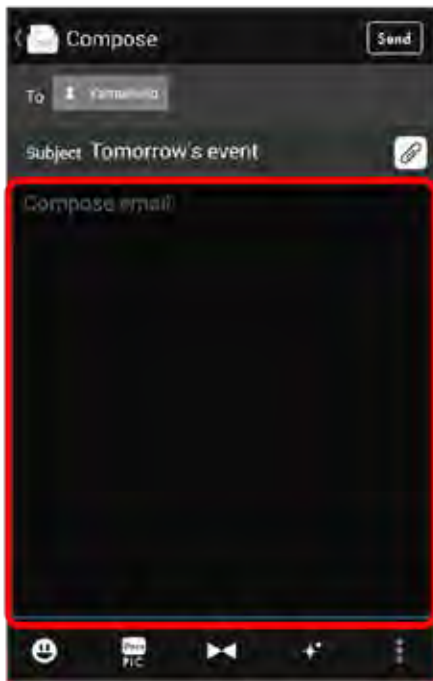


- n Tap **[paperclip icon]** to attach a file. See "[Attaching Files](#)" for details.

## 6

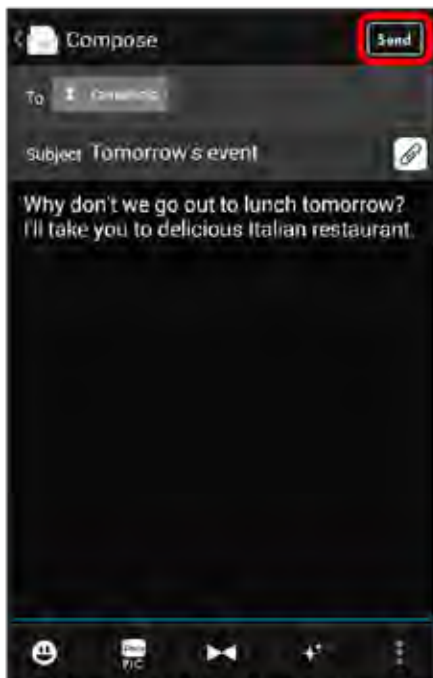
---

Tap Compose email field → Enter text



7

## Send






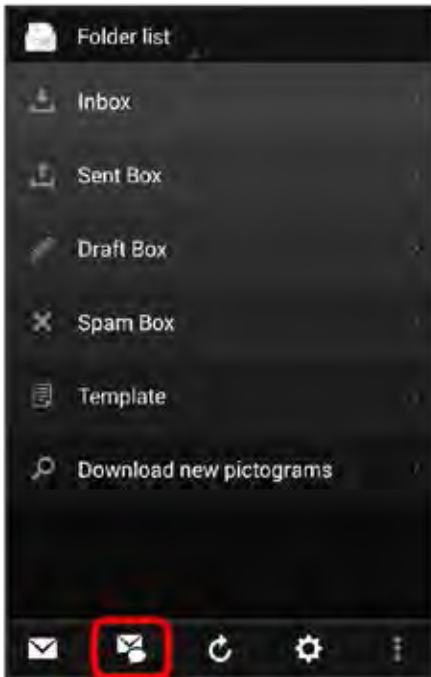
📧 S! Mail is sent.

- n If confirmation appears, Tap **Send**.
- n Failed S! Mail messages are saved as drafts.

# Sending SMS

1

In Home Screen,  (Mail)  



2





n Alternatively, enter phone number in Recipient field directly.

### 3






#### Tap recipient



n Tap **Phonebook**, **Outgoing History**, or **Incoming History** to select recipient from Address Book,

Outgoing History, or Incoming History.

n After setting recipient, Tap   to check recipient's phone number.

n To delete a recipient, Tap   and then . Alternatively, Tap   and then **Delete recipient**.

## 4

---

Tap Compose SMS field  Enter text



## 5

---

**Send**



🚩 SMS is sent.

- n If confirmation appears, Tap **Send**.
- n Failed SMS messages are saved as drafts.



# Sending Decore Mail by S! Mail

---

ê Using a Template

---

ê Decorating S! Mail

---

## Using a Template

Choose from a variety of designs to decorate mail.

1

In Home Screen,  (Mail)  **Template**  Flick left/right to select template



2

**SELECT**



n If confirmation appears, follow onscreen prompts.

### 3

Enter recipients → Enter subject → Enter text → Send



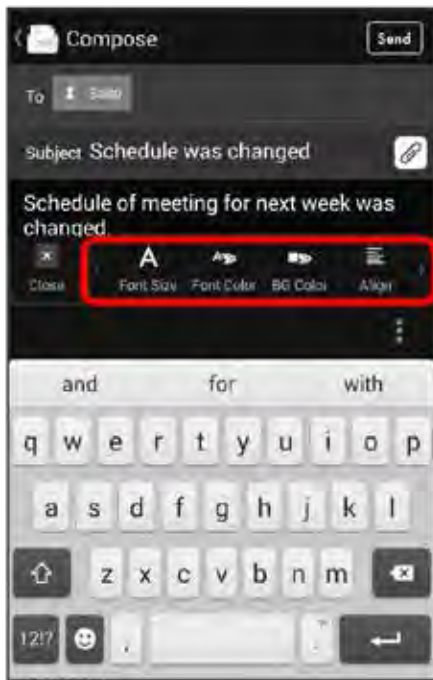
Decorate mail is sent.

n If confirmation appears, Tap **Send**.

## Decorating S! Mail

1

While entering message text, ✨➔ Tap decoration type



🎨 Message is ready to be decorated.

n Flick left/right to view other decoration types.

2

Decorate following onscreen instructions

🎨 Decorate while entering message text.

# Opening & Replying to S! Mail/SMS

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

ê Opening New S! Mail/SMS

ê Retrieving S! Mail/SMS Manually

ê Retrieving Server Mail

ê Replying to S! Mail/SMS

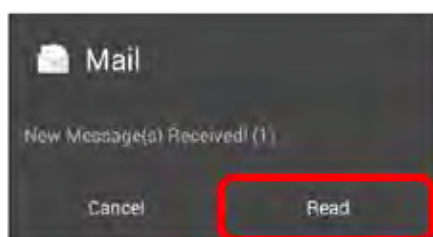
ê Forwarding S! Mail/SMS

## Opening New S! Mail/SMS

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

1

Read





 S! Mail/SMS message window opens.

- n To view new message from Notification Indicator, Drag Status Bar down for Notifications Window, then Tap corresponding notification.
- n For two or more new messages, folder list opens.




### Spam Mail

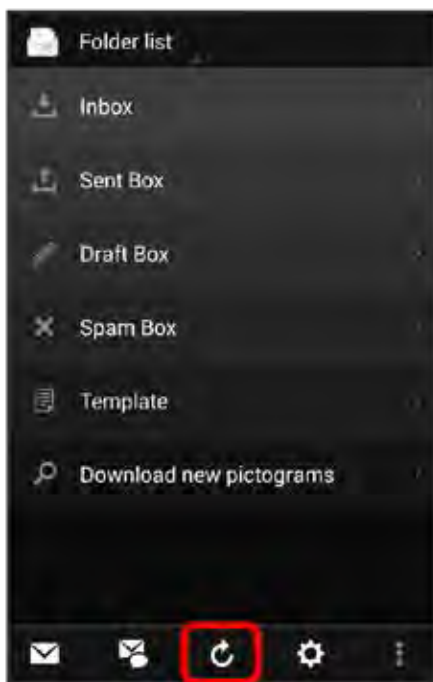
Set spam filtering to save messages from senders not in Address Book to Spam Box. New mail notification does not appear. To check messages saved to Spam Box:


In Home Screen,  (Mail)  **Spam Box**  
n If confirmation appears, follow onscreen prompts.

## Retrieving S! Mail/SMS Manually

1

In Home Screen,  (Mail)  

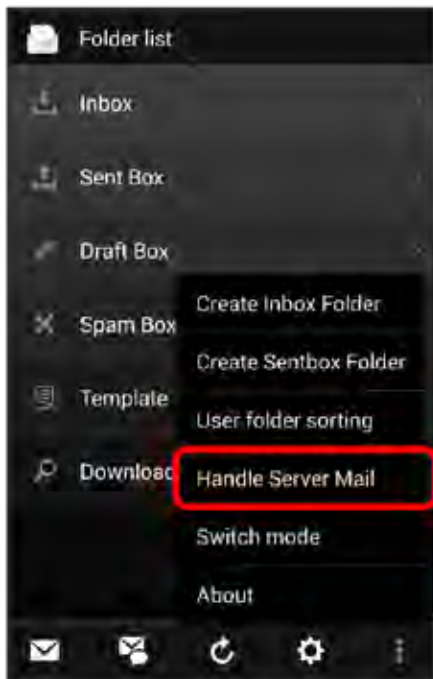


 Mail is received.

## Retrieving Server Mail

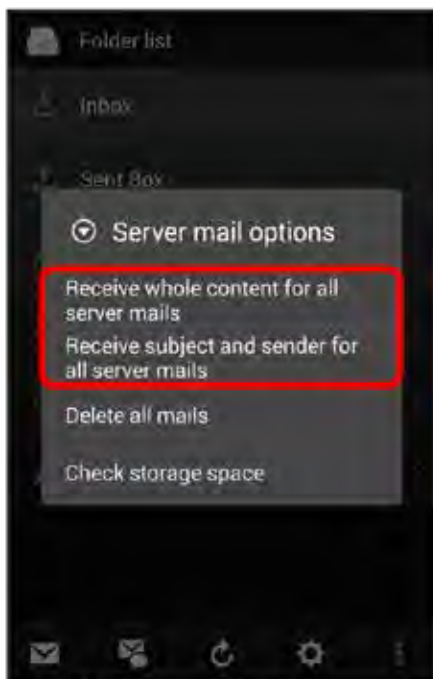
1

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



## 2

Receive whole content for all server mails/Receive subject and sender for all server mails




 Server mail is received.

# Replying to S! Mail/SMS

1

In S! Mail/SMS message window, 



Alternatively, in message list, Flick the message to the right and Tap .

2

Enter text  Send



 Message is sent.

n If confirmation appears, Tap **Send**.


## Forwarding S! Mail/SMS

1

In S! Mail/SMS message window, 






n Alternatively, in message list, Flick the message to the right and Tap .

## 2

Enter recipient(s)  Enter text  **Send**



 Message is forwarded.

n If confirmation appears, Tap **Send**.

# Managing S! Mail/SMS

---


- ê Viewing S! Mail/SMS
- ê Folder List
- ê S! Mail/SMS List
- ê S! Mail/SMS Message Window
- ê Backing Up S! Mail/SMS Data
- ê Restoring S! Mail/SMS Data
- ê Moving S! Mail/SMS Data (Export)
- ê Moving S! Mail/SMS Data (Import)

## Viewing S! Mail/SMS

1

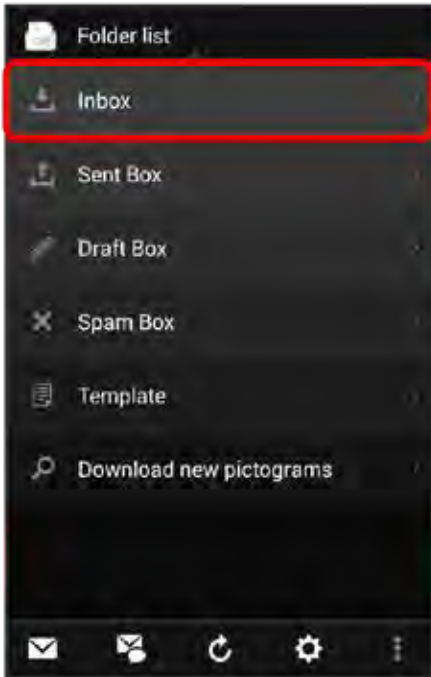
In Home Screen,  (Mail)



 Folder list opens.

2

Tap Inbox/subfolder of **Inbox**



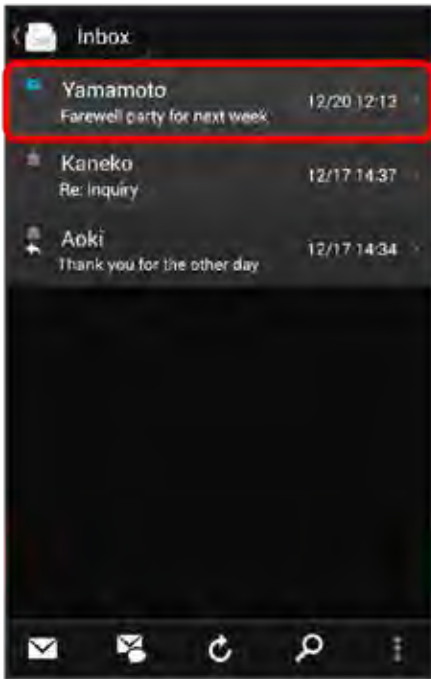
 S! Mail/SMS list opens.

n To view sent messages, Tap **Sent Box**/subfolder of Sent Box to open sent S! Mail/SMS list.

n To view drafts and unsent messages, Tap **Draft Box** to open draft/unsent S! Mail/SMS list.

3

Tap message



 S! Mail/SMS message window opens.

## Widgets

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



## Message Operations

### Finding Decore Mail Art on Webpage

In folder list, **Download new pictograms**





### Deleting All Server Mail

In folder list,   **Handle Server Mail**  **Delete all mails**  **Delete**

### Checking Available Storage on Mail Server







In folder list,   **Handle Server Mail**  **Check storage space**


### Creating Subfolders


In folder list,   Create Inbox Folder/Create Sentbox Folder  Enter folder name   
Create

n To enter emoji pictograms, Tap .

### Setting Subfolder Sorting Criteria

In folder list, Touch & Hold subfolder    Add Rule   
Sender/Domain/Subject/Subject/Mail Group  Enter or select sender, domain, keyword,  
or mail group to sort by  Follow onscreen prompts


n To select a sender/domain from Address Book, Tap .

n To delete sort criteria, Tap .

n Sort criteria cannot be set for the **Inbox/Sent Box**.

### Changing Subfolder Names

In folder list, Touch & Hold subfolder    Enter folder name  Create

n To enter emoji pictograms, Tap .




n The name of the **Inbox/Sent Box** cannot be changed.

### Changing the Sort Order of Subfolders

In folder list, Touch & Hold subfolder    Up/Down to change sort order  Done

n The sort order of the **Inbox/Sent Box** cannot be changed.




### Deleting Subfolders

In folder list, Touch & Hold subfolder    Delete

n If the folder contains messages, a prompt appears for whether to move them to the **Inbox/Sent Box**.

n The **Inbox/Sent Box** cannot be deleted.


### Searching Messages

In S! Mail/SMS list,   Search by Sender/Recipient's Name/Search by Body  
Text/Subject  Enter text to search by  OK  Tap a message to view



### Sorting Messages

In S! Mail/SMS list,   Sort  Tap sort rule

### Designating All Messages as Already Read



In S! Mail/SMS list,   Mark all to read

### Designating Select Messages as Already Read

In S! Mail/SMS list, Touch & Hold message  

n To select several messages, Touch & Hold first message, then Tap  () for other messages.

### Designating Messages as Unread



In S! Mail/SMS list, Touch & Hold message  

n To select several messages, Touch & Hold first message, then Tap  () for other messages.

### Displaying the Previous/Next Message

In S! Mail/SMS message window, Flick left/right.

### Protecting Messages




In S! Mail/SMS message window,   Lock Message


n To cancel protection, Tap Unlock Message

### Saving Attachments

In S! Mail/SMS message window,   Tap  () of attachments to save  Save

### Deleting Messages in S! Mail/SMS List

In S! Mail/SMS list, Touch & Hold message    Delete




n Alternatively, Flick the message to the left, then Tap  and Delete

n To select several messages, Touch & Hold first message, then Tap  () for other messages.

### Deleting Message in S! Mail/SMS Message Window

In S! Mail/SMS message window,   Delete

### Moving Messages in S! Mail/SMS List




In S! Mail/SMS list, Touch & Hold message    Tap folder to move to

n To select several messages, Touch & Hold first message, then Tap  () for other messages.

### Moving Message in S! Mail/SMS Message Window




In S! Mail/SMS message window,   Move to subfolder  Tap folder to move to

### Reporting Spam in S! Mail/SMS List



In S! Mail/SMS list, Touch & Hold message    Yes

n Only one message can be selected.

### Reporting Spam in S! Mail/SMS Message Window


In S! Mail/SMS message window,   Declare Spam  Yes

### Listing Addresses of Sender/Recipients in S! Mail/SMS List

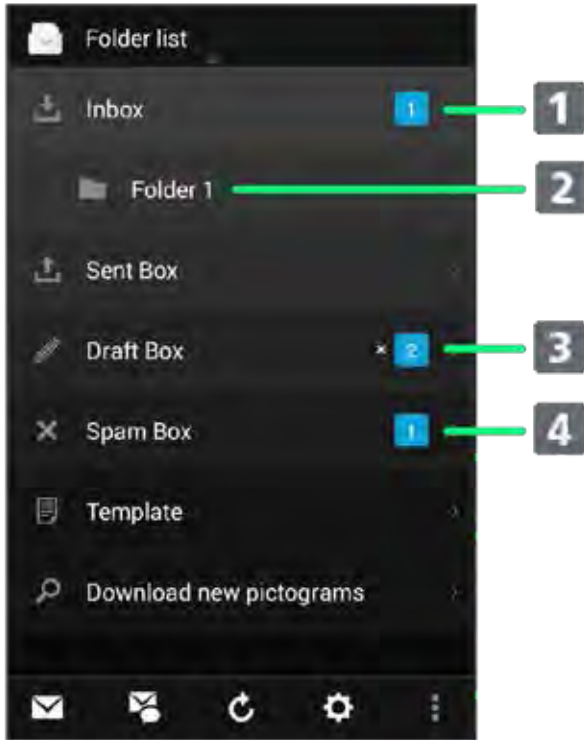
In S! Mail/SMS list, Touch & Hold message  

n Only one message can be selected.

### Listing Addresses of Sender/Recipients in S! Mail/SMS Message Window

In S! Mail/SMS message window, 

## Folder List



Number of unread messages

Subfolder

Number of draft/unsent messages

Number of spam messages

**Indicator**

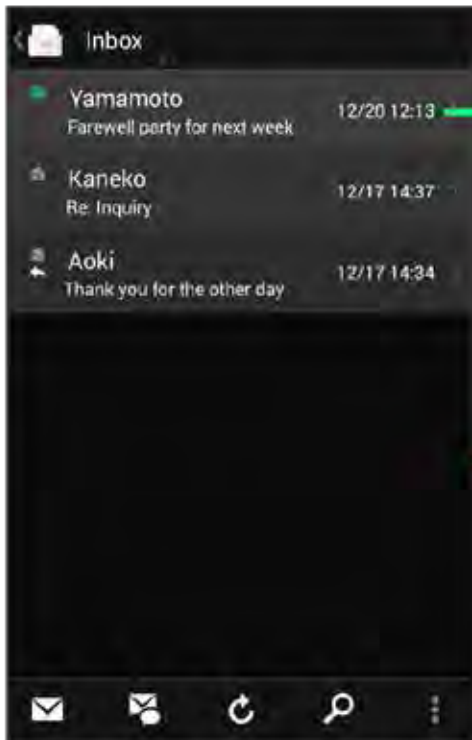
**Description**

x















Send failure.



# S! Mail/SMS List






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

Indicator	Description
	Attachment
	Replied
	Forwarded
	Sent
	Delivery Report
	High Priority
	Low Priority
	Protected
	Sending
	Delayed Sending
	Scheduled Sending
	Send Failure
	Scheduled Auto Resend
	Draft

## S! Mail/SMS Message Window



**Sender/recipients/subject/date & time sent, received, saved, etc.**  
**Message text**




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

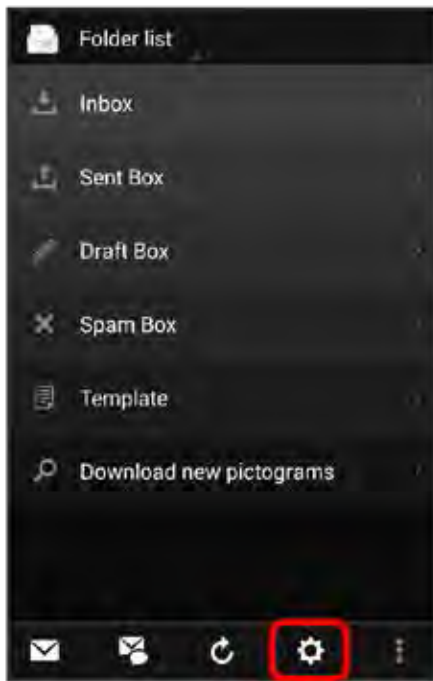
## Backing Up S! Mail/SMS Data

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

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

**1**

In Home Screen,  (Mail)  



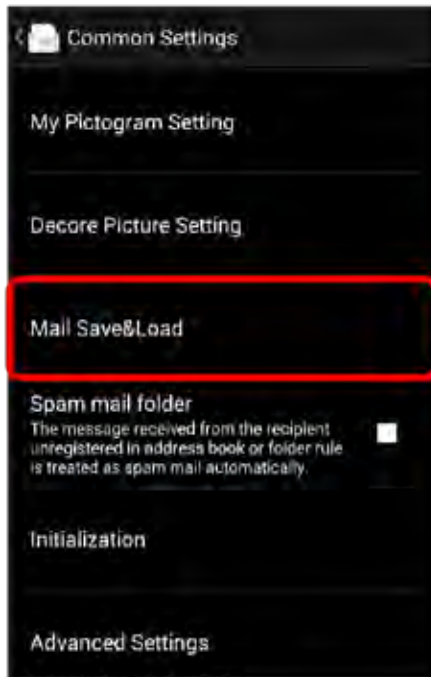
2

### Common Settings



3

## Mail Save&Load



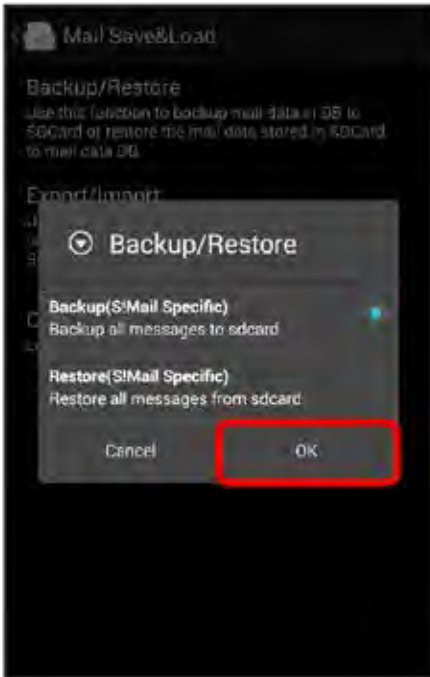
4

## Backup/Restore



5

Backup(S!Mail Specific) → OK



6

OK → Airplane mode (✓) → ↻




Backup starts.

7

OK → Airplane mode ( ) → ↶






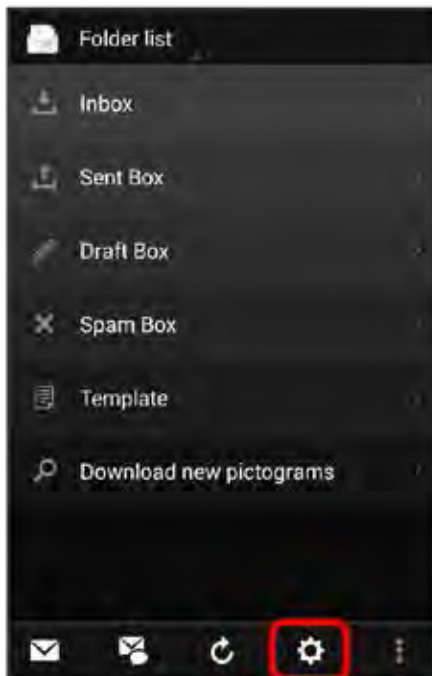
 Backup is complete.

## Restoring S! Mail/SMS Data

Restore message data backed up to SD Card or other media to handset.  
n Data is restored from the user memory.

1

In Home Screen,  (Mail)  



2

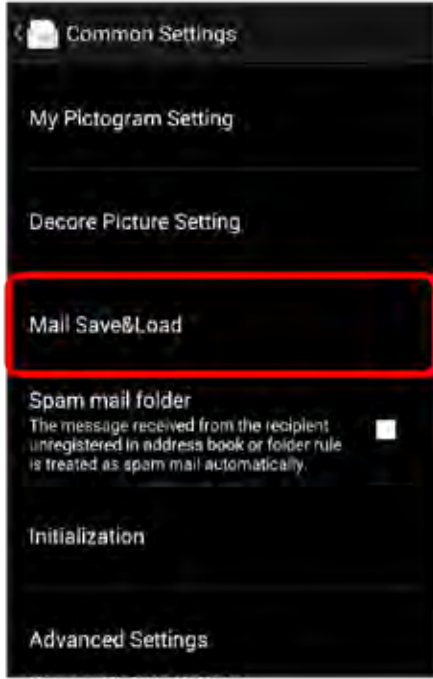
Common Settings



3

---

Mail Save&Load



4

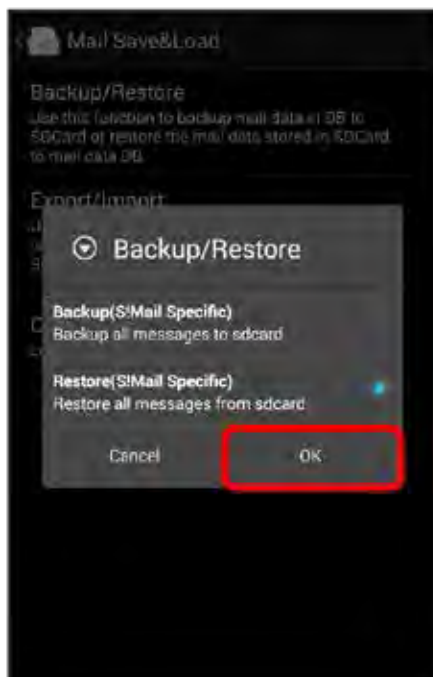


## Backup/Restore



5

Restore(S!Mail Specific) → OK



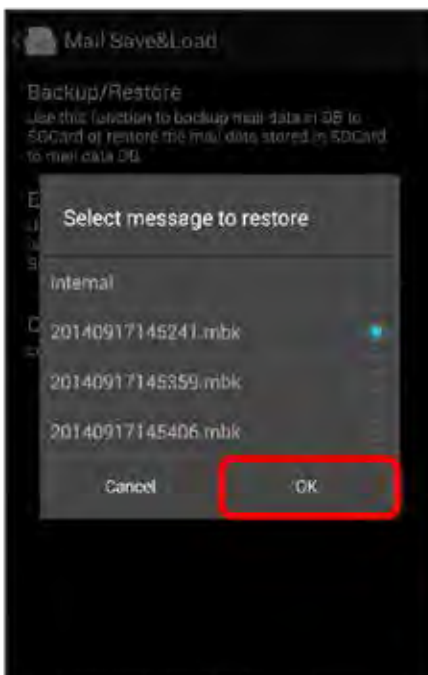
6

OK → Airplane mode (✓) → ↶



7

Tap files to restore → OK




 Restore starts.

8

OK  Airplane mode (  )  



 Restore is complete.

## Moving S! Mail/SMS Data (Export)




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

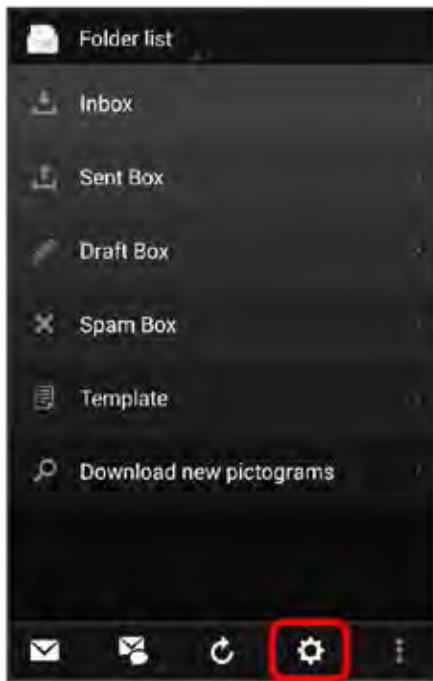
n Export either received message data, sent message data, drafts, or unsent message data saved on handset all together. Data for all messages must be saved together at the same time.

n Data is exported to the user memory.

n Install the Anshin Backup app beforehand.

1

In Home Screen,  (Mail)  



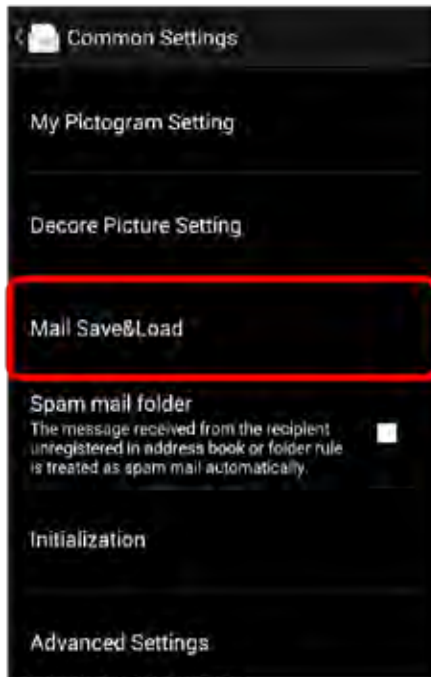
2

### Common Settings



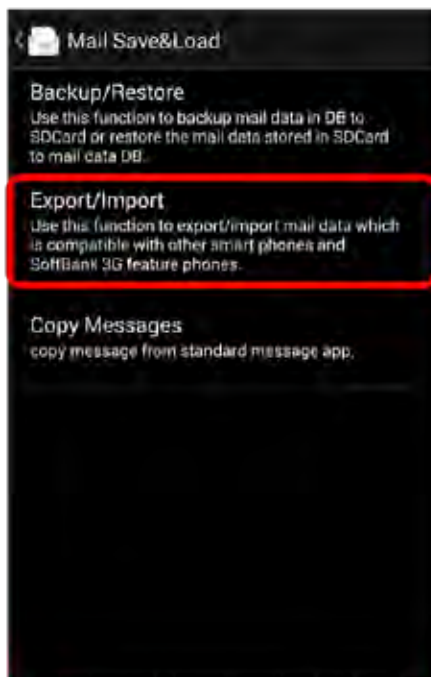
3

## Mail Save&Load



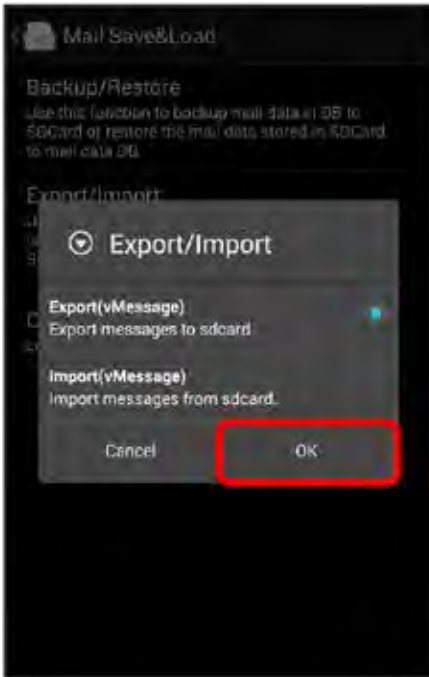
4

## Export/Import



5

Export(vMessage) → OK



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

6


Tap message category → 実行



 Export starts.

7

OK

 Export is complete.

## Exporting Message Data

### Where Message Data is Exported

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

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

### Filename of Exported Data

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




# Moving S! Mail/SMS Data (Import)

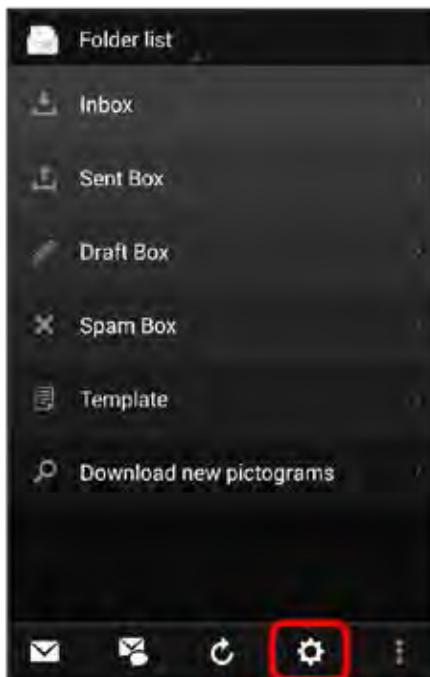
Import message data exported to SD Card or other media in vMessage format to handset.

n To import data from a previously used mobile phone, etc., first save the data you want to import to SD Card or other media.

n Data is imported from the user memory.

1

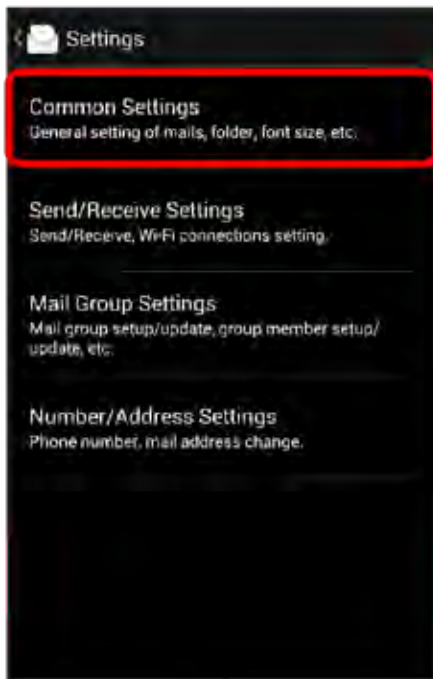
In Home Screen,  (Mail)  



2

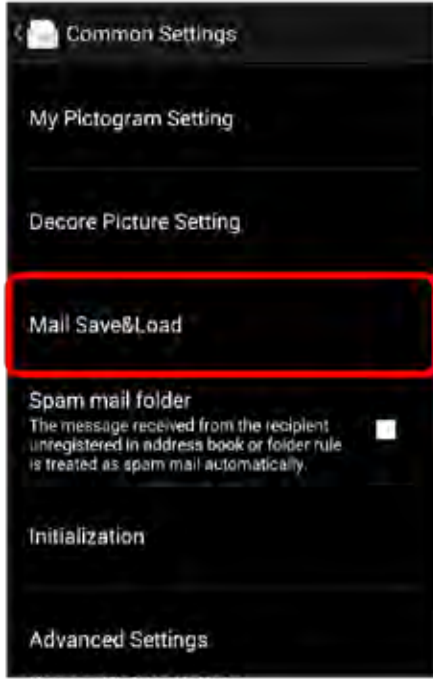
Common Settings





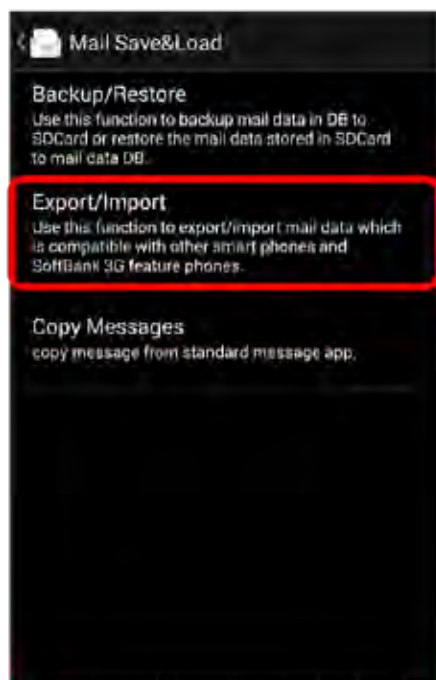
3

Mail Save&Load



4

## Export/Import



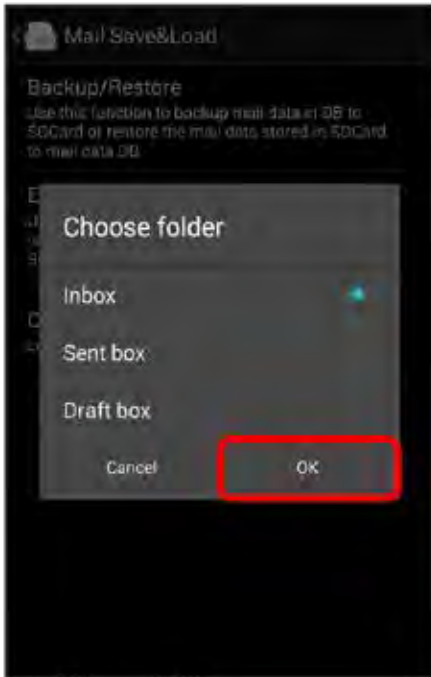
5

## Import(vMessage) → OK



6

Tap message category → OK



7

OK → Airplane mode (✓) → ↻



8

Tap files to import → OK



 Import starts.

OK → Airplane mode ( ) → ↻



Import is complete.

## Importing Message Data

### Where Message Data is Imported

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

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

### Importing Message Data with Security Set

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

### Unimportable Message Data

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

# Operations When Creating S! Mail/SMS

---

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

---

ê Switching to S! Mail

---

ê Switching to SMS

---

ê Attaching Files

---

ê Specify Date/Time to Send

---

ê Entering Emoji Pictograms

---

ê Previewing before Sending

---

ê Setting Priority Levels

---

ê Requesting Delivery Reports

---

ê Discarding Message Drafts

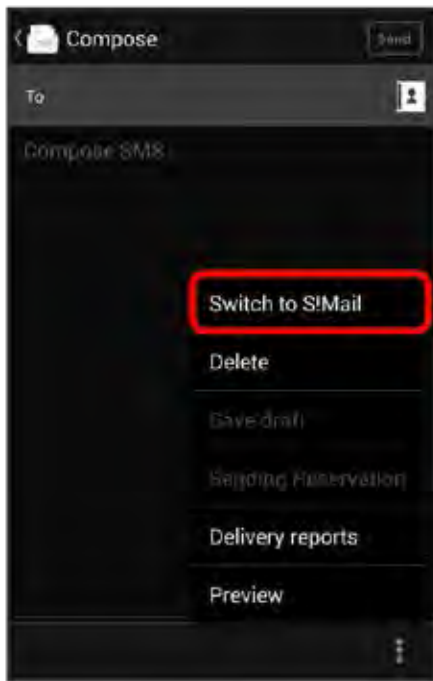
---

## Switching to S! Mail

1

---

While creating SMS,   Switch to S!Mail





2

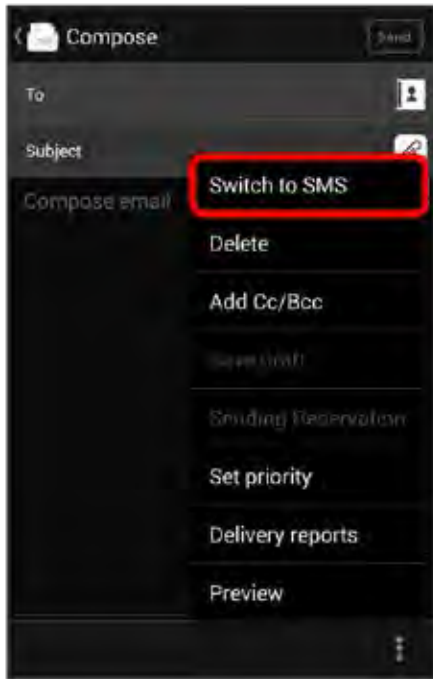
OK

 Handset switches to S! Mail.

## Switching to SMS

1

While creating S! Mail,   **Switch to SMS**



2

OK

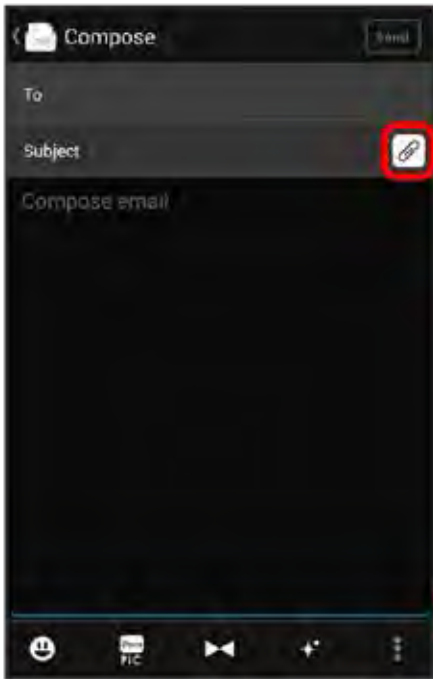
 Handset switches to SMS.

## Attaching Files

1

While creating S! Mail, 





2

Tap file category → Follow onscreen prompts

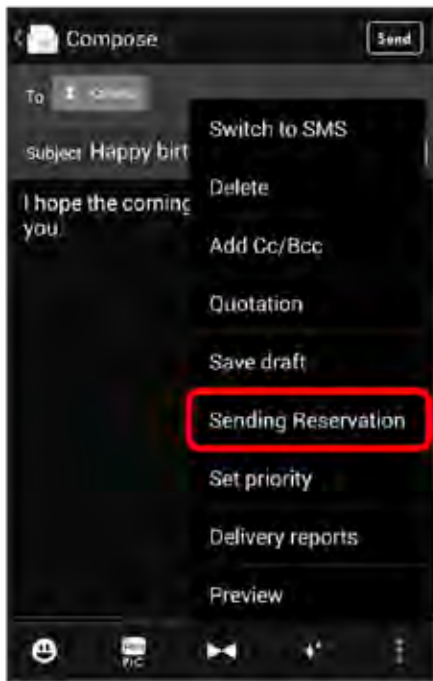
📎 File is attached.

## Specify Date/Time to Send

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

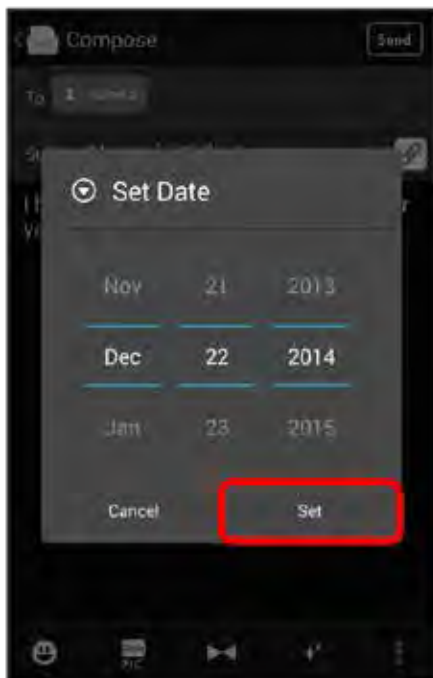
1

After entering recipients/subject/message text, ☰ → **Sending Reservation**



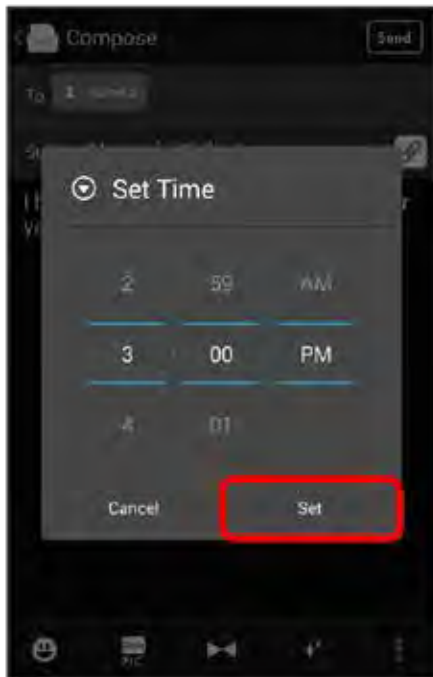
2

Specify date to send on → Set



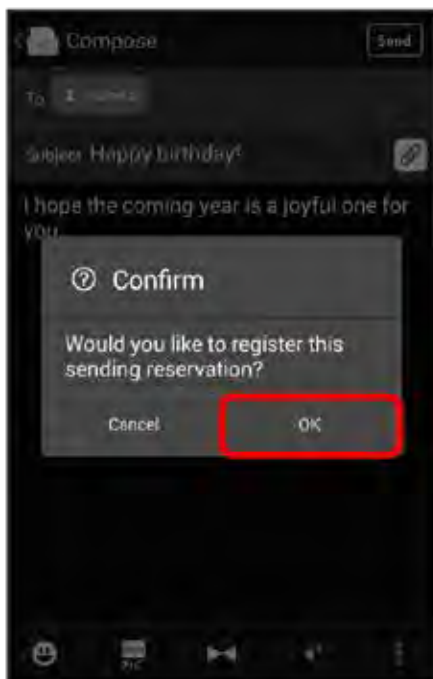
3

Specify time to send at → Set



4

OK



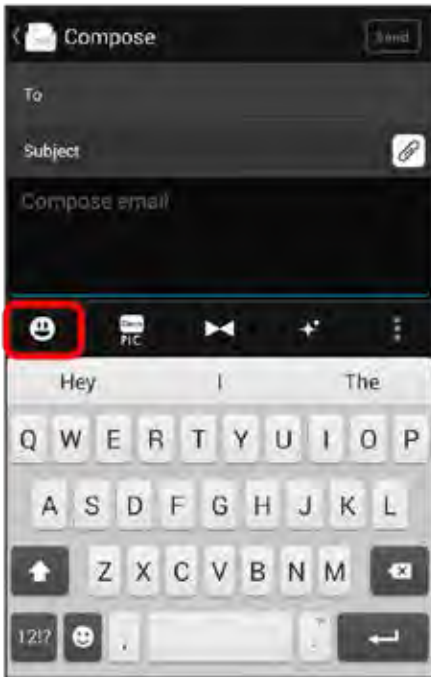
Message is saved to drafts folder, and automatically sent at the specified time on the specified date.

# Entering Emoji Pictograms

1

---

While entering subject/message text, 🤪




2


---

Tap emoji



 Emoji is entered.


n Tap **My PIC** while entering message text to select My pictograms.

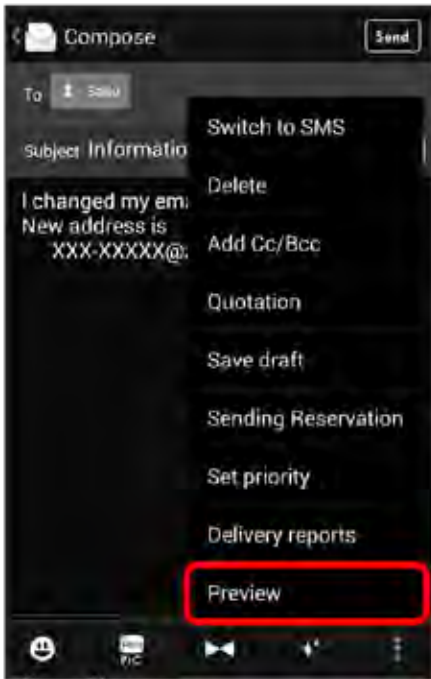
n Tap  on the My pictogram tab to select My pictograms saved to SD Card/handset memory.

## Previewing before Sending

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

1

While creating S! Mail/SMS,   **Preview**



 Preview opens.

## Setting Priority Levels

1

While creating S! Mail,   Set priority



2

Tap priority level → OK

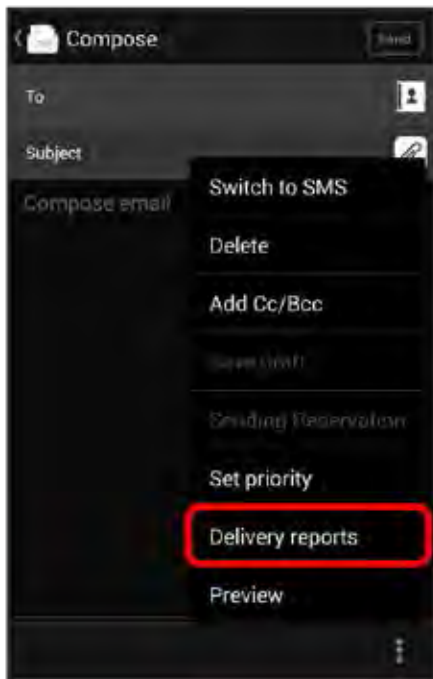


Priority level is set.

## Requesting Delivery Reports

1

While creating S! Mail/SMS, ☰ → Delivery reports



2

Request a delivery report for this message you send (✓) → OK

☑ Requesting of delivery reports is set.

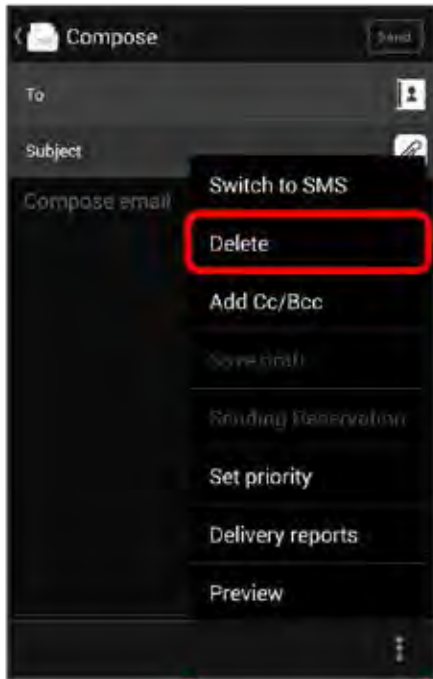
## Discarding Message Drafts

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

1

While creating S! Mail/SMS, ☰ → Delete





2

---

## Delete

 Mail draft is discarded.

# S! Mail/SMS Settings

Make settings for S! Mail/SMS.

[Common Settings](#)

[Send/Receive Settings](#)

[Mail Group Settings](#)




[Number/Address Settings](#)

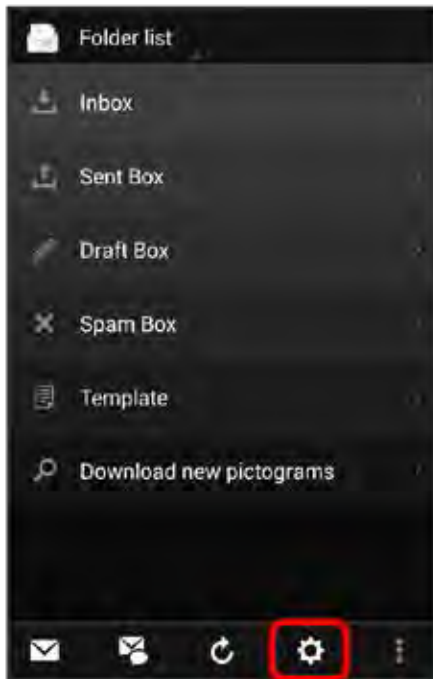
## Common Settings

Settable items are the following.

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

1


In Home Screen,  (Mail)  



2

Common Settings  Set each item



 Setting is complete.




## Send/Receive Settings

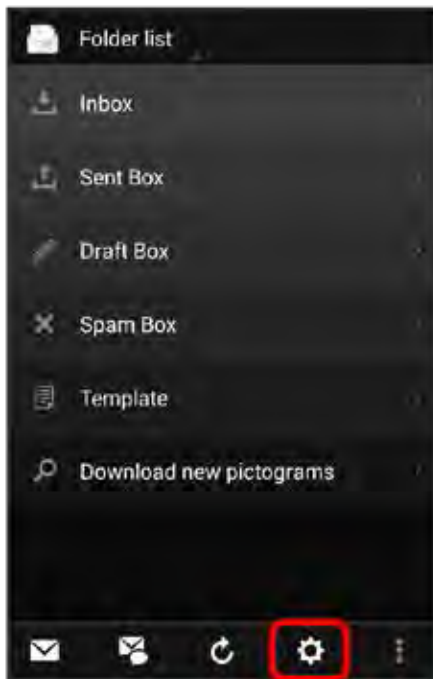
Settable items are the following.

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

1

---


In Home Screen,  (Mail)  



2




Send/Receive Settings → Set each item

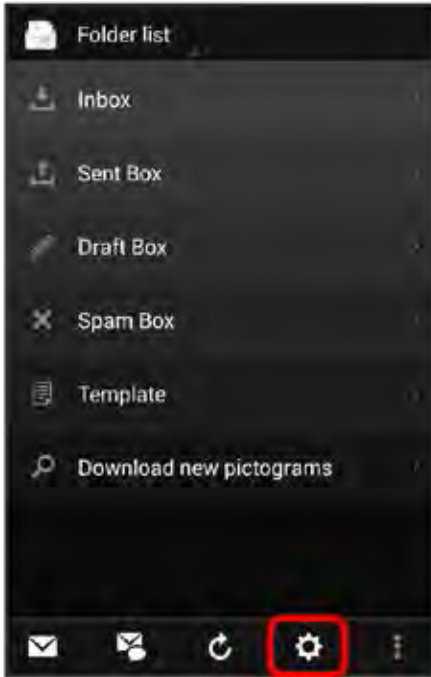


 Setting is complete.

# Mail Group Settings

1

In Home Screen,  (Mail)  



2



Mail Group Settings






 Mail Group Settings open.

## Mail Group Setting Operations




### Adding a Mail Group

In Mail Group Settings, Tap **Add Mail Group**  Enter group name  **OK**  
 n To enter emoji pictograms, Tap .

### Adding Members to a Group

In Mail Group Settings, Tap group  **Add Group Member**  **Phonebook/Outgoing History/Incoming History/Direct Input**  Select/enter contact to add  **OK**

### Editing a Group Name

In Mail Group Settings, Touch & Hold group  **Edit group name**  **OK**  
 n To enter emoji pictograms, Tap .

### Deleting a Group

In Mail Group Settings, Tap  next to group  **Delete**

### Deleting Members

In Mail Group Settings, Tap group  Tap  next to member  **Delete**




## Number/Address Settings

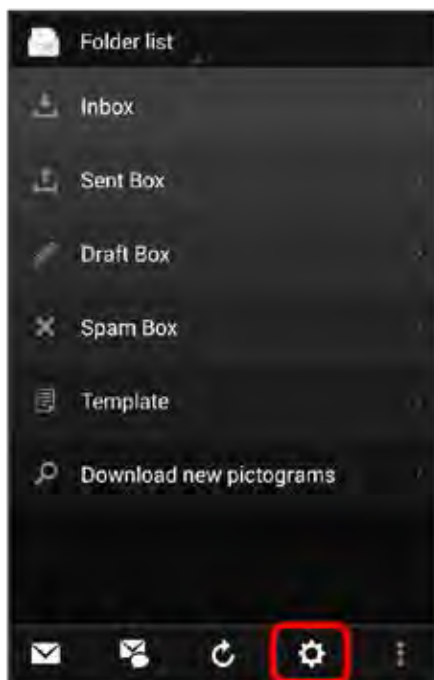
Settable and viewable items are the following.

Item	Description
------	-------------

<b>Phone Number</b>	View phone number.
<b>Mail Address</b>	View mail address.
<b>Change Mail Address</b>	Navigate to My SoftBank to change mail address, etc.

1

In Home Screen,  (Mail)  




2

Number/Address Settings  Set each item





 Settings are applied.

# Creating/Sending Gmail

---

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

---

🏠 [Creating/Sending Mail](#)

---

## ! Gmail Cautions

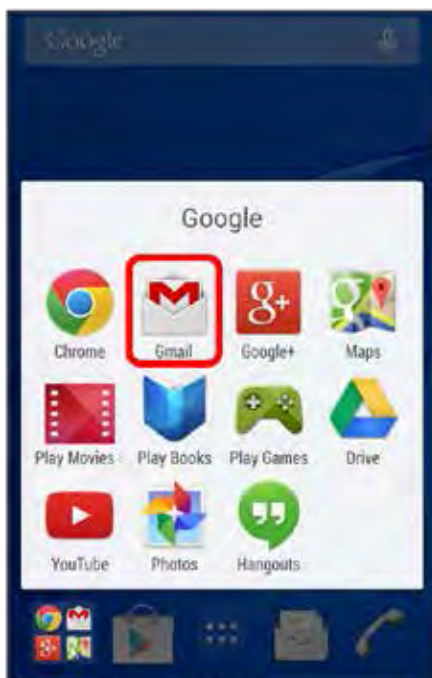
Gmail is handled as email from a PC. Restricting email from PCs on handset prevents handset from receiving Gmail.


## Creating/Sending Mail

1

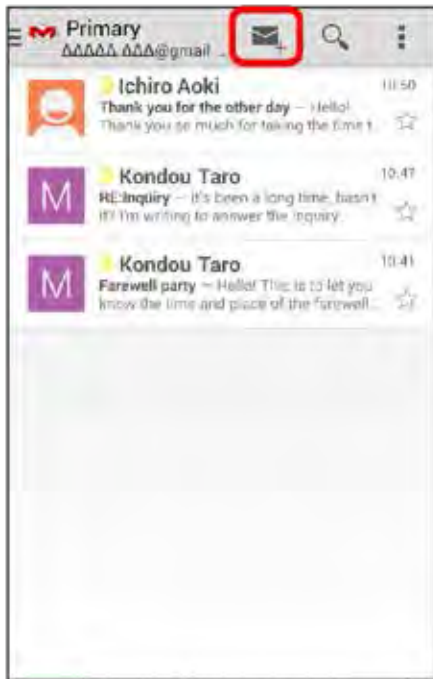
---

In Home Screen,  (Google)   (Gmail)



 Inbox opens.

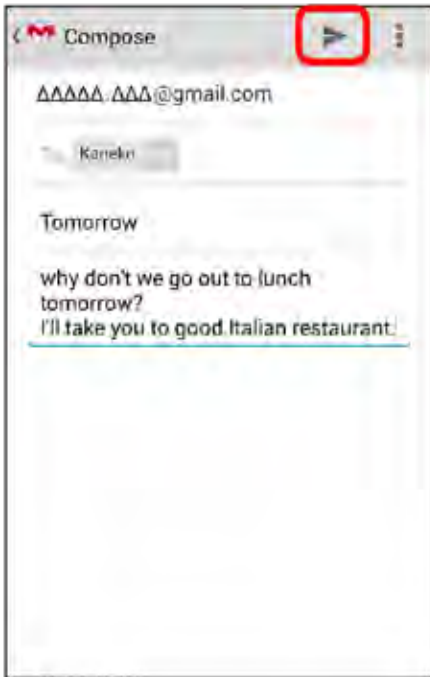
2




 Mail composition window opens.

3

Enter recipient/subject/mail text  







 Mail is sent.

## Operations when Composing Gmail


### Adding Cc/Bcc


In mail composition window,   Add Cc/Bcc  Add recipient

### Attaching Still Images/Videos




In mail composition window,   Attach file  Select application  Select file to attach

### Saving as a Draft (Send Later)

While composing mail,   Save draft

 Mail is saved as a draft for later.

### Deleting Mail Being Composed

In mail composition window,   Discard  Discard

# Checking Received Gmail

---

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

---

ê Opening New Gmail

---

ê Opening Gmail

---

## Opening New Gmail

When new Gmail arrives,  appears in Status Bar.

1

---

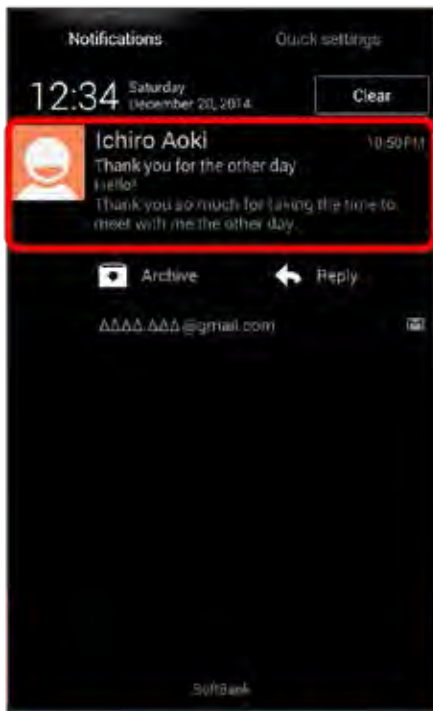
Drag Status Bar down




2

---

Tap new Gmail



 The new received Gmail opens.


n For two or more new Gmail messages, Inbox opens.

## Opening Gmail

1

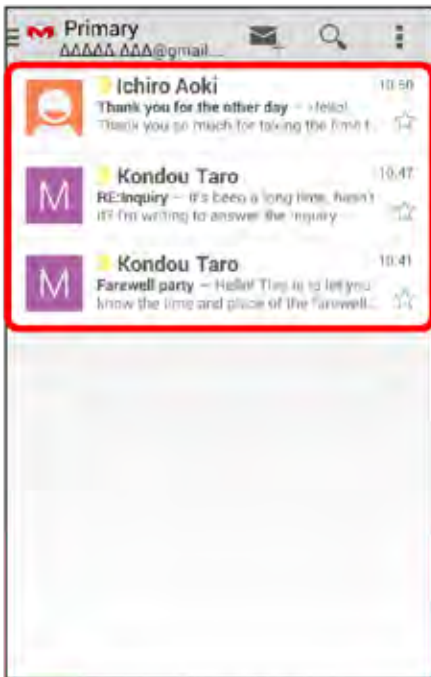
In Home Screen,  (Google)   (Gmail)



 Inbox opens.

2





Tap target thread






 The received mail message opens.

## Operations when Opening Gmail

### Replying to Mail

When received mail message is open,   Compose mail  

### Forwarding Mail

When received mail message is open,   Forward  Compose mail  



# Managing Saved Gmail

---

- ê [Using Labels](#)
- ê [Archiving Threads](#)
- ê [Muting Threads](#)
- ê [Deleting Threads](#)
- ê [Searching Mail](#)
- ê [Reporting Spam](#)
- ê [Switching Google Accounts](#)

## Using Labels


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

1

---

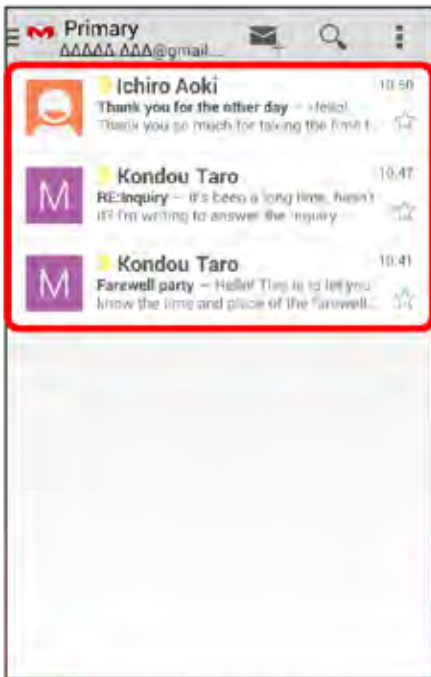
In Home Screen,  (Google)   (Gmail)



 Inbox opens.

2

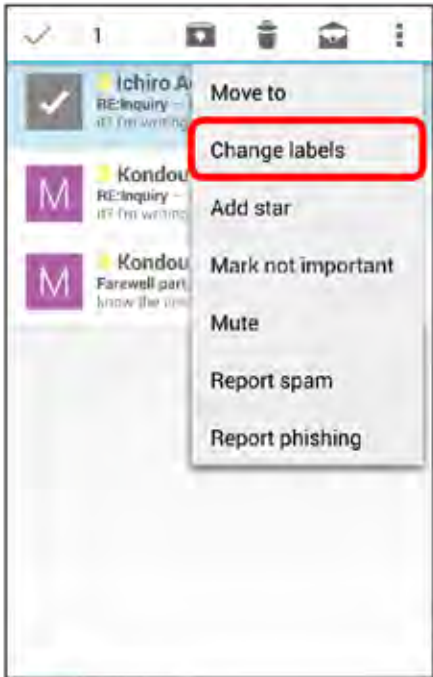
Touch & Hold target thread



n Several threads are also selectable.

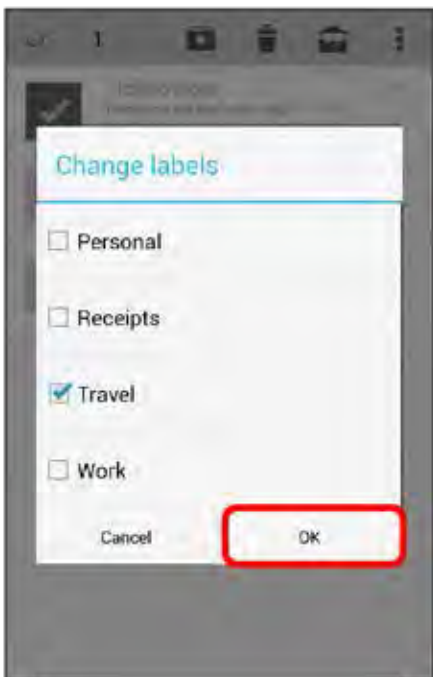
3


☰ → Change labels



4


Select a label () → OK



 Label is added.

## **Switching Labels**

In INBOX, **Primary**  Tap label to switch to

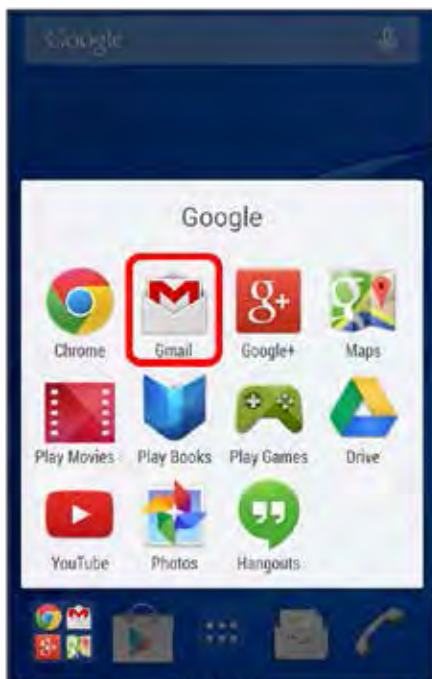
 Selected labeled threads appear.


## Archiving Threads

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

1

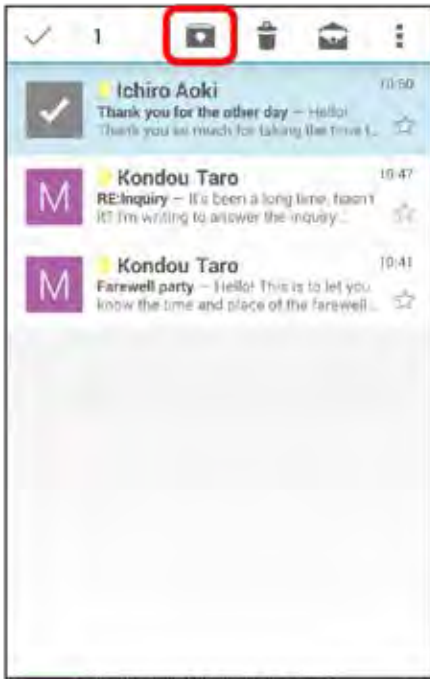
In Home Screen,  (Google)   (Gmail)




 Inbox opens.

2

Touch & Hold target thread  






 Thread is archived.

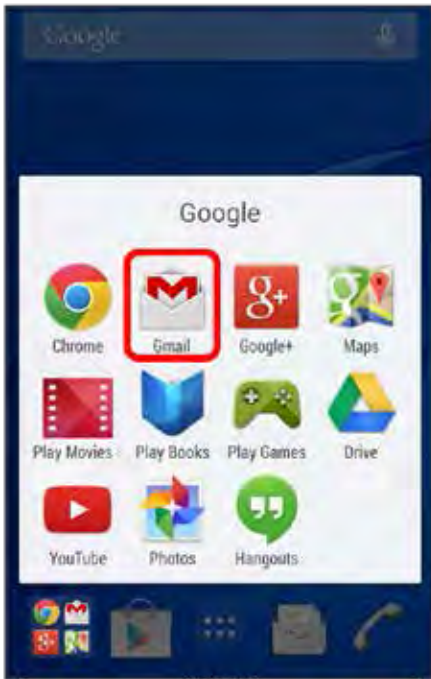
- n Several threads are also selectable.
- n Alternatively, Flick target thread left or right to archive.
- n Tap **UNDO** to undo archive.


## Muting Threads

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

1

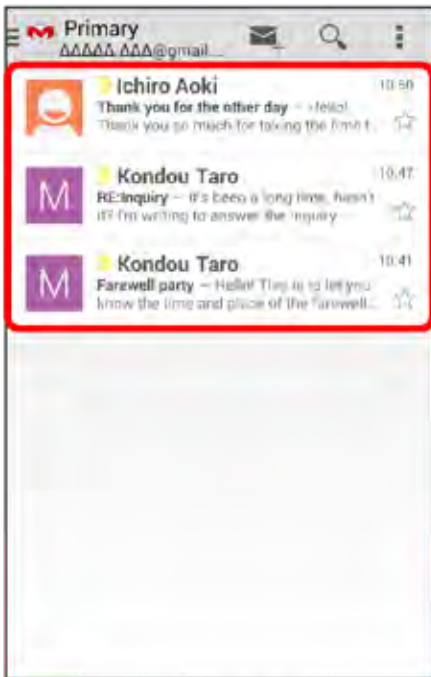
In Home Screen,  (Google)   (Gmail)



 Inbox opens.

2

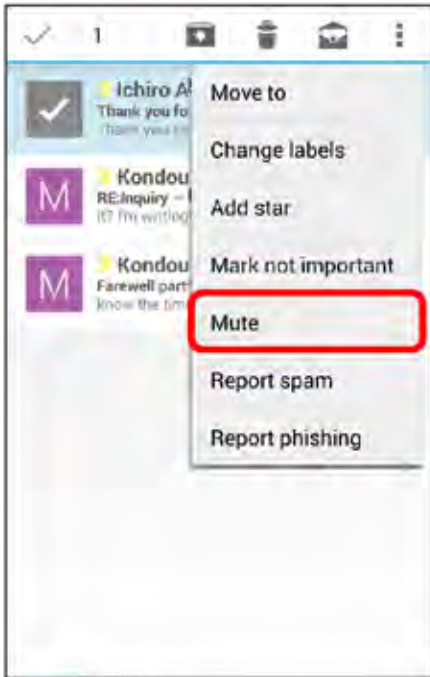
Touch & Hold target thread



n Several threads are also selectable.

3

➔ Mute



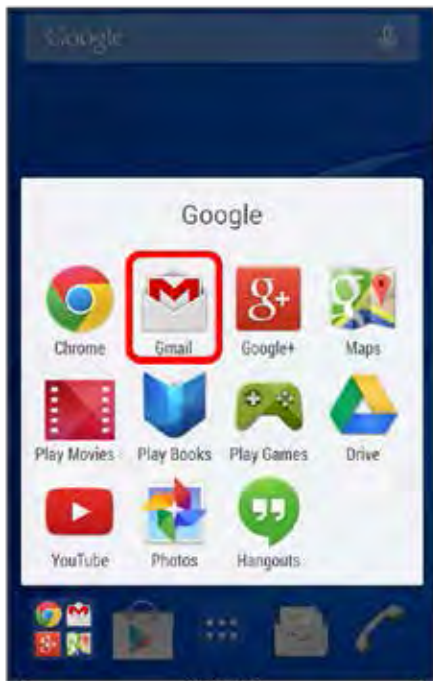
🚫 Thread is hidden.


n Tap **UNDO** to undo mute.

## Deleting Threads

1

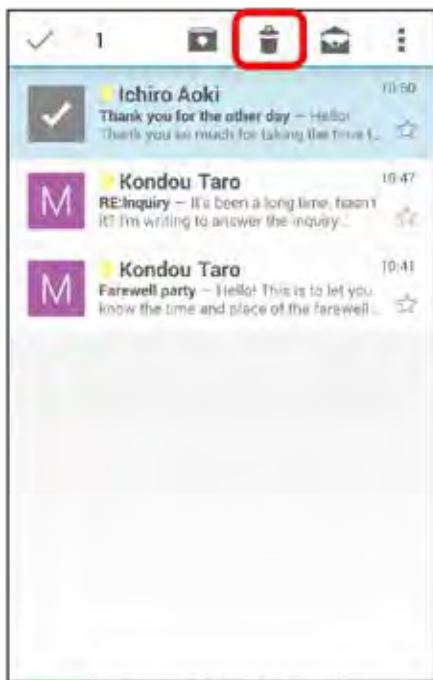
In Home Screen,  (Google) ➔  (Gmail)




 Inbox opens.

2

Touch & Hold target thread  



 Thread is deleted.

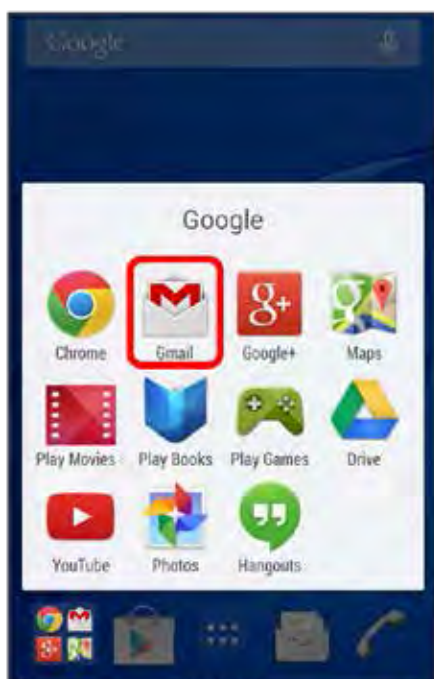



- n Several threads are also selectable.
- n Tap **UNDO** to undo deletion.

## Searching Mail

1

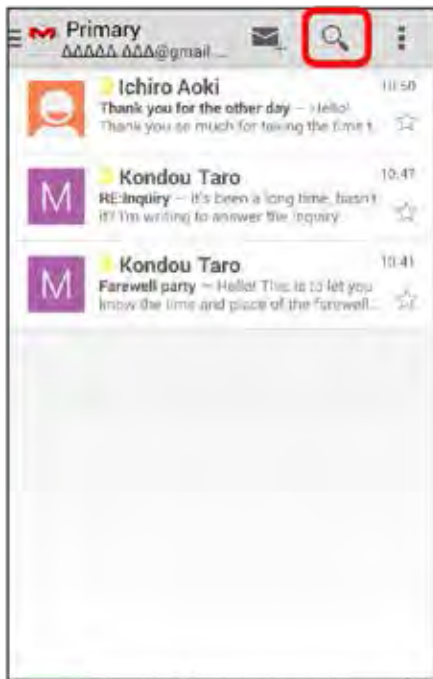
In Home Screen,  (Google)   (Gmail)



 Inbox opens.

2





### 3

Enter search text  

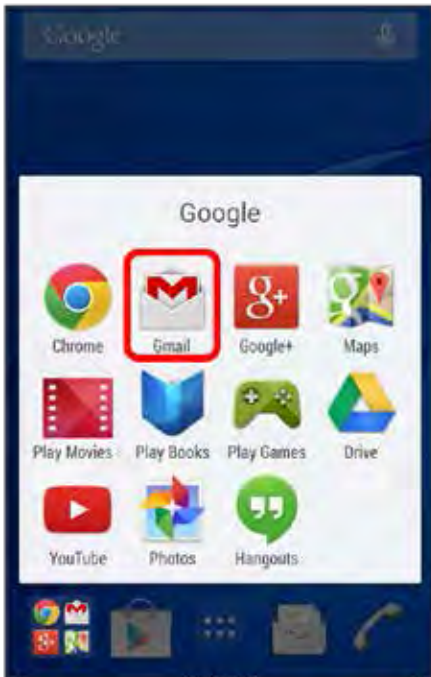



 Search results appear.

# Reporting Spam

1

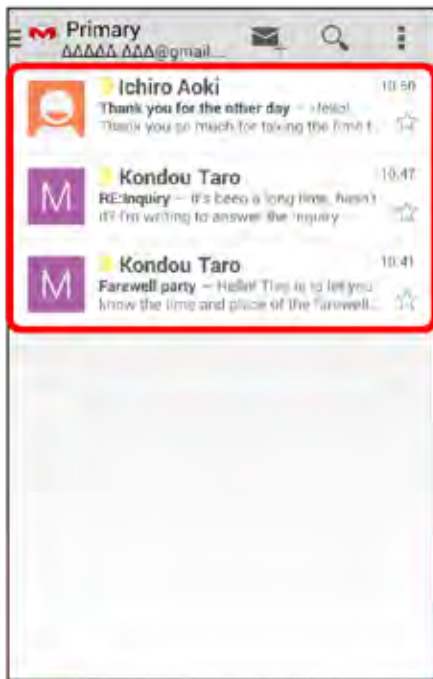
In Home Screen,  (Google)   (Gmail)



 Inbox opens.

2

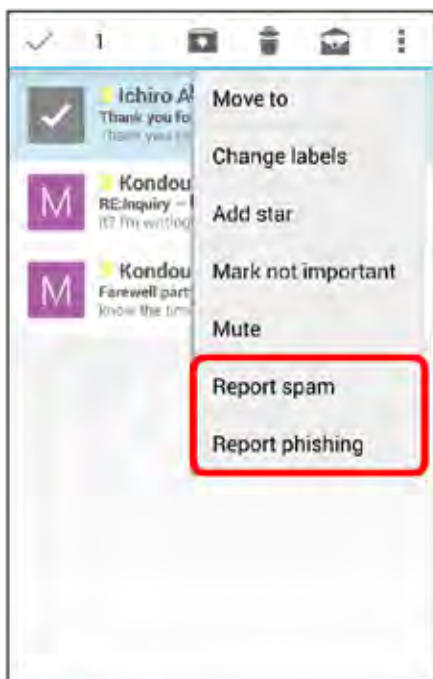
Touch & Hold target thread



n Several threads are also selectable.

### 3

→ Report spam/Report phishing

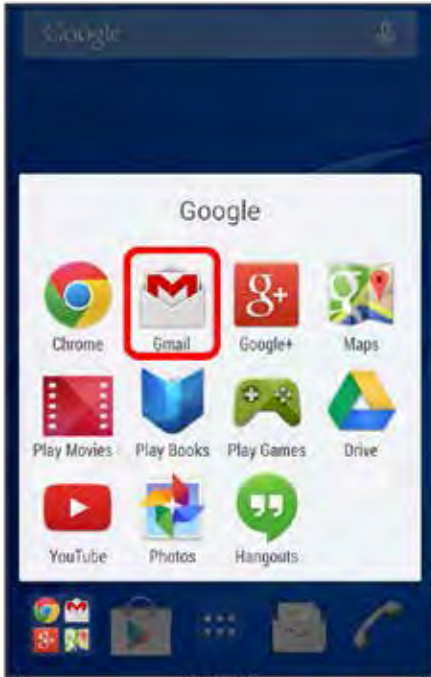



The thread is reported as spam/phishing.

# Switching Google Accounts

1

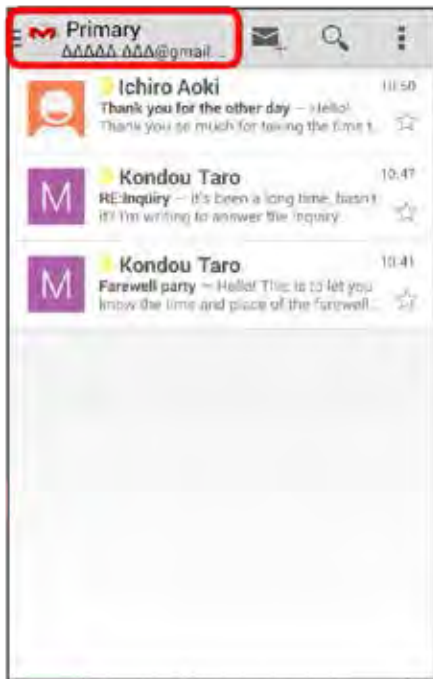
In Home Screen,  (Google)   (Gmail)



 Inbox opens.


2

Primary



### 3

Tap account to switch to

 Account switches.

# Using Email




---

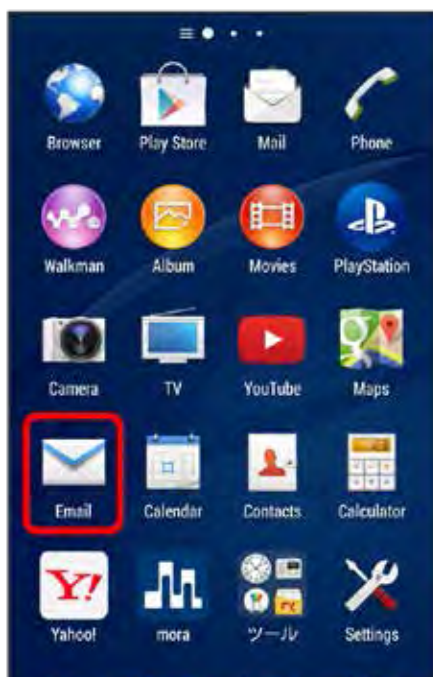
- ê [Setting an Account](#)
- ê [Adding an Account](#)
- ê [Creating/Sending Email](#)
- ê [Opening New Email](#)
- ê [Opening Email](#)
- ê [Deleting an Account](#)

## Setting an Account

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

1

In Home Screen,    (Email)



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




2

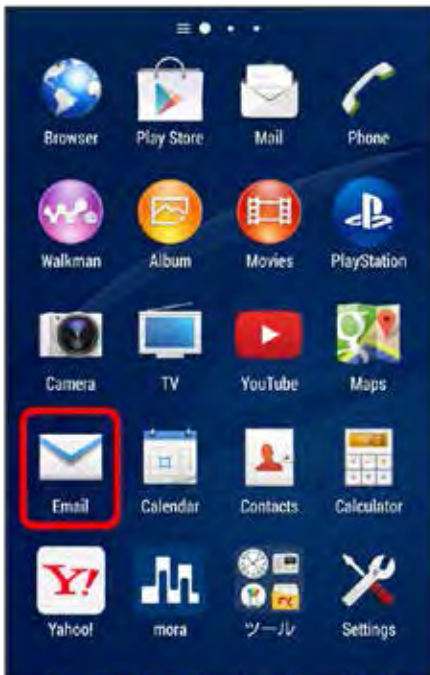
Follow onscreen instructions to set account

 Email is set.

## Adding an Account

1

In Home Screen,    (Email)

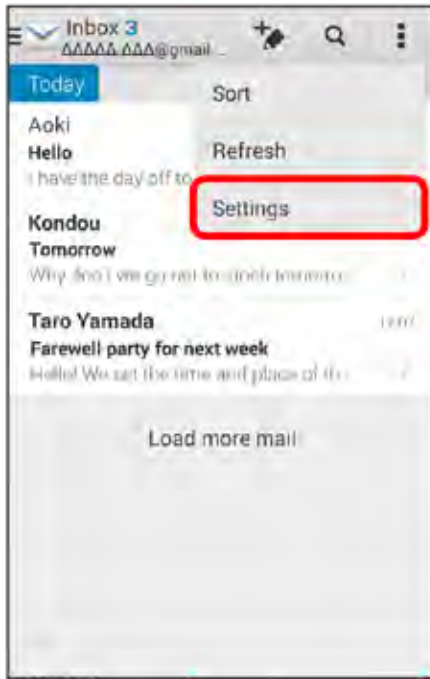


 Email list opens.

2

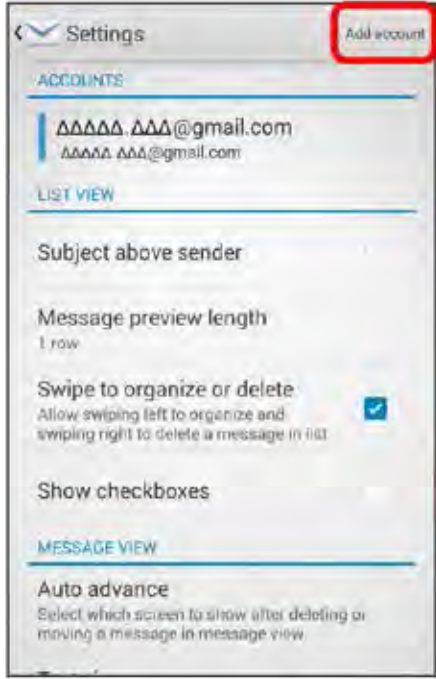
  Settings






### 3

#### Add account






### 4

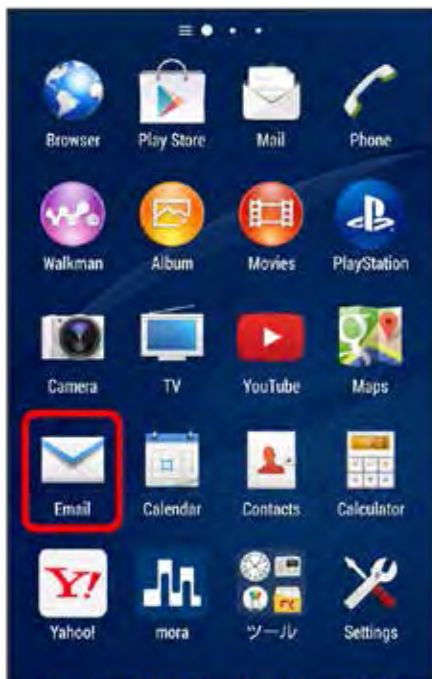
Follow onscreen instructions

 An email account is added.

## Creating/Sending Email

1

In Home Screen,    (Email)



 Email list opens.

2

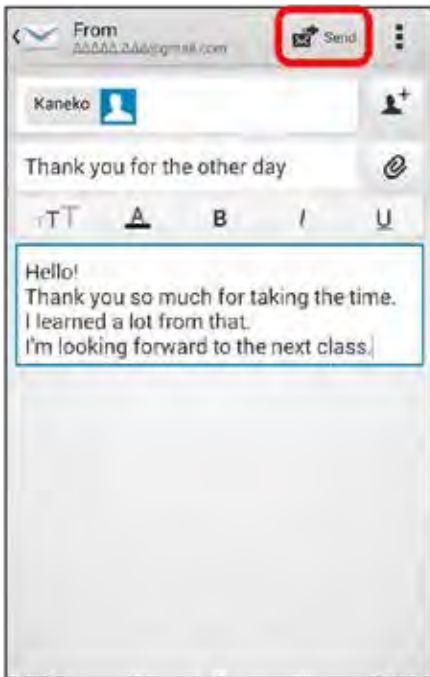





 Mail composition window opens.


### 3

Enter recipients/subject/mail text → **Send**



 Mail is sent.

# Opening New Email

When new email arrives,  appears in Status Bar.

1

---

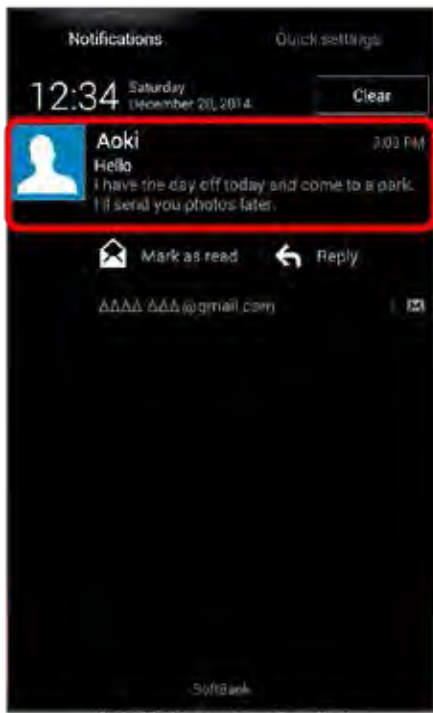
Drag Status Bar down




2

---

Tap new email





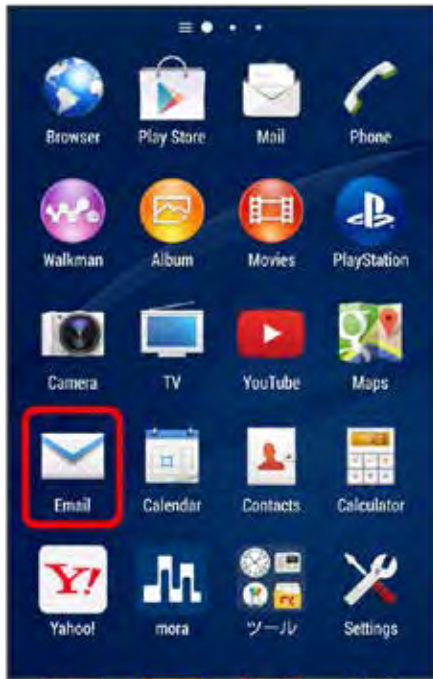
 The new received email message opens.

n For two or more new email messages, email list opens.

## Opening Email

1

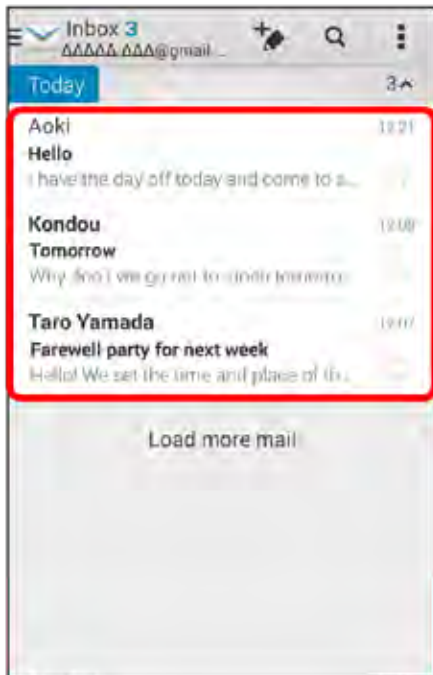
In Home Screen,    (Email)




 Email list opens.

2



Tap target mail






 Email message opens.

## **+ Operations when Opening Email**



### **Resetting Mail as Unread**

Touch & Hold mail to be set as unread in email list  

### **Deleting Mail**

Touch & Hold mail in email list    **Delete**

### **Syncing Accounts Manually**

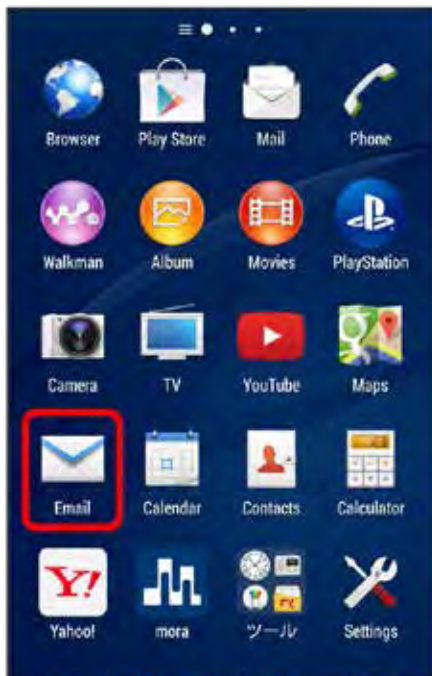
Switch to the account to be synced, and Tap   **Refresh**

Sync sent and received email messages manually at any time regardless of the automatic sync settings.

## **Deleting an Account**

**1**

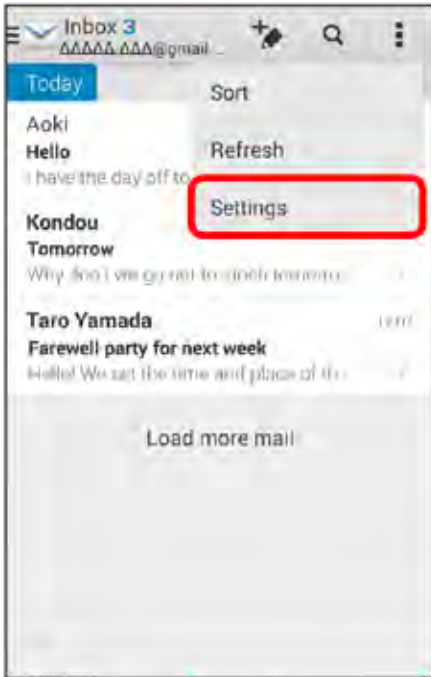
In Home Screen,    (Email)



 Email list opens.

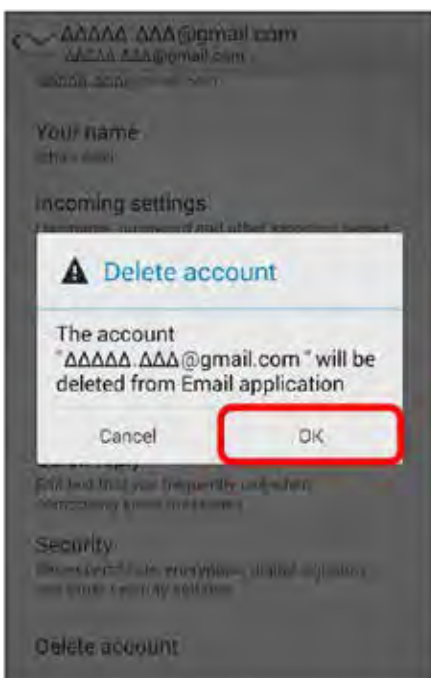
2

☰ → Settings




3

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





 The account is deleted.

# Browser

---

Search for information on the Internet using Browser.

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[Using Browser](#)

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[Adding Bookmarks](#)

---

[Showing Browsed History](#)

---

[Opening New Tabs](#)

---

[Setting Browser](#)

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## SSL/TLS

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



## SSL/TLS Cautions

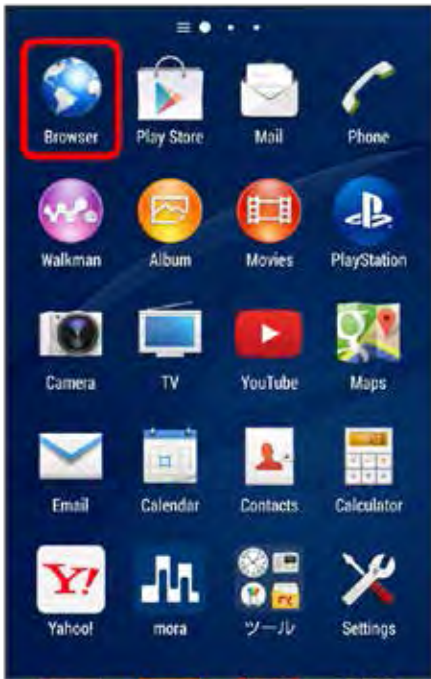
When opening a secured page, users must decide as their responsibility whether or not to open the page with use of SSL/TLS. SoftBank Mobile Corp. and the Certification Authorities Symantec Website Security G.K. and Cybertrust Japan Co., Ltd. make no guarantees whatsoever to users regarding security of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

## Using Browser

1

---

In Home Screen,    (Browser)



 Browser opens.

n Tap URL in text message (SMS) or mail to automatically activate Browser.

## Web page Operations

### My SoftBank Sign-in

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


In Browser,   Bookmarks  MySoftBank  Follow onscreen instructions

### Saving Web Pages






Show Web page to save    Save for offline reading

### Searching within Web Page

In Browser,   Find on page  Enter search text

 Search results are shown highlighted.

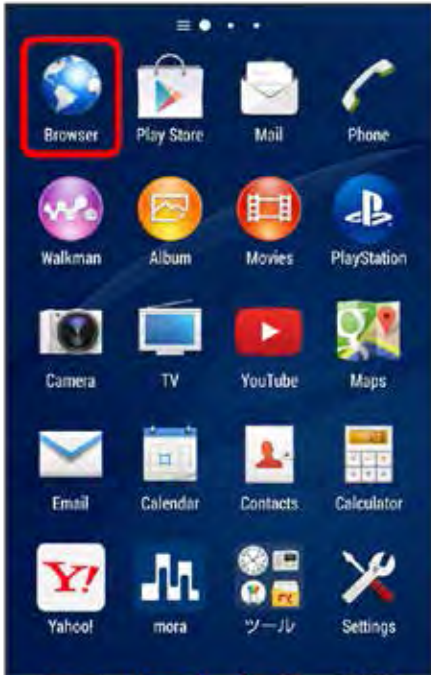
### Deleting Cache and Cookies

In Browser,   Settings  Privacy & security  Clear cache/Clear all cookie data  OK

# Adding Bookmarks

1

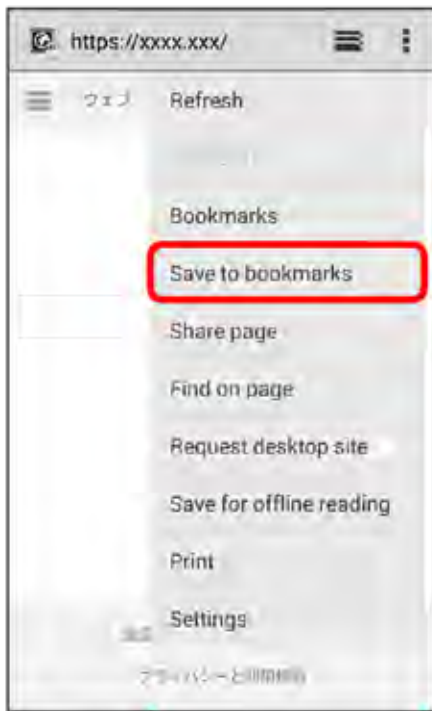
In Home Screen,    (Browser)



 Browser opens.

2

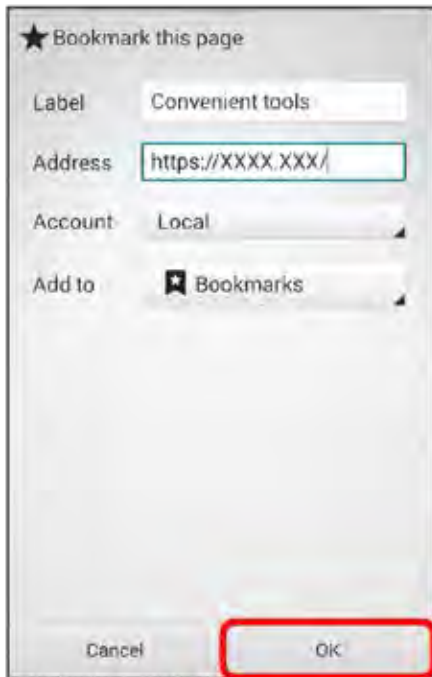
Show Web page to add    Save to bookmarks




 Add bookmark window opens.

### 3







Check/change label, URL, etc.  **OK**








 Current Web page is added to Bookmarks.

## + Bookmark Operations

### Editing Bookmarks

In Browser,   Bookmarks  Touch & Hold target bookmark  Edit bookmark   
Edit items  OK

### Deleting Bookmarks

In Browser,   Bookmarks  Touch & Hold target bookmark  Delete bookmark   
OK

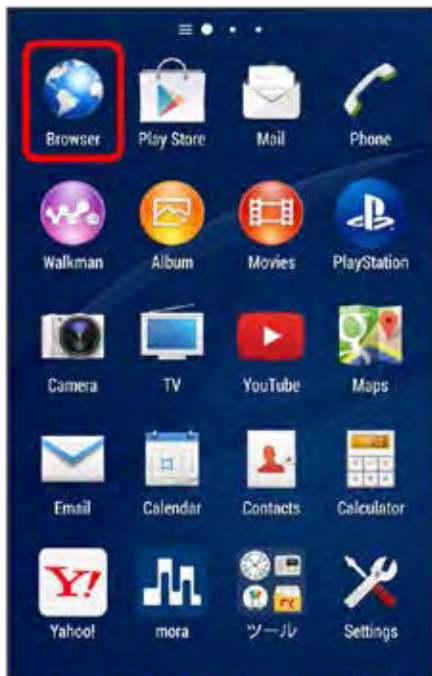
### Showing Saved Web Pages

In Browser,   Bookmarks  Saved pages  Tap target Web page

## Showing Browsed History

1

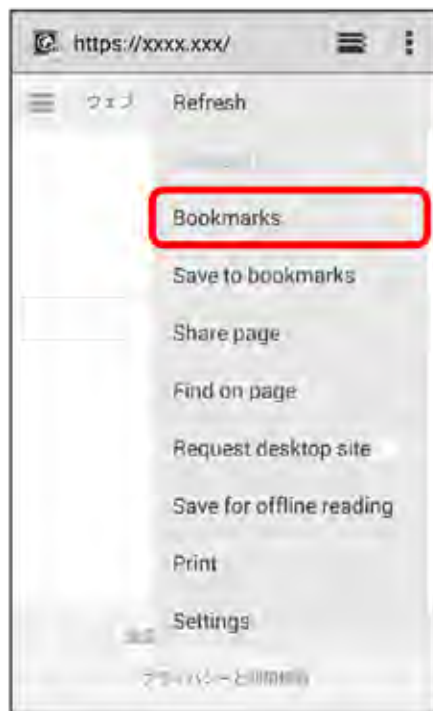
In Home Screen,    (Browser)



 Browser opens.

2

⋮ → Bookmarks



🌐 Browser opens.


3

History



4

Tap item such as "Today" → Tap target history

 Bookmarks open.

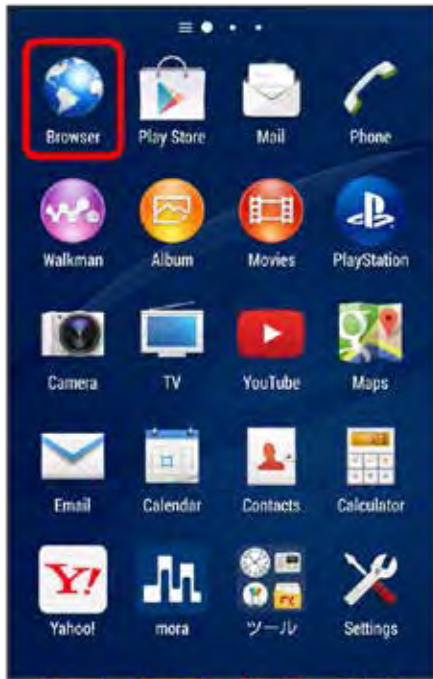
## Opening New Tabs


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

1

In Home Screen,    (Browser)






 Browser opens.

## 2




 Tab list opens.

n If  does not appear, Drag Web page down.

3



 New tab appears.

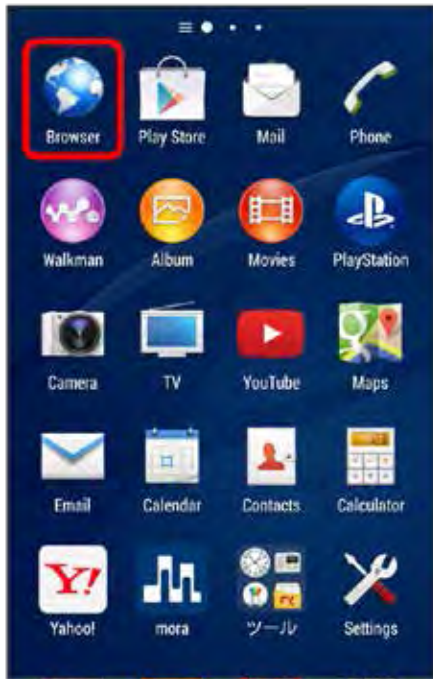
n To switch tabs, Tap target tab in tab list.

## Setting Browser

Make various settings for Browser.

1

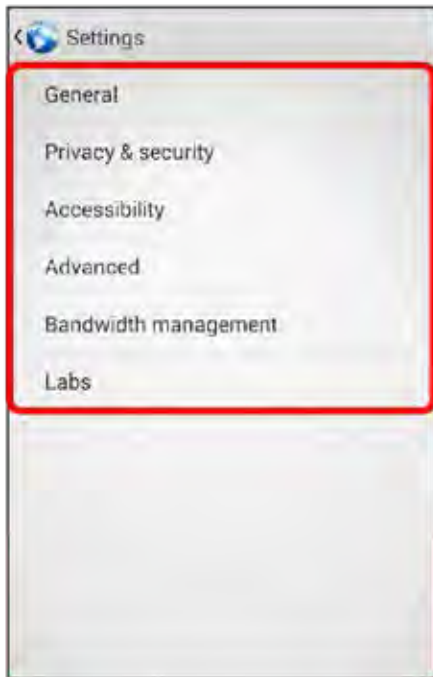
In Home Screen,    (Browser)




 Browser opens.

2

  Settings  Set items



 Setting is complete.

# Using the Browser (Chrome)

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Use the browser simply by entering search words and URLs.

---



[Using Chrome](#)

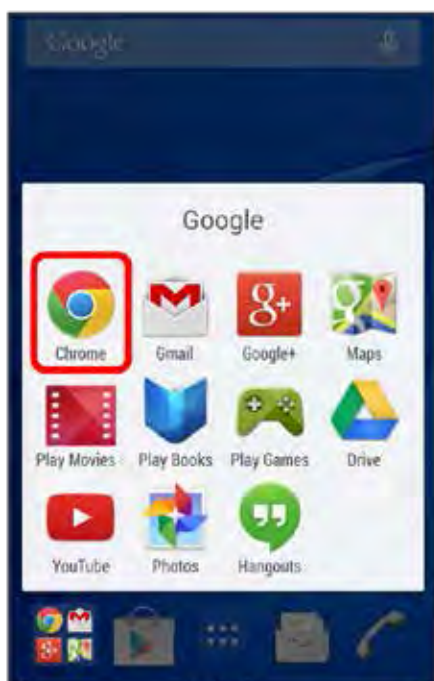
---


## Using Chrome

1

---


In Home Screen,  (Google)  (Chrome)




 Chrome opens.

n If confirmation appears, follow onscreen instructions.

2

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



 Search results appear or a Web page opens.

## Checking Usage Instructions

In Chrome, [Check guide](#)

# Capturing Still Images/Videos

---

[ê Capturing Still Images](#)

[ê Capturing Videos](#)

[ê Photo/Video Viewfinder Layout](#)



## Capturing Still Images/Videos

### File Format for Still Images

File format for still images is JPEG.

### File Format for Videos

Camera supports MPEG4 format.



## Camera Cautions

### If Lens Becomes Dirty

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

### Avoiding Exposure to Direct Sunlight

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



## Cautions on Capturing Still Images/Videos

### Copyright and Portrait Rights

Still images and videos captured by handset are prohibited by copyright law from use without consent of the copyright holders, unless intended for personal use or any other purpose permitted by law. Also, use or alteration of another person's portrait or name without his or her permission may be a violation of portrait rights.

When you post recorded still images and videos on Internet Web pages, etc., make sure to observe copyrights and portrait rights. Note that some performances, shows, and exhibitions may place limitations on recording even for personal use. Transmission of images protected by copyright or beyond the scope provided in copyright law is not possible.

### Capturing or Sending Images

Be considerate of the privacy of individuals around you when taking and sending photos using Camera.

Causing a public nuisance by using handset may be punishable under law.

## Camera Cautions

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

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

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

Capturing at high resolution requires significant memory.

If Auto Focus frame is not shown on Viewfinder, Auto Focus is unavailable.

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

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

Do not cover Mic when capturing videos.

Capture videos with adequate battery charge.

## Mobile Light Warning

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


## Capturing Still Images

Captured still images are saved to handset (memory).

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

1



---

 (Long Press)



# Sample

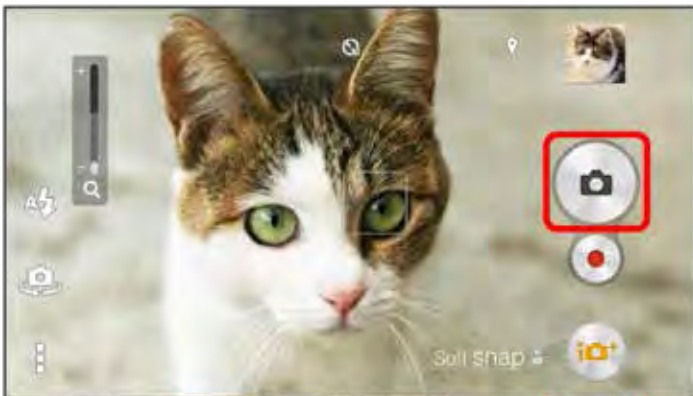
(イラスト)


 Viewfinder appears.

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

2

Aim Camera at subject  



 Shutter clicks and still image is saved.





## Capturing Operations (Still Images)

### Using Zoom


Press Volume Key.

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

### Capturing with Camera Key












 (Long Press)  Aim Camera at subject  



n To capture using Auto Focus, Press  halfway until Auto Focus frame changes to blue and shutter tone sounds, then Press down  all the way.


### Capturing with "Touch capture"

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

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

### Viewing Thumbnails

Tap thumbnail image at upper right on Viewfinder

 Captured still image opens.

## Capturing Videos

1

 (Long Press)



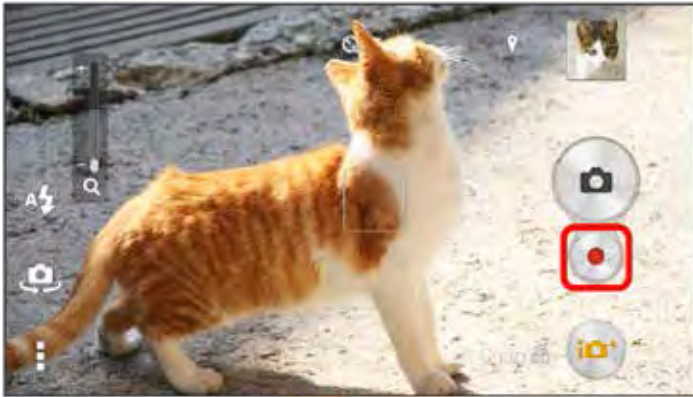
 Viewfinder appears.

n If confirmation appears, follow onscreen instructions.

n Alternatively, Tap  and Tap  (Camera) to activate Camera.

2

Aim Camera at subject → ●



🚩 Video recording starts.

n To pause, Tap ⏸ or to resume, Tap ●.

3

To stop recording, ■



🚩 Video recording stops and video is saved.

## + Capturing Operations (Videos)


### Using Zoom

Press Volume Key.

n Pinch/Spread fingers on Viewfinder to zoom in/out.

n Volume Key operations vary by setting of Use Volume key as. At time of purchase, "Zoom" is set.







### Capturing Still Image While Recording Video

While recording video, 

n Image resolution varies by Video resolution setting.












### Capturing with Camera Key

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

 (Long Press)  Tap icon to select Capturing mode  When "Manual" is set, Tap  to show Viewfinder  Press  to start/stop capturing


### Capturing with "Touch capture"

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

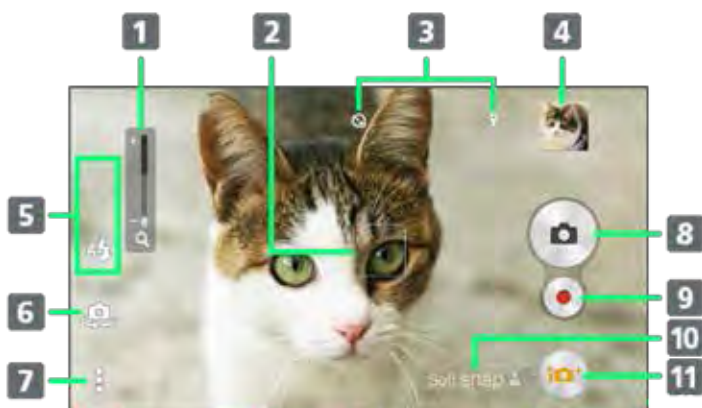
 (Long Press)  Tap indicator to select Capturing mode  When "Manual" is set, Tap  to show Viewfinder  Tap   Tap "X" tab  Tap or Drag right  of "Touch capture"   Tap Viewfinder to start/stop capturing

### Viewing Thumbnails

Tap thumbnail image at upper right on Viewfinder

 Captured video opens.

## Photo/Video Viewfinder Layout



**Zoom indicator**

**Auto Focus frame**

**Status Indicators area: Self-timer, Geotagging or other set item are shown.**

**Thumbnail: Tap to view captured still image or open video playback window.**

**Setting Indicators area**

**Camera Switch: Switch between Camera and Front Camera.**

**Option Menu: Make Camera settings.**

**Shutter Icon (Still image)/Pause Icon (Video)**

**Start/Stop Recording Icon (Video)**

**Scene Indicator: Recognized Scene mode when "Superior auto" is set. Other indicator appears when Camera is moving or fixed, or subject is moving.**

**Capturing mode Icon: Set Capturing mode.**

# Viewing Captured Still Images/Videos (Album)

☰ Showing Still Images/Videos

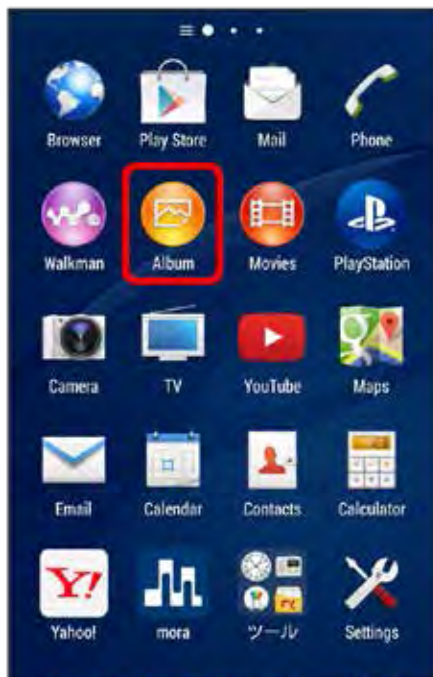
## Showing Still Images/Videos

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

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

1

In Home Screen, ☰ → 📁 (Album)



📁 Images are shown in chronological order.




n When using for the first time, select category to show from category list.

## 2

Tap still image/video



 Image playback appears.


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

### Operations when Viewing Still Images/Videos


#### Zooming In or Out Still Image

Tap Display twice or pinch to check a still image

#### Playing Burst with longpress Files in Slideshow

In still image playback, 

#### Viewing Timeshift burst Files

View all saved still images.  
In still image playback, 

# Editing Captured Still Images (Album)

---

ê [Rotating Still Images](#)

---

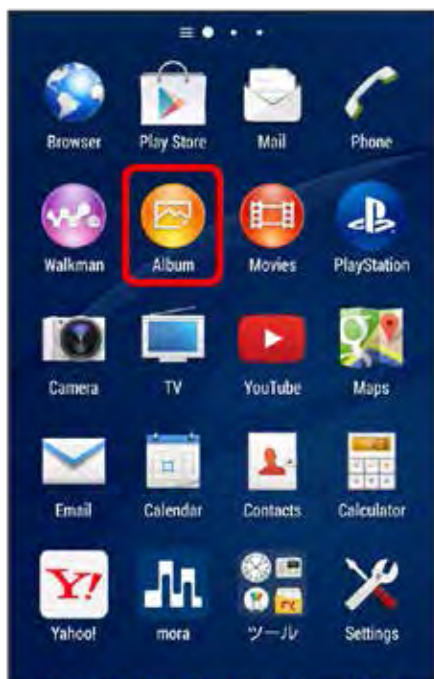
ê [Trimming Still Images](#)

---

## Rotating Still Images

1

In Home Screen,    (Album)



 Still image/video list opens.

2

Tap still image

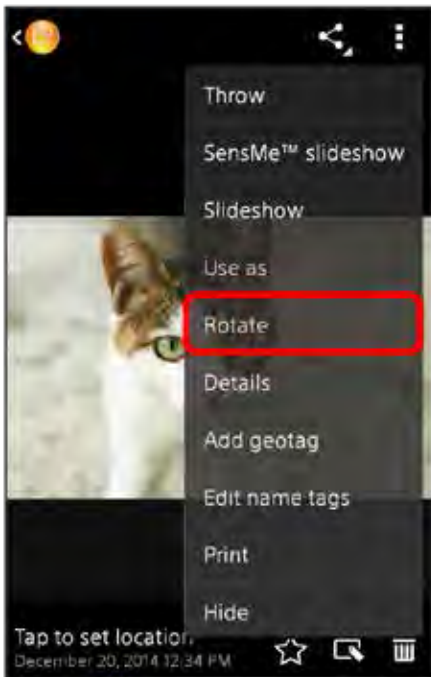




Still image playback appears.

### 3

In still image playback, Tap a screen    Rotate





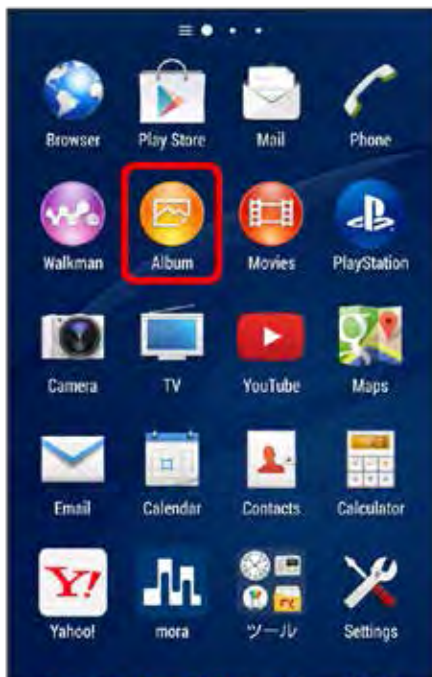
Still image is rotated and overwritten.

# Trimming Still Images

Operation using Photo editor application is explained here.

1

In Home Screen,    (Album)



 Still image/video list opens.

2

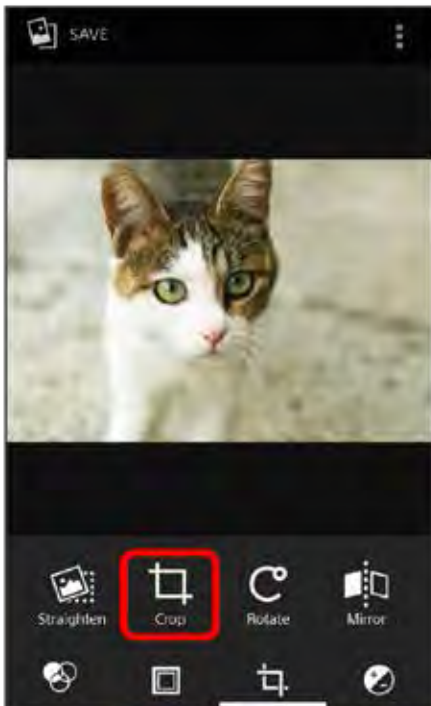
Tap still image



Still image playback appears.

3

Tap the window      Crop



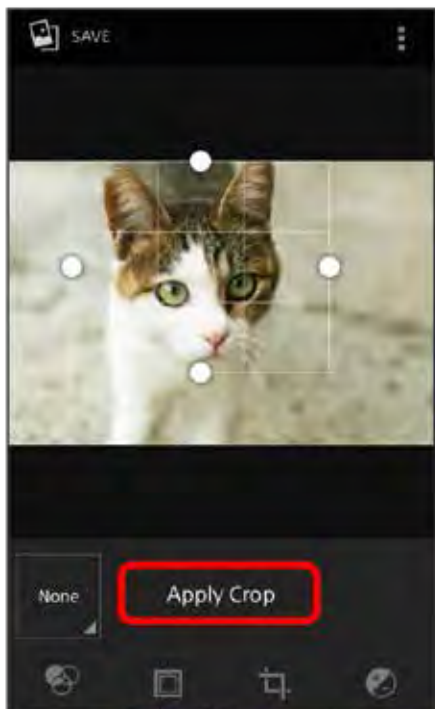
Cropping window opens.

n If application selection appears, select "Photo editor."

4

---


Adjust cropping frame by Dragging → Apply Crop



5

---

SAVE

 Cropped still image is saved as a separate file.

# Sharing Still Images and Videos

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

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👉 [Sending Still Images or Videos by Email](#)

---

👉 [Sending Still Images or Videos Using Bluetooth®](#)

---

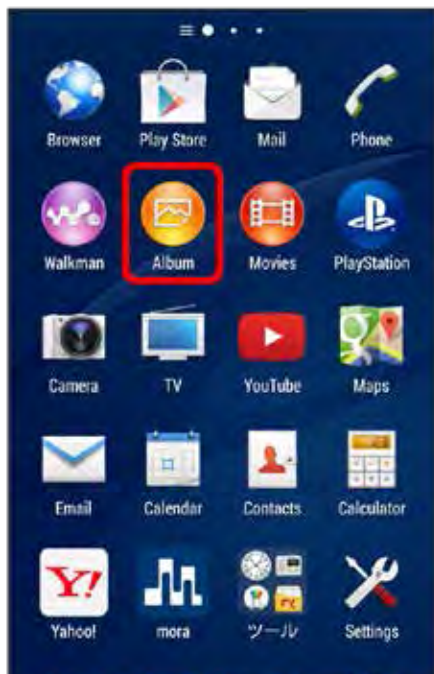
## Sending Still Images or Videos by Email

Send still images/videos as email attachments.

1

---

In Home Screen,    (Album)



 Still image/video list opens.

2

Tap still image/video to share

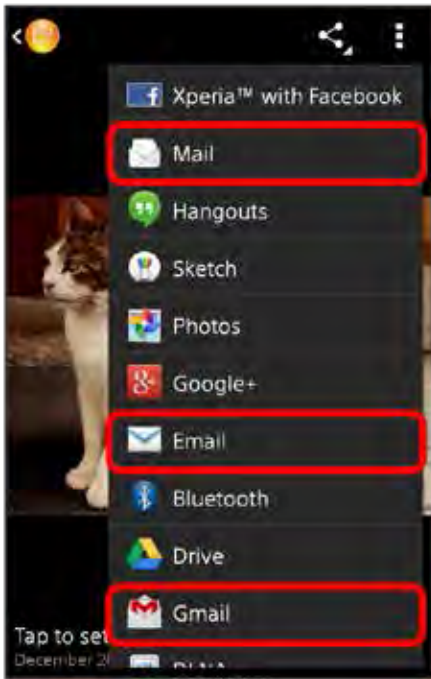



 Image playback appears.

n To select multiple items, Touch & Hold an image to turn on multiple select. Then, Tap all the items you want to include.

3

Tap the window    Mail/Gmail/Email




 Follow onscreen instructions.

n If you have multiple email accounts, the default email account will be used.

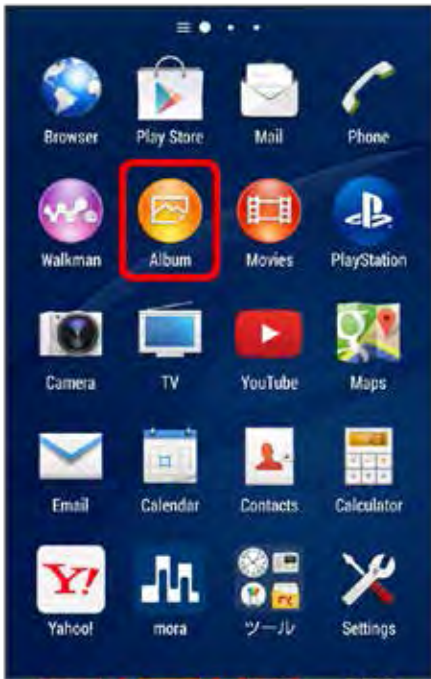
## Sending Still Images or Videos Using Bluetooth®

You can select several still images, videos, or both and send them to someone's phone or your computer using Bluetooth®.

1

In Home Screen,    (Album)






 Still image/video list opens.

2

Tap still image/video to share

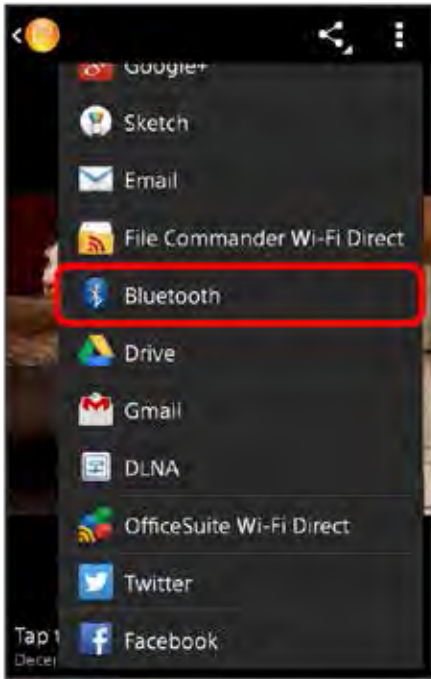



 Image playback appears.



3

Tap the window   Bluetooth



 Follow onscreen instructions.

# Making Camera Settings

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

















[Switching Capturing Mode](#)




[Setting Camera Functioning](#)

## Switching Capturing Mode


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

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

Capturing mode	Description
 <b>Superior auto</b>	Capture still images or videos with automatically optimized settings. Camera detects conditions such as moving (  ) or fixed (  ) , or moving subject (  ) and determines most suitable scene. Indicator appears for recognized scene: "Soft snap," "Landscape," "Backlight," "Backlight portrait," "Night scene," "Document," "Macro," "Low light," "Infant" and "Spotlight."
 <b>Manual</b>	Change Camera settings for still images or video capturing manually.
 <b>Sound Photo</b>	Record conversation or sound with still images.
 <b>AR fun</b>	Capture with virtual objects to make still images or videos more fun.
 <b>Multi camera</b>	Connect friend's camera to capture multi-viewed still images or videos.
 <b>Face in picture</b>	Use Camera and Front Camera to capture still images or videos that include yourself.
 <b>4K video</b>	Capture high resolution 4K videos.
 <b>Timeshift video</b>	Select best moment from video captured at 120fps to show in slow-motion.
 <b>Live on YouTube</b>	Broadcast video as it is captured live on YouTube.
 <b>Background defocus</b>	Defocus background as if using a digital single-lens reflex camera.
 <b>AR effect</b>	Capture still images or videos against a virtual world such as the age of the dinosaurs or under the sea.
 <b>Creative effect</b>	Add various effects to capture impressive still images or videos.
 <b>Info-eye™</b>	Obtain object information for captured still images.



 <b>Timeshift burst</b>	Choose best moment from series of 61 photo thumbnails captured during 1 second before and after the shutter release. The image is used as the cover in Album application. All images are saved.
 <b>Social live by Bambuser</b>	Share your experience with your friends on Facebook in real time.
 <b>Sweep Panorama</b>	Move Camera to capture a panorama photo. Move Camera keeping the arrow aligned on the center line of the white frame on Viewfinder to capture.

## 1

 (Long Press)




 Viewfinder appears.

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

## 2

Tap the indicator  Select a Capturing mode



 Capturing mode switches.

n If confirmation appears, follow onscreen instructions.

## Using Capture Mode

### Multi Camera

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

### 4K Video/Timeshift Video

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

## Cautions on Capturing

### Multi Camera

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

### Sweep Panorama

Capture in landscape view using "Sweep Panorama."

Moving objects or background are not suitable for Sweep Panorama capturing.

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

This function joins multiple images, and the locations where images are joined may not be smoothly recorded.

In a dim place, image may be blurred or capturing may fail.

Under flickering light such as fluorescent lighting, brightness and color may be uneven.

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

Camera movement that is too quick or too slow, or moving the camera in reverse to the



direction of sweeping may stop Sweep Panorama capture.



## Setting Camera Functioning

Main setting items are as follows.


n Setting items vary by Capturing mode.

n Some settings cannot be made with other items at the same time.

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

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

1

 (Long Press)



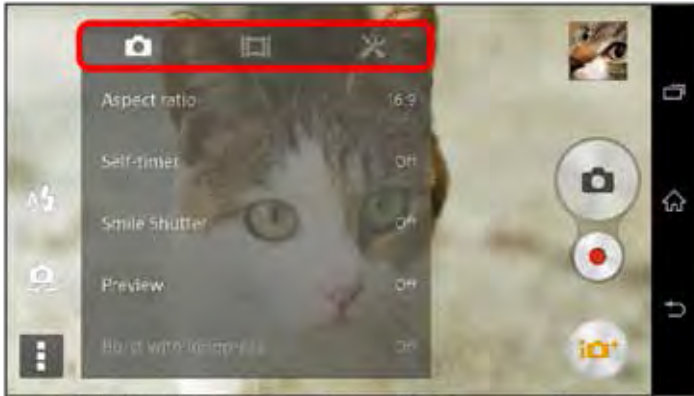
 Viewfinder appears.

n If confirmation appears, follow onscreen instructions.

n Alternatively, Tap  and Tap  (Camera) to activate Camera.

2


 Tap ""/""/"" tab



 Settings open.

3

Tap setting item  Set items

 Settings are applied.






## Operations on Using Camera

### Setting Scene Selection

In Viewfinder,   Select a scene.

n Set when Capturing mode is "Manual."




### Adjusting Brightness/White Balance

In Viewfinder,   Tap or Drag Bar to adjust brightness  Tap Indicator to set white balance  

### Setting Flash

In Viewfinder,   Set Flash

### Using Quick Launch

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

In Viewfinder,   Tap "" tab  Quick launch  Launch only/Launch and

capture/Launch and record video → ↻

n To cancel setting, Tap Off.

n When Quick launch is set, Capturing mode is "Superior auto."

### Capturing Using Face Detection

Camera focuses on face even out of center in Viewfinder.

In Viewfinder, Tap Capturing mode icon → Manual → ⓘ → Tap "📷"/"🎬" tab →

Focus mode → Face detection → ↻ → Aim Camera at subject → Tap as Auto-focus frame or enable Camera to detect face to focus on → Capture a still image/video

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

### Capturing Using Smile Shutter

Capture a smiling face.

In Viewfinder, ⓘ → "📷"/"🎬" tab → Smile Shutter/Smile Shutter (video) → Select a

smile level → ↻ → Aim Camera at subject → Camera captures automatically when focused face smiles



# Scanning Barcodes

---

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

---

🏠 Scanning Barcodes

---

## Scanning Barcodes

1

In Camera Viewfinder, Tap Capturing mode icon ➔ ⓘ (Info-eye™)



n If confirmation appears, follow onscreen instructions.

2

Tap Viewfinder ➔ Follow onscreen instructions

📄 Barcode is scanned, and scan result appears.

# Scanning Text

---

Scan text (Japanese/alphanumerics).

---

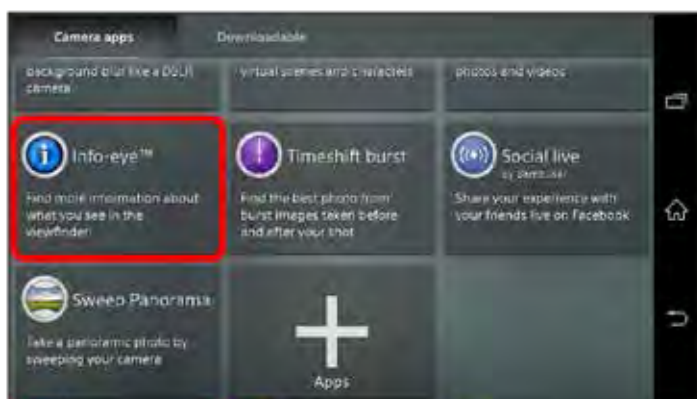
👁️ Scanning Text

---

## Scanning Text

1

In Camera Viewfinder, Tap Capturing mode icon ➡️ 👁️ (Info-eye™)



n If confirmation appears, follow onscreen prompts.

2

Tap Viewfinder ➡️ Follow onscreen instructions

📄 Scan result appears.

n To copy to clipboard, Tap to copy to clipboard.

n Search information from the shown text.

# Viewing TV (Full Seg/One Seg)

---

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

---

[TV Antenna Cable](#)

---

[Setting Channels \(Using for First Time\)](#)

---

[Viewing TV](#)

---

[TV Screen Layout](#)

---

## Hints

**Q** Cannot launch TV

**A** Battery may be low. Handset needs to be charged.

**Q** Cannot view TV

**A** Check signal reception. Move where signal is good.

**Q** Cannot obtain the desired result of channel setting

**A** Update broadcasting area. Channel setting may not be set correctly depending on area, beginning period of broadcasting, etc.

## TV Cautions

### Use Overseas

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

### Channel Setting

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

### Viewing Environment

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

## Do Not Use TV while Walking or Driving

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

## TV Antenna Cable

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

1




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

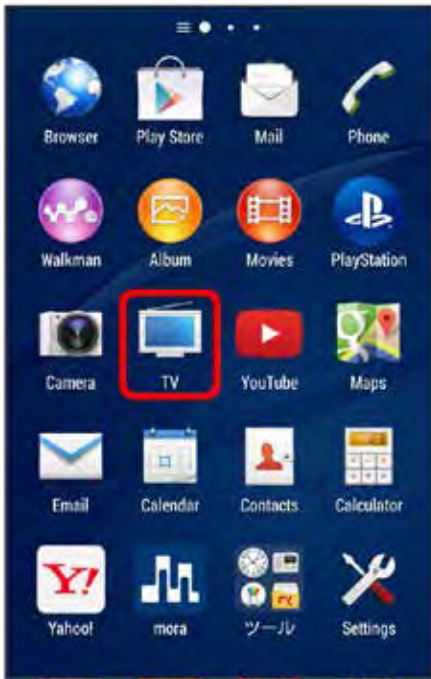
Sample  
(イラスト)


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

## Setting Channels (Using for First Time)

1

In Home Screen,    (TV)

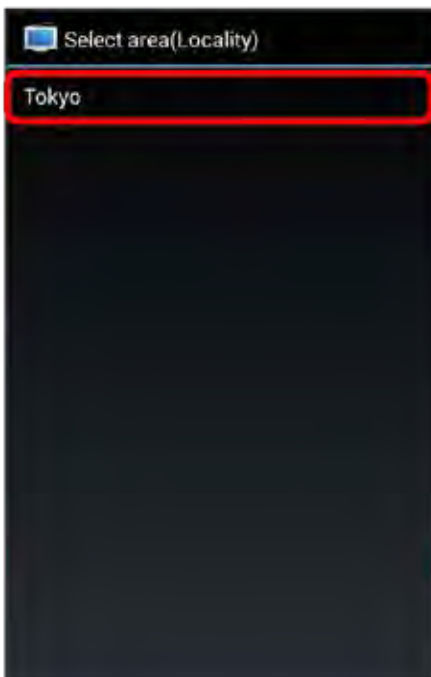


 Select area(Area) opens.

n If confirmation appears, follow onscreen instructions.

2

Tap Area → Tap Prefecture → Tap Locality



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

3

OK






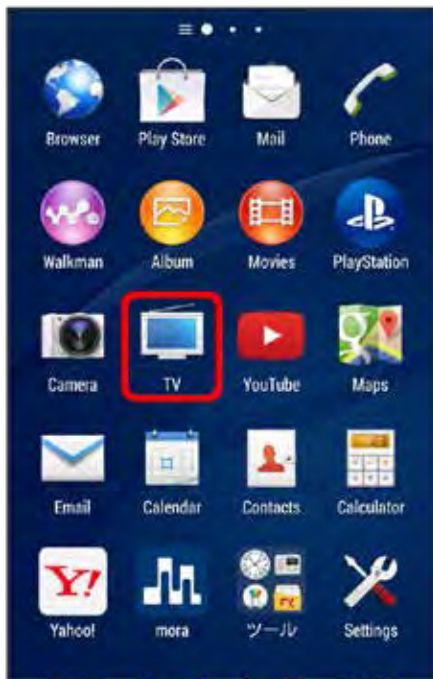
 Channels setting is complete and TV is activated.


n If confirmation appears, follow onscreen instructions.

## Viewing TV

1

In Home Screen,    (TV)



 TV screen appears.

n If confirmation appears, follow onscreen instructions.

## 2

Flick screen left/right and select channel



 Selected TV screen appears.

## TV Screen Layout

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



**Present broadcast service (Full Seg/One Seg)**  
**Switch Full Seg/One Seg**  
**Full Seg data broadcasting**  
**Remote**  
**Option menu**



**Reception level**

**Channel/broadcast stations name/program information**

**Record program**

**Channel selector**

**Remote for data broadcasting**

**Channel list**





**Detailed information on program**

## **TV operation**



### **Switching Full Seg/One Seg**

In TV screen,   Tap item



### **Operating Data Broadcasting**

In TV screen,  (Data)   (Remote)  Follow onscreen prompts


### **Scanning Channels**

In TV screen, Touch & Hold  or 

### **Saving Channel to Channel List**


In TV screen, Touch & Hold image  Touch & Hold channel to save  **YES**  
n To overwrite, Tap **Overwrite registered channel**.

### **Ending TV**

In TV screen, 

### **Checking Program Information Currently Viewed**

In TV screen,   **Program**  **Program information**





n In program info screen, Tap program name to check program detail information. In program detail info screen, Tap  for scheduled recording/viewing. For details on scheduling recording/viewing, see "[Scheduling Recording/Viewing](#)."

### **Using TV Link**

In TV screen,   **TV link**  Follow onscreen prompts




n Methods of saving TV link differ depending on program.

### **Adding Broadcasting Area**






In TV screen,   **Change area**  Touch & Hold broadcasting area  **Area info setting**

n For details on broadcasting area, see "[Setting Channels \(Using for First Time\)](#)."

### **Switching Broadcasting Area**







In TV screen,   **Change area**  Tap broadcasting area

### Updating Channel






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

n If you Tap **Update all**, Tap **YES** in confirmation screen.




### Renaming Area

In TV screen,   **Change area**  Touch & Hold broadcasting area  **Rename area**  Enter area name  **OK**

### Deleting Broadcasting Area

In TV screen,   **Change area**  Touch & Hold broadcasting area  **Delete settings**  **YES**

### Deleting a Channel

In TV screen, Touch & Hold image  Touch & Hold channel  **Delete channel**  **YES**

### Making Subtitles/Sound Settings

In TV screen,   **Subtitle/Sound/Video setting**  Follow onscreen prompts

### Making TV Settings

Set Superimpose setting, Data Broadcasting, Auto Exit Timer, etc.

In TV screen,   **Settings**  Follow onscreen prompts

# Recording/Playing Back Programs

---

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

---

[Recording Programs](#)

---

[Playing Back Recorded Programs](#)

---

[Playback Screen Layout](#)

---

## Record/Playback Cautions

### Recording

Note the following when recording.

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




### Restriction on Recorded Programs

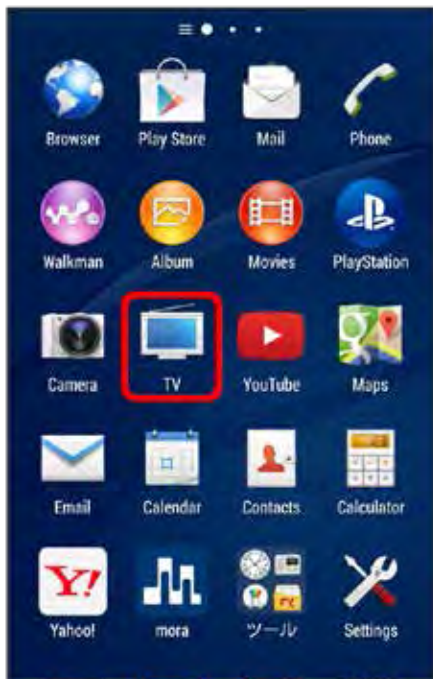
Programs recorded on handset cannot be played back on other devices.

## Recording Programs

1

---

In Home Screen,    (TV)



 TV screen appears.

n If confirmation appears, follow onscreen instructions.


## 2

On channel to record,  (Record)






 Recording starts.

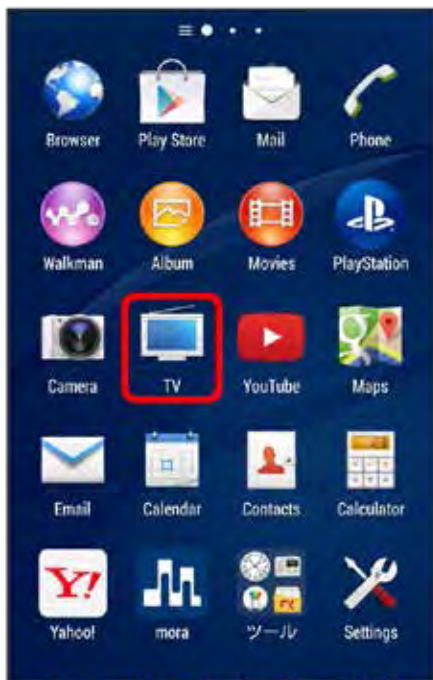
n If confirmation appears, follow onscreen instructions.


n To stop recording, Tap  (Stop).

# Playing Back Recorded Programs

1

In Home Screen,    (TV)

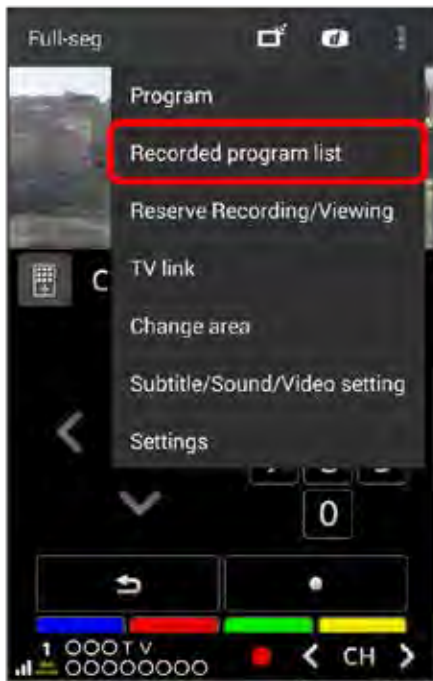



 TV screen appears.

n If confirmation appears, follow onscreen instructions.

2


  Recorded program list



 Recorded program list appears.

### 3

Tap file

 Playback starts.

## Playback Screen Layout

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



**Skip (rewinding 15 seconds)**

**Rewind (switch to 2x, 10x, 30x and 120x for every Tap)**

**Pause/play**

**Fast forward (switch to 2x, 10x, 30x and 120x for every Tap)**

**Skip (fast forwarding 30 seconds)**

**Playback point (drag to adjust)**

**Recorded program name**

**Play time/Recording time**

## **+ Operations during Recording/Playback**

### **Setting Playback pattern**

In recorded program list screen, **⋮** → **Playback pattern** → **Normal playback/Repeat playback**

### **Checking Free Space on SD Card**

In recorded program list screen, **⋮** → **Remaining memory**

### **Deleting Recorded Program**

In recorded program list screen, Touch & Hold a recorded file → **🗑️** → **YES**

### **Checking Property**

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

### **Renaming Title**

In recorded program list screen, Touch & Hold a recorded file → **📄** → **Enter title** → **OK**

# Recording/Viewing at Preset Times

---

ê Scheduling Recording/Viewing



---

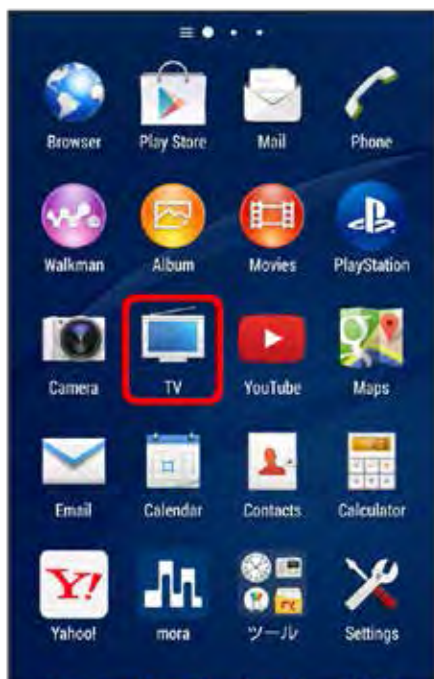
ê Checking Scheduling

---

## Scheduling Recording/Viewing

1

In Home Screen,   (TV)



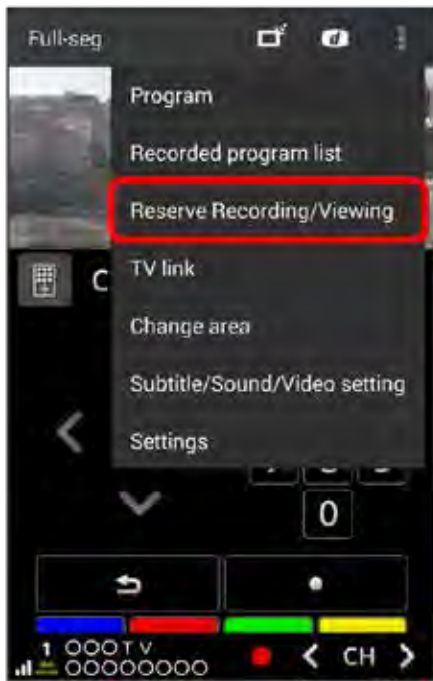
 TV screen appears.

n If confirmation appears, follow onscreen instructions.

2

  Reserve Recording/Viewing

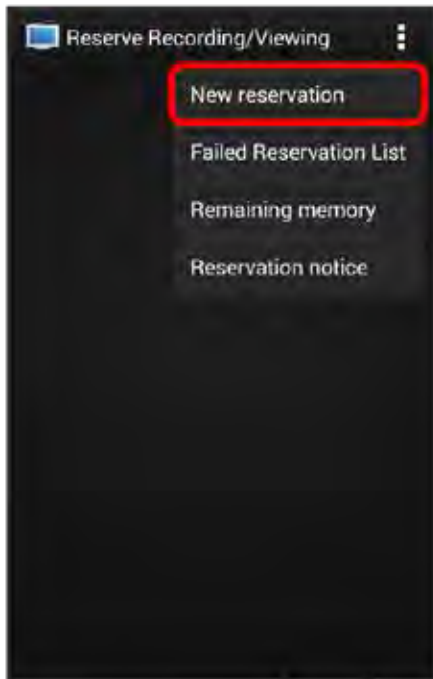




 Reserve recording/viewing list opens.

### 3

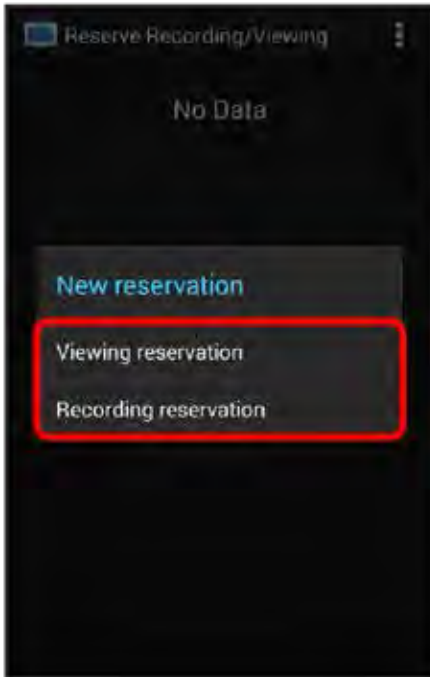
#### New reservation



4

---

## Viewing reservation/Recording reservation



 Reservation setting screen opens.

5

---

Set items  Save



6

YES




 Reservation is complete.

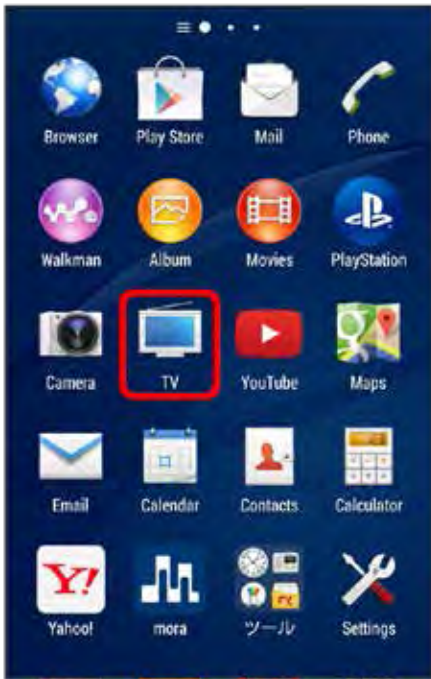
### **Reservation Cautions**

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

## Checking Scheduling

1

In Home Screen,    (TV)



 TV screen appears.

n If confirmation appears, follow onscreen instructions.

2

  Reserve Recording/Viewing



 Reserve recording/viewing list opens.

3

Tap reservation


 Reservation list opens.

## Operations in Reserve Recording/Viewing List

### Deleting Recording/Viewing Reservation

Touch & Hold target reservation in reserve recording/viewing list  **Delete**  **YES**






### Editing Recording/Viewing Reservation

Touch & Hold target reservation in Reserve recording/viewing list to edit  **Edit**  
n For details on scheduling recording/viewing, see "[Scheduling Recording/Viewing.](#)"

### Checking Failed Reservation List

In Reserve recording/viewing list,   **Failed Reservation List**  Tap Failed Reservation

### Deleting Failed Reservation

In Reserve recording/viewing list,   **Failed Reservation List**  Touch & Hold Failed Reservation  **Delete**  **YES**

### Setting Reservation Notice

In Reserve recording/viewing list,   **Reservation notice**  Follow onscreen instructions.

# Using Urgent News

---

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

---

[If Urgent News Arrives](#)

---

[Opening Old Urgent News](#)

---

## Disabling Urgent News

In Received News list,   Urgent News Incoming Setting  Urgent News Incoming Setting ()

## Urgent News Cautions


### Reception

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

### Standby Time

While Urgent News is enabled, standby time is shorter.

## If Urgent News Arrives

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

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

1

---

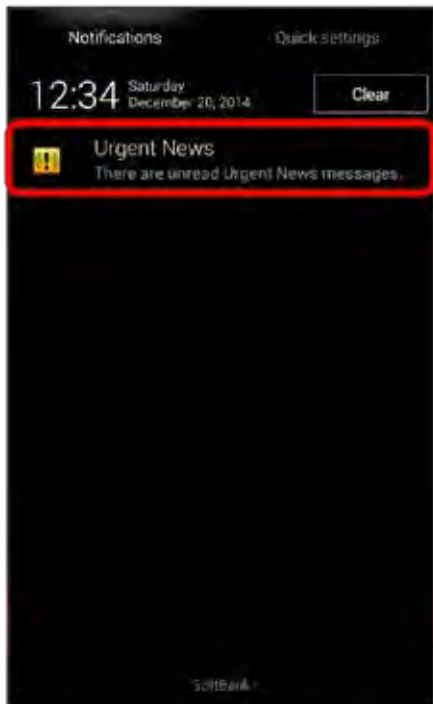
Drag Status Bar down to open Notifications Window



 Notifications Window opens.

2

Tap the Urgent News notification



 Received Urgent News list opens.






3

Tap the Urgent News

 The received Urgent News opens.

## Opening Old Urgent News

1

In Home Screen,    (安心・安全)   (Urgent News)



 Received Urgent News list opens.

2

Tap the Urgent News

 The Urgent News opens.



# Using Google Maps

---

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

---

📍 [Viewing Maps of Specified Places](#)

---


## Viewing Maps of Specified Places

1

---

In Home Screen,  (Google)   (Maps)



 Map opens.

n If confirmation appears, follow onscreen instructions.

2

## "Search"



### 3

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




 A map of the specified place opens.



## Google Maps Operations

### Viewing Current Location

Set Location beforehand.

In map, 







### Obtaining Useful Area Information for Current Location

In map, "Search"  Tap target information  Follow onscreen instructions

### Viewing Traffic Jam Information, Aerial Photos, Etc. in Map

In map,   Tap target information

### Checking Route to Destination

In map,    (car)/ (public transport)/ (on foot)  Enter My Location/Choose destination...

n Route candidates to the destination appear in a list.

### Checking Detailed Operation for Map

In map,   

# Using Hangouts

---

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

---

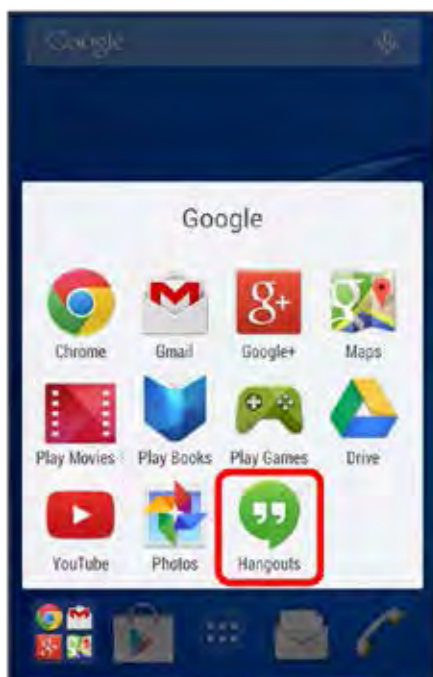
[Using Hangouts](#)

---

## Using Hangouts

1

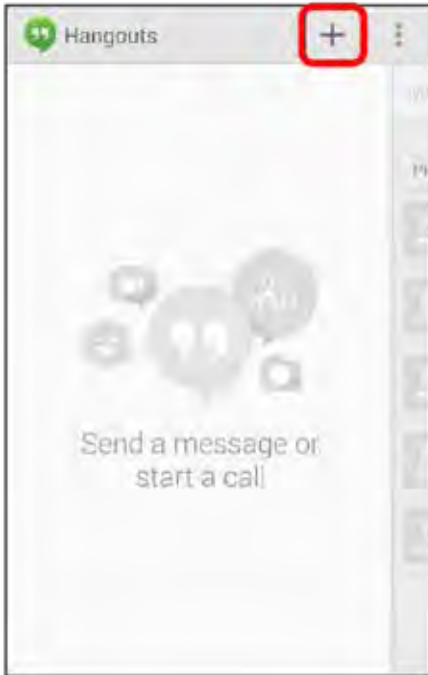
In Home Screen,  (Google)   (Hangouts)



 Hangouts appears.

n If confirmation appears, follow onscreen instructions.

2



### 3

Enter friend's name, mail address, phone number, circle → Tap friend → Follow onscreen instructions



 Chat window/video chat window opens.


- n Each time text is entered, the corresponding friend appears.
- n If a friend is not in a Hangout, a message appears. Tap **Send invite** to invite them to the Hangout.

## **Hangouts Operations**

### **Ending a Chat**

In Hangouts window, Flick the target chat left/right

### **Ending a Video Chat**

In video chat window, 

### **Disabling Chat History**

In chat window,   **Turn history off**

### **Deleting Chat**

In chat window,   **Delete**  **Delete**

# Using Google Search

---

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

---

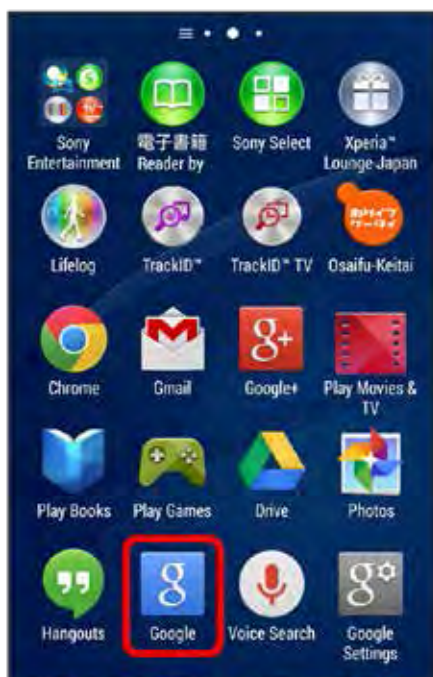
ê Searching

---

## Searching

1

In Home Screen,    (Google)




 Search window opens.

n If confirmation appears, follow onscreen instructions.

n If a description for Google Now appears, Tap **Next** and read information. Tap **YES, I'M IN.** on last page to use Google Now.


Enter search keywords → Tap search result/ 

 Search results appear.

n To search by voice, Tap  and speak words to search with into handset.

## Google Search Operations

### Changing Search Information

In search window,  → **Settings** → **Phone search** → Select where to search (  )


### Using Google Now

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

In search window,  → **Settings** → **OFF** on Google Now → **YES, I'M IN.**

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

### Canceling Google Now

In search window,  → **Settings** → **ON** on Google Now → Select whether to disable Location History → **Turn off**



# Searching for Information by Voice (Voice Search)

---

Search for information on the Internet by voice.

---

[Using Google Voice Search](#)

---

## Using Google Voice Search

1

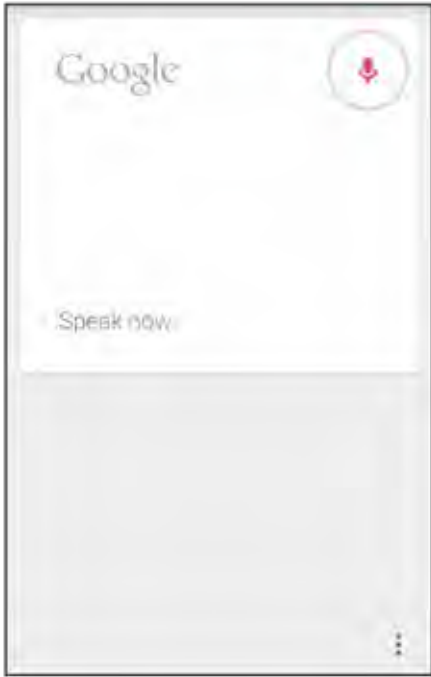
In Home Screen,   (Voice Search)




 Voice search appears.

2

Speak words to search with into handset



 Search results appear.

# Using Calculator

---

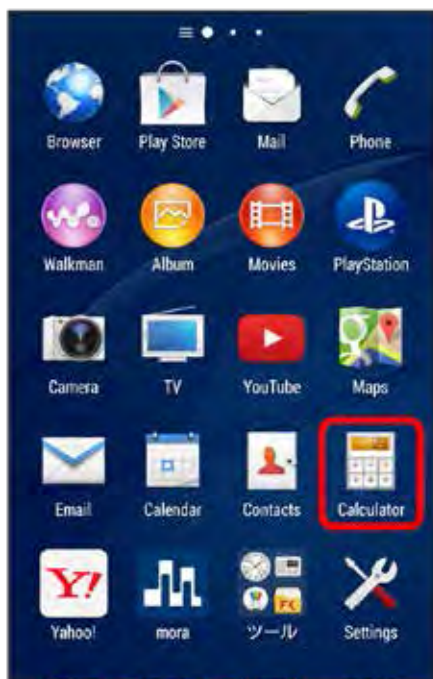
Using Calculator

---

## Using Calculator

1

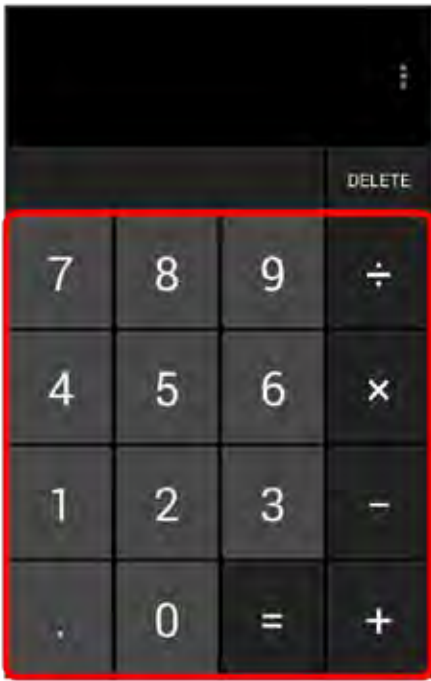
In Home Screen,    (Calculator)




 Calculator appears.


2

Tap onscreen keys for calculation



 Calculation result appears.

### **Calculation Result Operations**

In Calculator, Touch & Hold calculation result  **Cut/Copy/Paste**  
n "Paste" appears when text is saved.

# Using Calendar

---

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

---

ê [Adding Events to Calendar](#)

---

ê [Checking Events](#)


---

ê [Syncing Calendar](#)

---



## + Calendar Operations

### Viewing Today's Calendar

In Calendar, 

---

### Changing Calendar View

Flick right from the left end of Calendar  

---

### Viewing Next/Previous Year (Year View)

In Calendar, Flick left/right

---

### Viewing Next/Previous Month (Month View)

In Calendar, Flick left/right

---

### Viewing Next/Previous Week (Week View)

In Calendar, Flick left/right

---

### Viewing Next/Previous Day (Day View)

In Calendar, Flick left/right

---

### Viewing Next/Previous Time Period (Day/Week View)

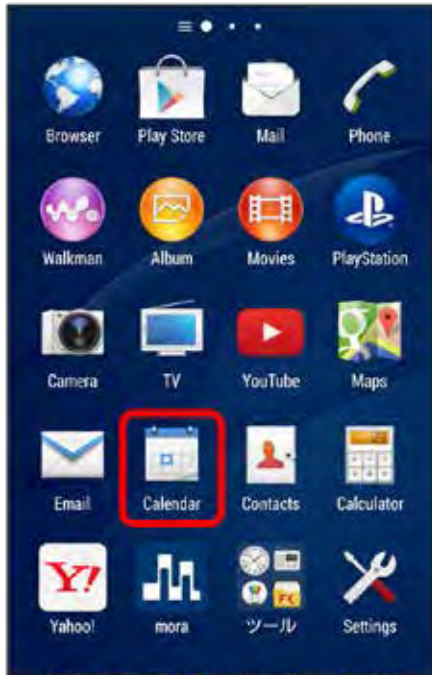
In Calendar, Flick up/down

## Adding Events to Calendar

1

---


In Home Screen,    (Calendar)



 Calendar appears.

2



 Add event window opens.

3

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

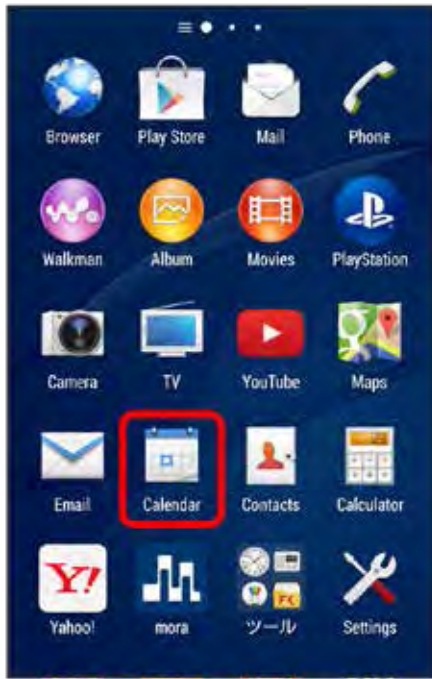



📅 Event is added.

## Checking Events

1

In Home Screen, 🏠 → 📅 (Calendar)



 Calendar appears.



2

Tap date → Tap event



 Event details appear.

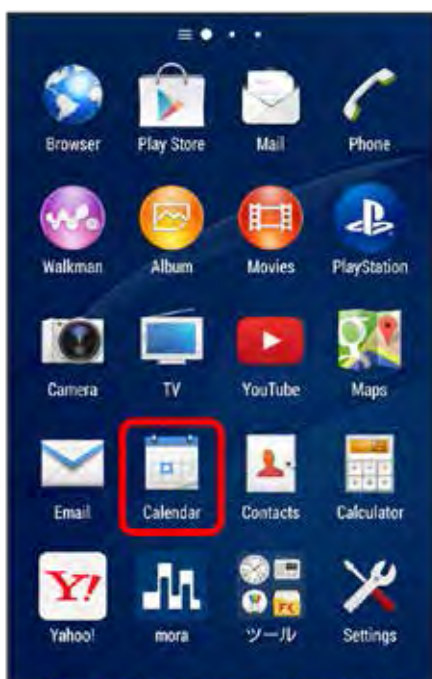



- n In event details, Tap  to edit event.
- n In event details, Tap  to delete event.

## Syncing Calendar

1

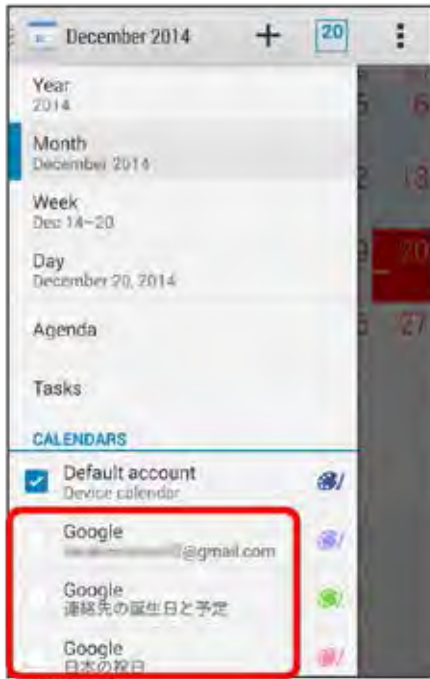
In Home Screen,    (Calendar)



 Calendar appears.

2

Flick right from the left end of Calendar  Tap sync item ()



 Sync setting is changed.

# Using Alarm & Clock

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

[👉 Setting Alarms](#)

[👉 Using World Clock](#)

[👉 Using Stopwatch](#)

[👉 Using Timer](#)

## Setting Alarms


n Settable items are the following.

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

1

In Home Screen,    (ツール)   (Alarm & clock)



 Alarm appears.

## 2



 Alarm setting opens.

3

Set items → Done

Alarm is set.

n To disable Alarms, Tap ON (OFF).

### + Alarm Operations

#### Viewing Desk Clock

In alarm screen, ⋮ → Desk clock

#### Deleting Alarms


In alarm screen, ⋮ → Delete alarms → Tap target alarm (☑) → Delete → Yes

## Using World Clock

1

In Home Screen, ⋮ → ツール → Alarm & clock → World clock



 World clock appears.


2



 City list opens.

3

Tap city to add.



 City is added to world clock screen.

## World Clock Operations

### Setting Home City

In world clock screen,   Set home city  Tap city

### Switching Celsius/Fahrenheit

In world clock screen,   Fahrenheit/Celsius

### Rearranging Cities

In world clock screen,   Rearrange  Drag  up/down  Done

## Deleting

In world clock screen, Touch & Hold city → Yes

# Using Stopwatch

1

In Home Screen,  →  (ツール) →  (Alarm & clock) →  (Stopwatch)




 Stopwatch appears.

2


Start



 Timing starts.

3

Stop

 Time opens.

### Stopwatch Operations

#### Timing Laps



In Stopwatch screen, **Lap** while timing.

#### Resetting Timed Result

In Stopwatch screen, **Reset** after timing.

## Using Timer

1

In Home Screen,    (ツール)   (Alarm & clock)   (Timer)

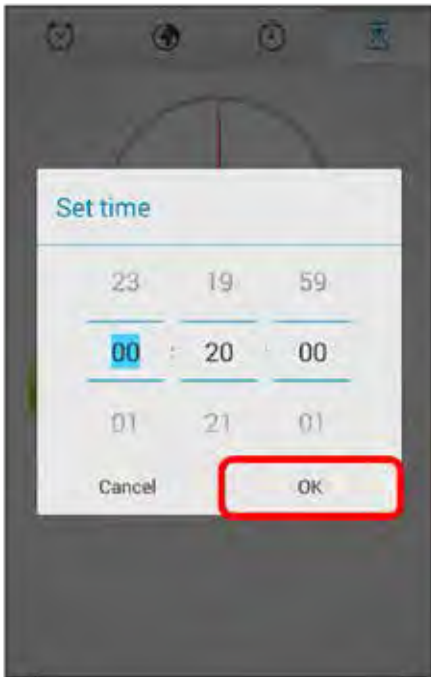




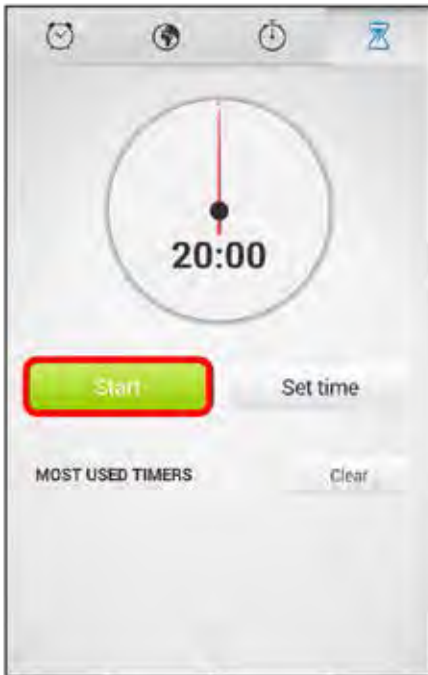
Timer appears.

## 2

Set time → Set time → OK



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

**Start**

 Countdown starts.

n When set time has passed, handset sounds alarm. To stop countdown or alarm, Tap **Stop**.

# Using Twitter

---

Tweet (post messages) and view other people's tweets on Twitter. Login may be required to use Twitter. For details on Twitter, visit the [Twitter website](#).

---

🏠 [Tweeting on Twitter](#)

---

## Tweeting on Twitter

1

---

In Home Screen,    (Twitter)



 Twitter appears.

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

What's happening? → Enter a tweet → Tweet

📷 The tweet is sent and appears on Twitter.

### + **Twitter Operations**

#### **Viewing a Timeline**

In Twitter window, Home

📷 Tweets etc. by user and others following user appear.

#### **Searching Information on Twitter**

In Twitter window, 🔍 → Enter search text → Tap candidate/ 🔍 → Tap target item

# Using Facebook

---

Exchange recent happenings with friends or browse information about companies, organizations, etc. For details on Facebook, visit the [Facebook website](#).

---

🔗 [Sharing Information on Facebook](#)

---

## Sharing Information on Facebook

1

---

In Home Screen,    (Facebook)



 Facebook appears.

n Follow the prompts to enter your Facebook account details and complete sign-in.

# Using YouTube

---

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

---

🏠 Viewing Videos

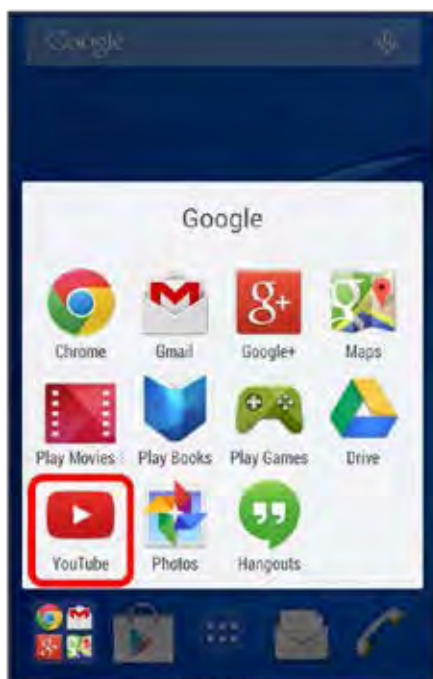
---

## Viewing Videos

1

---

In Home Screen,  (Google)   (YouTube)



 YouTube appears.

n If confirmation appears, follow onscreen instructions.






2



Tap video

 Video plays.

n Tap Display while a video is playing for play/pause.

### **Posting a Video**

Flick right from the left end of YouTube screen  Uploads    Select video 

Enter title etc.  

n If confirmation appears, follow onscreen instructions.

n Set a YouTube account beforehand.

# Listening to Music (WALKMAN®)

🏠 Playing Music

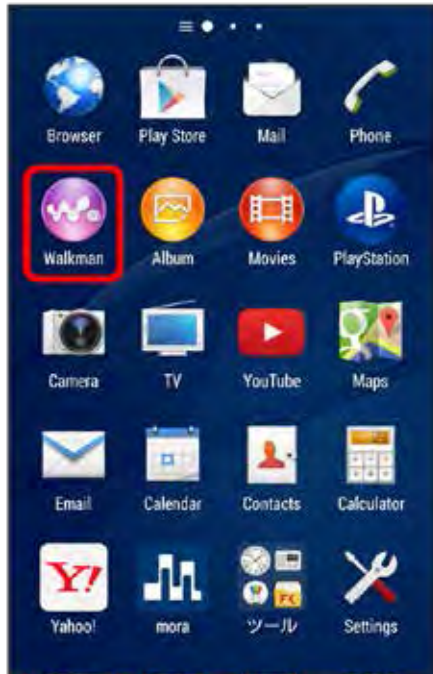
## Playing Music

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

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

1

In Home Screen,    (Walkman)








 Walkman® appears.

n Follow onscreen instructions.






 **Hi-Res Audio**



### Hi-Res Audio Playback

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

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

In Music playback screen, Tap and enable   Settings  Sound effects  Sound effects  DSEE HX() to play back conventional music data at near-Hi-Res Audio Quality. Music data is played back only with a headphone compatible with Hi-Resolution Audio.

# Using PC Files






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

🏠 [Using OfficeSuite](#)

## Using OfficeSuite

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

1

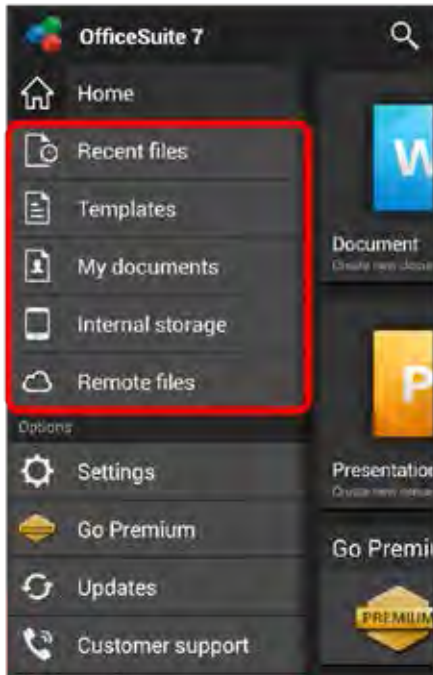
In Home Screen,    (ツール)   (OfficeSuite)



 OfficeSuite appears.

2

Flick right from the left end of OfficeSuite screen → Tap saving destination to show file



3

Tap file

📄 File appears.

# Using NFC/Osaifu-Keitai<sup>®</sup>

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

- ê Preparing to Use Osaifu-Keitai<sup>®</sup>
- ê Preparing to Use NFC
- ê Using This Service
- ê Sending/Receiving Data via Android Beam
- ê Prohibiting Use of NFC/Osaifu-Keitai<sup>®</sup>

## NFC/Osaifu-Keitai<sup>®</sup>

### Osaifu-Keitai<sup>®</sup>

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

### NFC

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

## NFC/Osaifu-Keitai<sup>®</sup> Operations

### Unlocking NFC/Osaifu-Keitai<sup>®</sup>

In NFC/Osaifu-Keitai<sup>®</sup> settings screen, **NFC / Osaifu-Keitai lock** → Enter password → **Next**

 NFC/Osaifu-Keitai<sup>®</sup> lock is disabled ()

### Changing NFC/Osaifu-Keitai<sup>®</sup> Lock Password

In NFC/Osaifu-Keitai<sup>®</sup> settings screen, **:** → **Change password** → Enter current password → **Next** → Enter new password → **Next** → Reenter new password → **Next**

### Disabling Android Beam

In NFC/Osaifu-Keitai<sup>®</sup> settings screen, **Android Beam** ()

 Android Beam is disabled.

n To enable Android Beam, **Android Beam** → **OK** ()

## ? Hints


**Q** Cannot use Osaifu-Keitai®

**A** Is battery low? Charge when battery is low.

**Q** Cannot be scanned

**A** Hold handset for a few seconds. If time held over reader/writer is short, it may fail.

**A** Hold handset level with reader/writer. Alternatively, move handset backwards/forwards or to the left/right and bring it close to reader/writer slowly.

**A** Check the  mark side. If there are metal objects nearby, scanning may fail.

## NFC/Osaifu-Keitai® Operations

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

## Preparing to Use Osaifu-Keitai®

Requires separate subscription to compatible services or initial settings beforehand.

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

1

---

In Home Screen,    (Osaifu-Keitai)




 Osaifu-Keitai® appears.

n If confirmation appears, follow onscreen instructions.

## 2

Tap service to use → OK



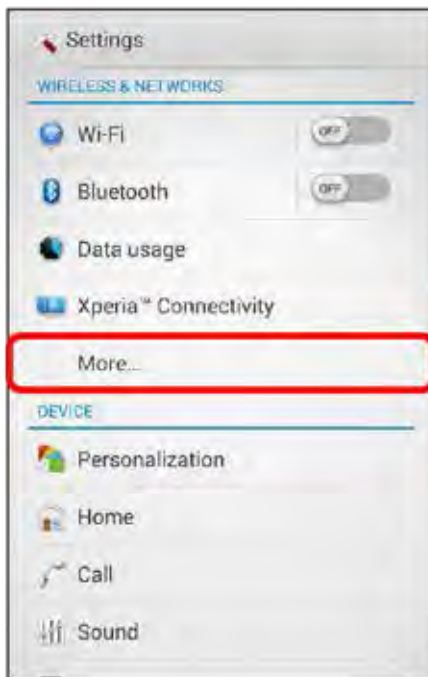
 My Service screen appears.

n Follow onscreen instructions.

## Preparing to Use NFC

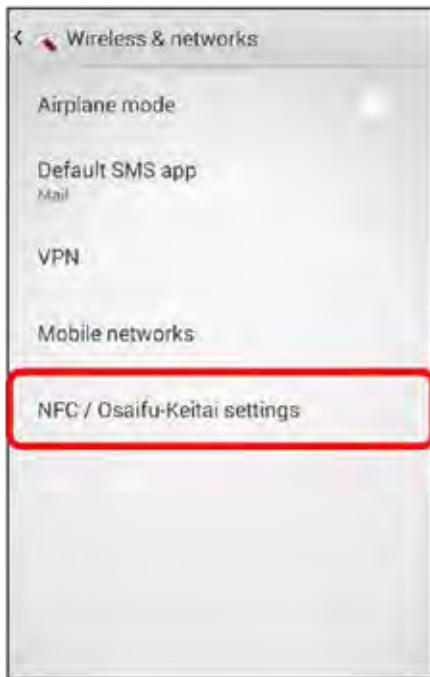
1

In Home Screen,    (Settings)  **More...**



2

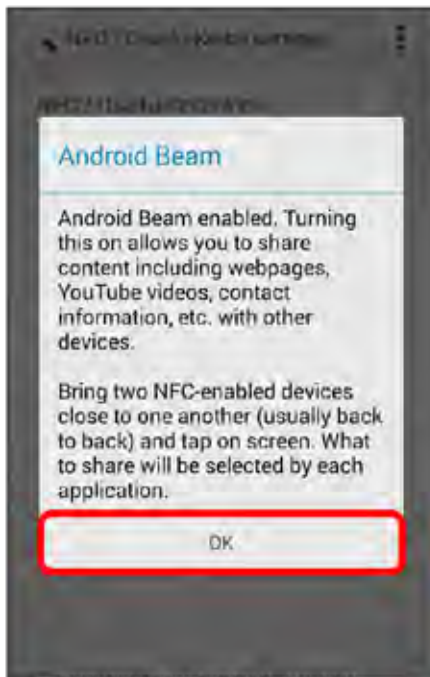
**NFC / Osaifu-Keitai settings**



 NFC/Osaifu-Keitai<sup>®</sup> settings open.

**3**

Reader/Writer, P2P  OK



 Preparing NFC is complete ()



n Android Beam is also available (✓).


## Using This Service

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

1

Bring the  mark close to reader/writer



 Scanning is complete.

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


## Sending/Receiving Data via Android Beam

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


n Some applications cannot use Android Beam.

n Handset cannot communicate with all NFC devices.

1

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


Sample  
(イラスト)

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

2

---

Tap Display to send

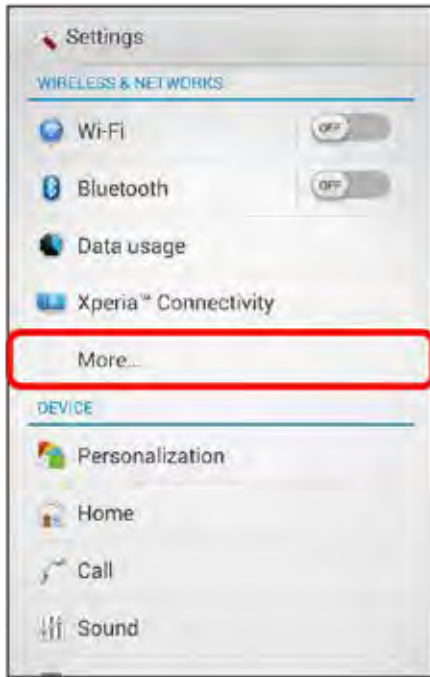
 Handset beeps and the data sending screen appears.

## Prohibiting Use of NFC/Osaifu-Keitai<sup>®</sup>

1

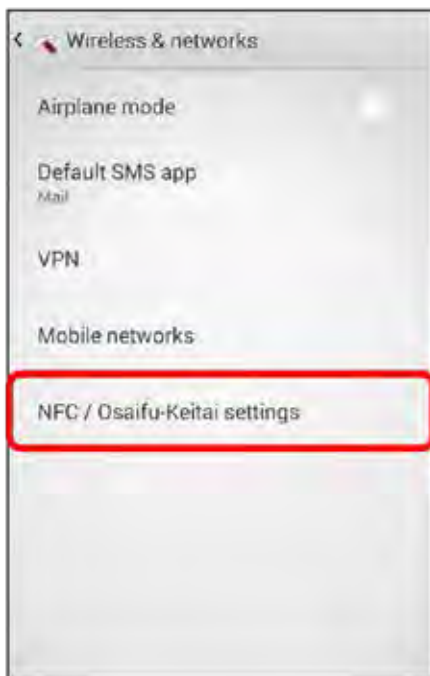
---

In Home Screen,    (Settings)  More...



2

## NFC / Osaifu-Keitai settings



 NFC/Osaifu-Keitai® settings open.

3

## NFC / Osaifu-Keitai lock



 NFC/Osaifu-Keitai® lock opens.

4

Enter password  **Next**
















 NFC/Osaifu-Keitai<sup>®</sup> lock is set.


n When using for the first time, enter password.

## Using Remote Lock via Mail

### Setting Remote Lock via Mail











Set to lock NFC/Osaifu-Keitai<sup>®</sup> via mail when handset is lost/stolen.

In Home Screen,   (Settings)  More...  NFC / Osaifu-Keitai settings   
 Remote Lock via Mail  Enter password  Next  Turn on the mail remote lock ()   
 Registered Mail Address 1/Registered Mail Address 2  Select input method  Enter  
 mail address  Save  OK

 Mail describing how to lock/unlock is sent to saved mail address.

n Tap **Turn on the mail remote lock** to toggle on () / off () .

### Viewing Help of Remote Lock via Mail

In Home Screen,   (Settings)  More...  NFC / Osaifu-Keitai settings   
 Remote Lock via Mail  Enter password  Next    Help

# Connecting to PC via USB

---

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

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[ê Transferring Data between Handset SD Card and PC](#)

---

## Transferring Data between Handset SD Card and PC

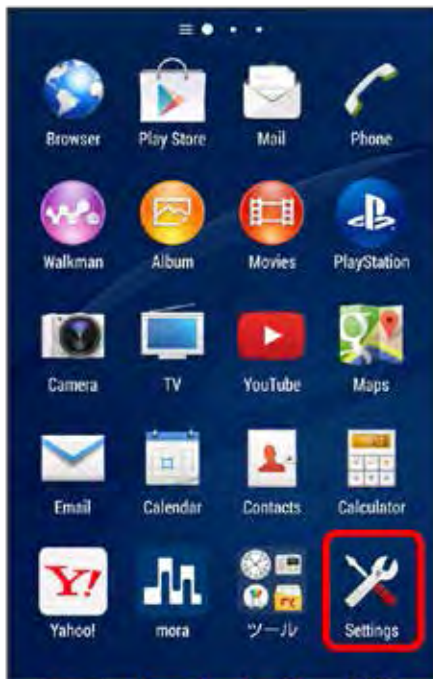
- n Insert SD Card beforehand.
- n Avoid removing Micro USB Cable or SD Card during data transfer.
- n Exchange data with a PC by the following methods. Windows Vista/Windows 7/Windows 8/8.1 are supported. Some PCs may not operate properly.

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

1

---

In Home Screen,    (Settings)



2

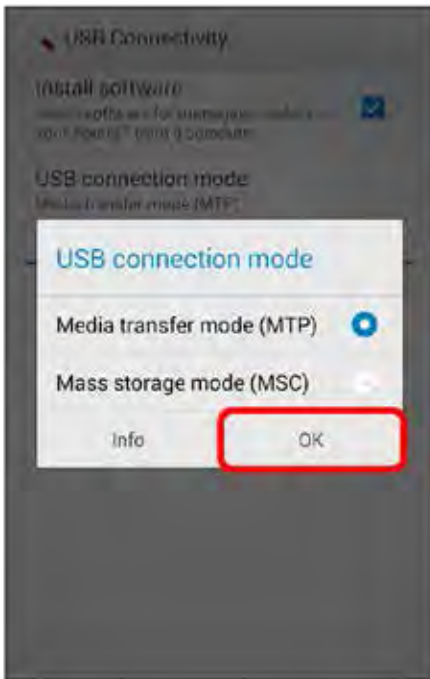
## Xperia™ Connectivity → USB Connectivity



 USB Connectivity settings open.

### 3

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



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

### 4

Connect handset and PC with Micro USB Cable



# Sample

(イラスト)

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

5

---


## Follow instructions on PC screen

 Operating handset data directly from the PC is available.

6

---

## Operate data on PC

 Data is transferred.

# 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.

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👉 [Enabling Wi-Fi](#)

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👉 [Selecting a Network Connection](#)

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👉 [Making Settings Manually for Connecting](#)

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👉 [Disconnecting Wi-Fi](#)

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👉 [Using Wi-Fi Direct](#)

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## Automatic Updates for Optimizing Wi-Fi Connection

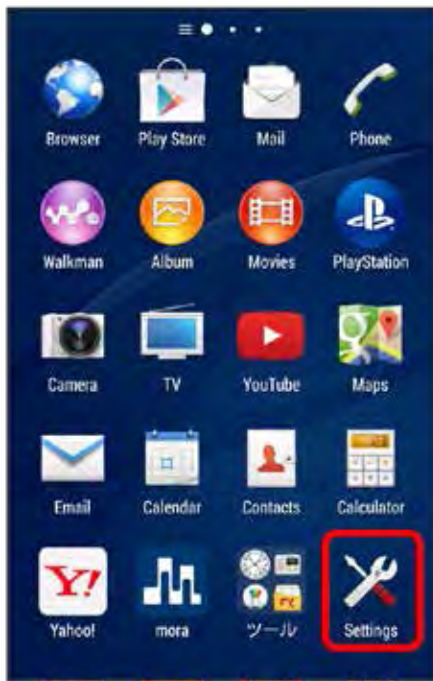
While using Wi-Fi, updates for optimizing connection may be received or applied automatically.

## Enabling Wi-Fi

1

---

In Home Screen,    (Settings)



2



### Wi-Fi



 Wi-Fi settings open.

OFF



 Wi-Fi is enabled (.

n Access points are scanned. Available access points appear after scanning.

n To disable Wi-Fi, Tap **ON** (.

### **Wi-Fi and Mobile Data Traffic**

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

### **Wi-Fi Operations**


#### **Enabling Notification when Open Network Is Available**

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

n Available when **Wi-Fi** is on.

n Tap **Network notification** to toggle on () / off (.

#### **Setting Timing for Pausing Connection**




In Wi-Fi settings,   **Advanced**  **Keep Wi-Fi on during sleep**  Tap setting item

#### **Enabling Scanning with Location Services or Applications while Wi-Fi Is Off**





In Wi-Fi settings,   **Advanced**  **Scanning always available**

n Tap **Scanning always available** to toggle on () / off (.




### Enabling Wi-Fi Only for Stable Connection

In Wi-Fi settings,   Advanced  Avoid poor connections  
n Available when Wi-Fi is on.  
n Tap Avoid poor connections to toggle on () / off () .




### Installing Certificates

In Wi-Fi settings,   Advanced  Install certificates  Follow onscreen instructions




### Enabling Electricity Reduction When Wi-Fi Is On

In Wi-Fi setting window,   Advanced  Wi-Fi optimization  
n Tap Wi-Fi optimization to toggle on () / off () .








### Enabling Auto IP Support

In Wi-Fi settings,   Advanced  Auto IP support  
n Tap Auto IP support to toggle on () / off () .



### Enabling Automatic Connection with Available Passpoint Networks

In Wi-Fi settings,   Advanced  Passpoint  
n If enabling, read onscreen information and Tap OK.  
n Tap Passpoint to toggle on () / off () .



### Setting Passpoint Networks

In Wi-Fi settings,   Advanced  Passpoint networks    Enter passpoint network setting  Save  
n Setting is available when Wi-Fi is ON.

### Checking MAC Address

In Wi-Fi settings,   Advanced  
n MAC address appears below "MAC Address."

### Checking IP Address

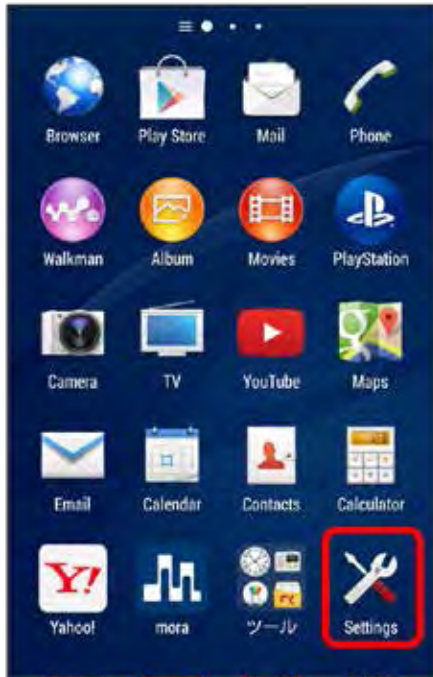
In Wi-Fi settings,   Advanced  
n IP address appears below "IP address."

## Selecting a Network Connection

Select a scanned Wi-Fi network and connect.

1

In Home Screen,    (Settings)



2

## Wi-Fi





 Wi-Fi settings open.


3

OFF



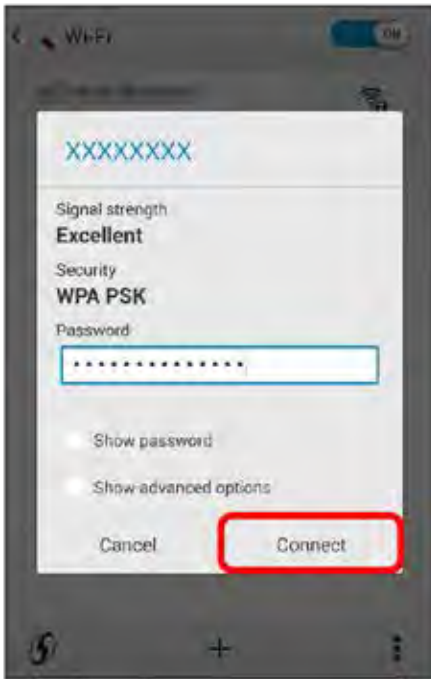
 Wi-Fi is enabled (.


n Access points are scanned. Available access points appear after scanning.

n To disable Wi-Fi, Tap **ON** (.

4

Tap Wi-Fi network  Enter password  **Connect**






 Handset is connected.

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

## **Wi-Fi Operations**

### **Scanning Access Points**




In Wi-Fi settings,   **Scan**

 Available access points appear after scanning.

### **Connecting WPS Devices**

In Wi-Fi settings,   Follow onscreen instructions

### **Connecting with WPS PIN**

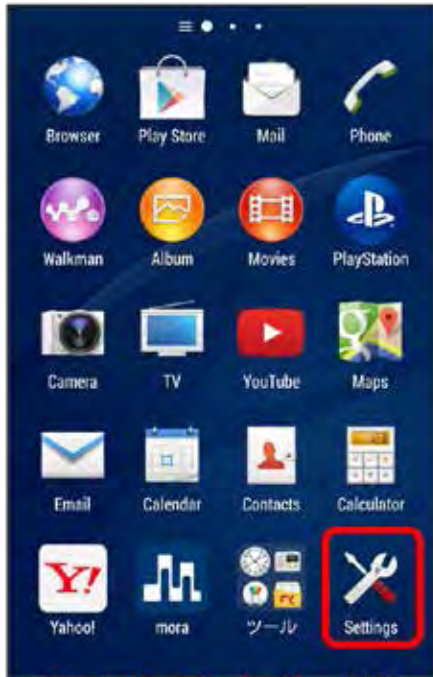
In Wi-Fi settings,   **WPS PIN Entry**  Follow onscreen instructions

## **Making Settings Manually for Connecting**

**1**



In Home Screen,    (Settings)



2

## Wi-Fi





 Wi-Fi settings open.


3

OFF



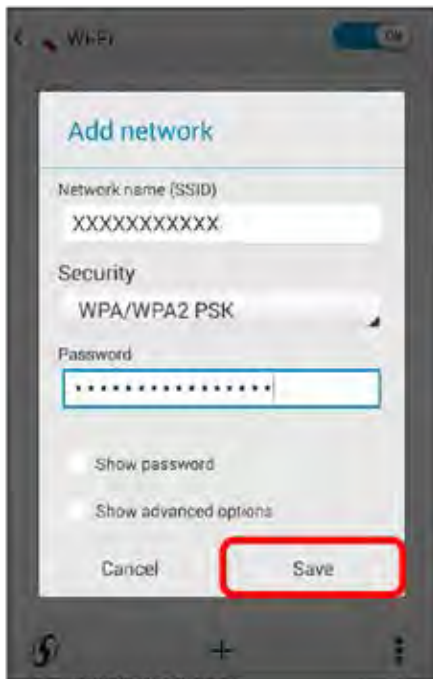
 Wi-Fi is enabled (.


n Access points are scanned. Available access points appear after scanning.

n To disable Wi-Fi, Tap **ON** (.

4

 Enter Wi-Fi network setting  **Save**



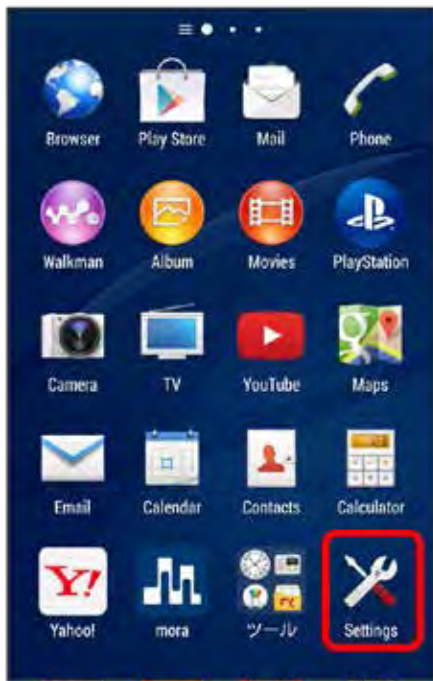
 Handset is connected.

n Entering a password is not required if an access point is not security protected.

## Disconnecting Wi-Fi

1

In Home Screen,    (Settings)



2

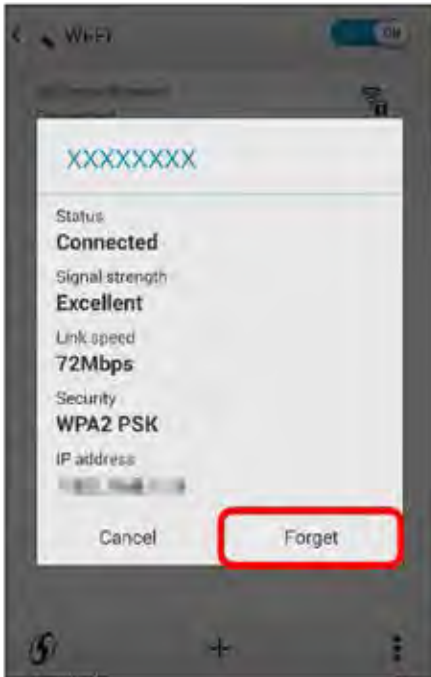
## Wi-Fi



 Wi-Fi settings open.

3

Tap connected access point → Forget



Wi-Fi is disconnected.

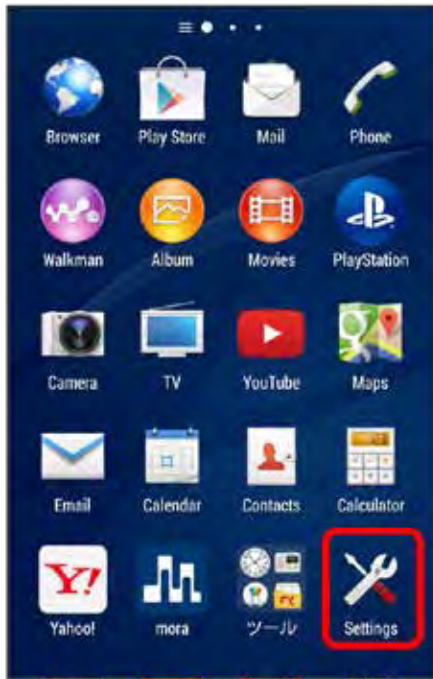
n After disconnecting from an access point connection, the password may need to be entered again to reconnect.

## Using Wi-Fi Direct

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

1

In Home Screen,    (Settings)



2

## Wi-Fi





 Wi-Fi settings open.

3

OFF




 Wi-Fi is enabled ()

4

  Wi-Fi Direct



 Wi-Fi Direct settings open.

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

## 5

Tap device to connect to





 Invitation for connection to other devices is sent.

## 6

---

### Accept invitation for connection to other devices

 Handset is connected via Wi-Fi Direct.

- n If connection is not accepted after a certain period, the connection request is canceled.
- n Tap the connected device and then **OK** to disconnect.

# Using Tethering

ê Tethering

ê Enabling Tethering

ê Checking Use of Tethering

## Tethering

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

n Requires separate subscription.


n Use after confirming that handset is updated to the latest software.

## Enabling Tethering

1

In Home Screen,    (ツール)   (Tethering)





 Tethering window opens.


n If terms of use appear, follow onscreen instructions.

## Checking Use of Tethering

1

In Home Screen,    (ツール)   (Tethering)



 Tethering appears.

2

Help




 Help appears.

**3**

---

Follow onscreen instructions

 A description for each item appears.

 **USB Connection**

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

n When "Install software" screen appears on handset, Tap **Skip** or **Cancel**.

# Using Bluetooth® Function

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

- Using Bluetooth® Function
- Enabling Bluetooth® Function
- Pairing/Connecting Bluetooth® Devices
- Connecting to Paired Bluetooth® Devices
- Sending Data by Bluetooth®
- Receiving Data by Bluetooth®

## ? Hints

**Q** Cannot use Bluetooth®

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

## ! Bluetooth® Function Cautions

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

## Using Bluetooth® Function

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

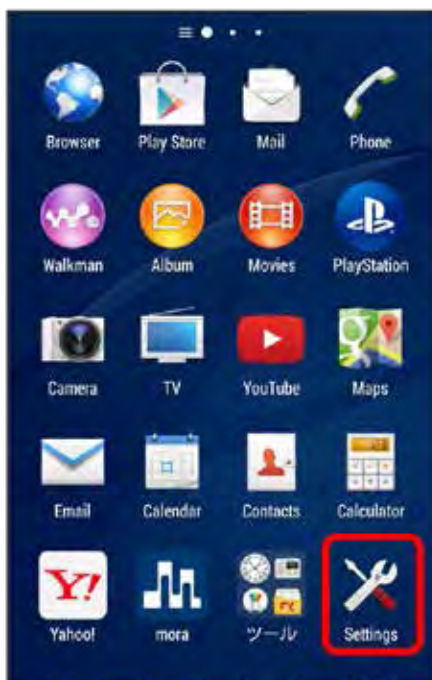
Function	Description
Audio output	Listen to music, etc. wirelessly.
Hands-free calls	Call hands-free, using Bluetooth®-capable hands-free devices and headsets.
Data exchange	Exchange data with Bluetooth® devices.

# Enabling Bluetooth® Function

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

1


In Home Screen,    (Settings)



2

Bluetooth





 Bluetooth® settings open.

### 3

OFF



 Bluetooth® function is enabled ()

n To disable Bluetooth® function, Tap ON (OFF).

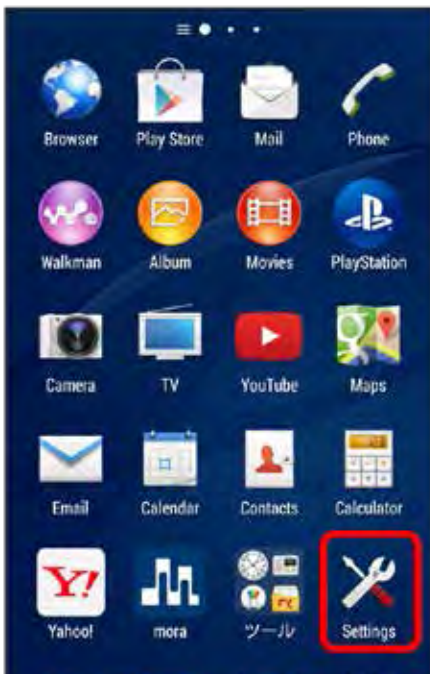
## Pairing/Connecting Bluetooth® Devices

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

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

1

In Home Screen,    (Settings)




2

Bluetooth






 Bluetooth® settings open.

n Nearby Bluetooth® devices appear in "AVAILABLE DEVICES."

n If a target device is not found, Tap **Search for devices** and search again.

**3**

Tap device  Follow onscreen instructions to accept device

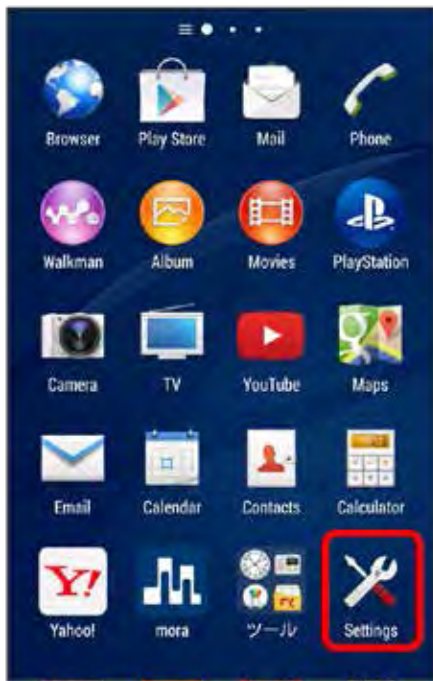
 The Bluetooth® device is paired to handset. Paired Bluetooth® devices appear in "PAIRED DEVICES."

n Methods for accepting differ depending on devices being paired.

## Connecting to Paired Bluetooth® Devices

**1**


In Home Screen,    (Settings)



2

## Bluetooth



 Bluetooth® settings open.

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

## Tap device

 Handset connects to Tapped device.

### + Bluetooth® Operations

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

In Bluetooth® settings, Tap handset name

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

#### Changing Name of Paired Device

In Bluetooth® settings,  for paired device  **Rename**  Enter name  **OK**



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

#### Canceling Pairing

In Bluetooth® settings,  for paired device  **Unpair**

- n Settable when **Bluetooth** is enabled.

#### Enabling Service from Paired Device

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

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

#### Searching for Other Devices

In Bluetooth® settings, **Search for devices**




- n Available when **Bluetooth** is enabled.

#### Changing Handset Name Appearing on Other Device

In Bluetooth® settings,   **Rename phone**  Enter name  **Rename**

- n Available when **Bluetooth** is enabled.

#### Setting Time that Handset Is Discoverable by Other Devices

In Bluetooth® settings,   Visibility timeout  Tap setting item  
n Available when Bluetooth is enabled.  
n Tapping Never time out stops handset from automatically becoming undiscoverable.

### Checking Files Received by Bluetooth® Transfer

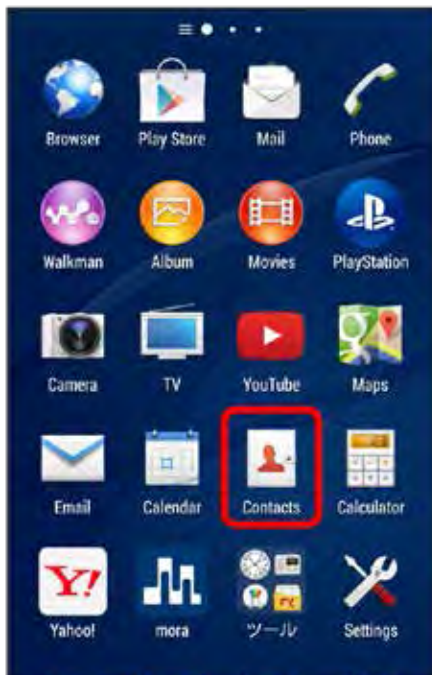
In Bluetooth® settings,   Show received files  Follow onscreen instructions

## Sending Data by Bluetooth®

Contacts data is described as an example.

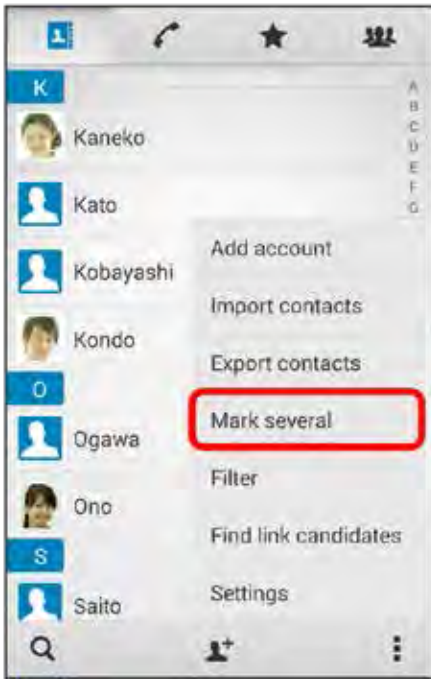
1

In Home Screen,    (Contacts)



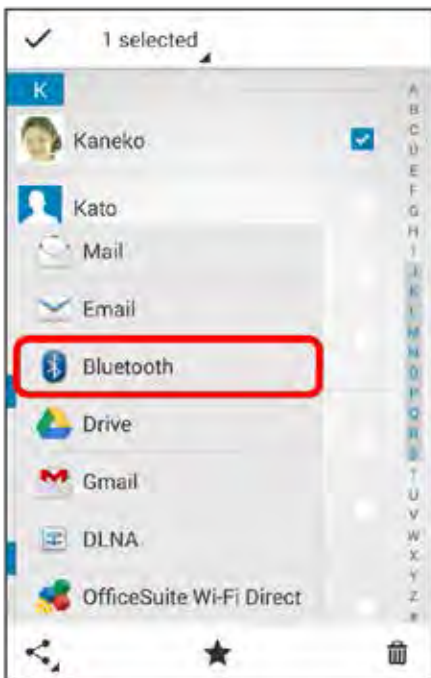
2



  Mark several



### 3

Tap target contact → → Bluetooth




n Tap  to operate, when  appears next to .

4


Tap device



 Data is sent.

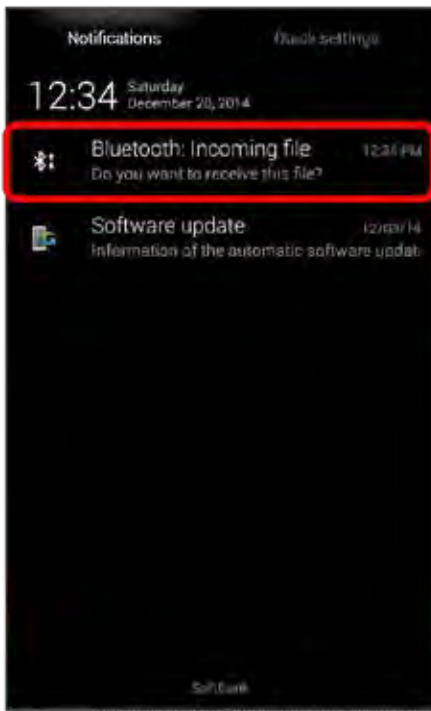
n If confirmation appears, follow onscreen instructions.

## Receiving Data by Bluetooth®

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

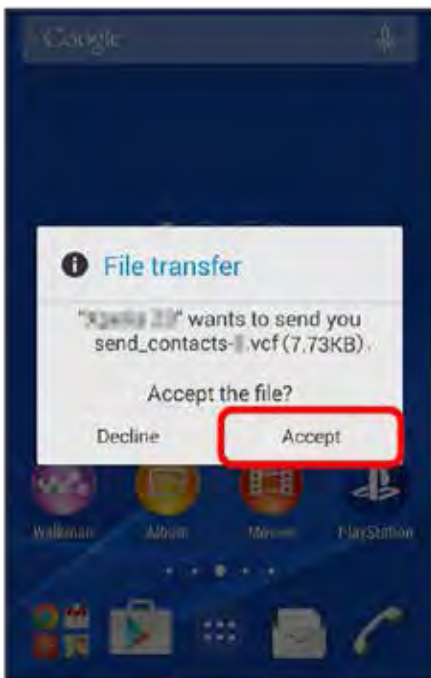
1

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



2

Accept



 Notification appears.

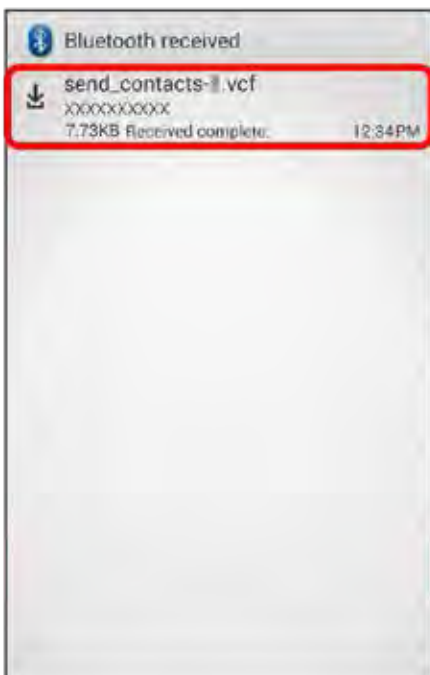
3

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



4

Select the received data





 Supported application is activated.

# Using DLNA Function

---

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

---

⌂ [Enabling DLNA Server](#)

---

⌂ [Playing Media Files in the DLNA Device on Handset](#)

---

⌂ [Playing Media Files in Handset on DLNA Device](#)

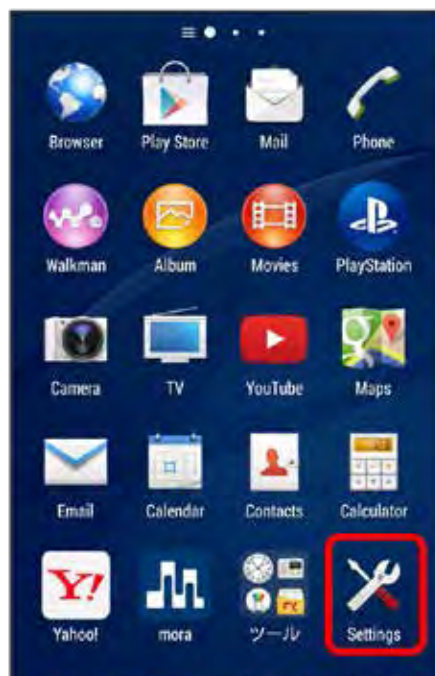
---

## Enabling DLNA Server

1

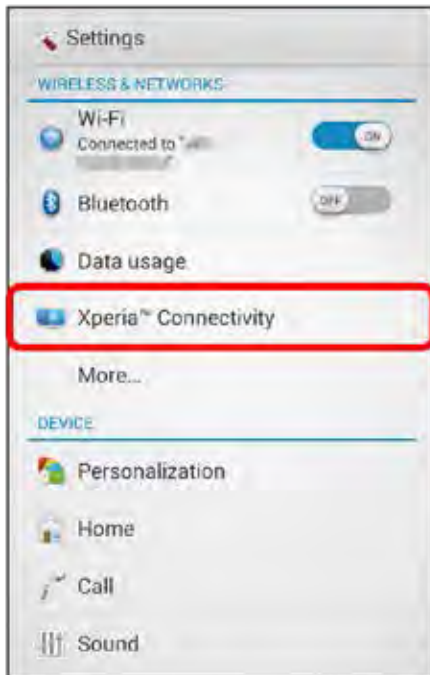
---

In Home Screen,    (Settings)



2


## Xperia™ Connectivity



3

## Media server settings





 Media server settings open.

4

OFF for "Share media"




Media server is enabled (  ).

n To disable Media server settings, Tap ON (  ).

5

Connect to handset with an application on DLNA device

 Access request for media server is notified to handset.


6

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

 DLNA device is added.

n When Tapping **Allow this time**, read information and Tap **OK**.

Select media files on handset from DLNA device and play back

 Media files play.

## Media Server Setting Operations

### Changing Server Name




In Media server settings, **Change server name**  Enter server name  **OK**

### Enabling Permission for Uploading Media Files



In media server settings, **Upload to Xperia™** ()

n Enable to upload media files from DLNA device to handset.

### Changing Saved DLNA Device Names



In Media server settings, Tap saved DLNA device  **Change name**  Enter device name  **OK**

### Changing Access Level of Saved DLNA Device

In Media server settings, Tap saved DLNA device  **Change access level**  Set access level

n When Tapping **Allow this time**, read information and Tap **OK**.

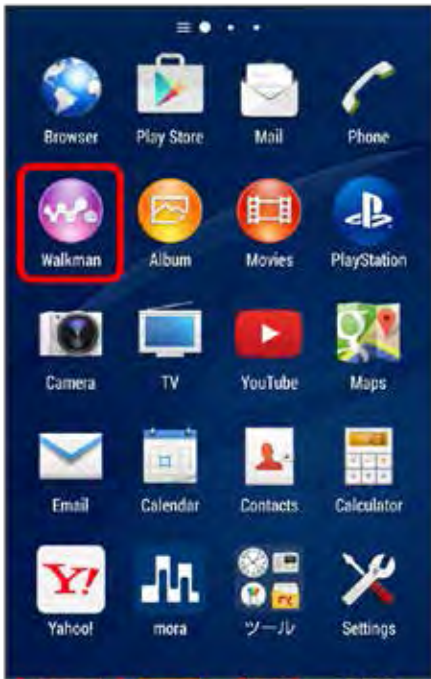
### Deleting Saved DLNA Device

In Media server settings, Tap saved DLNA device  **Delete**  **Delete**



## Playing Media Files in the DLNA Device on Handset

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

In Home Screen,    (Walkman)

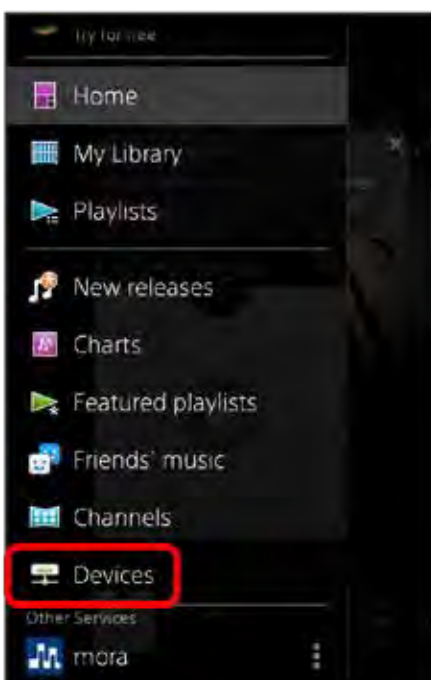


 Walkman® appears.

- n If confirmation appears, follow onscreen instructions.
- n In Launcher, Tap  (Album)/ (Movies) to operate.

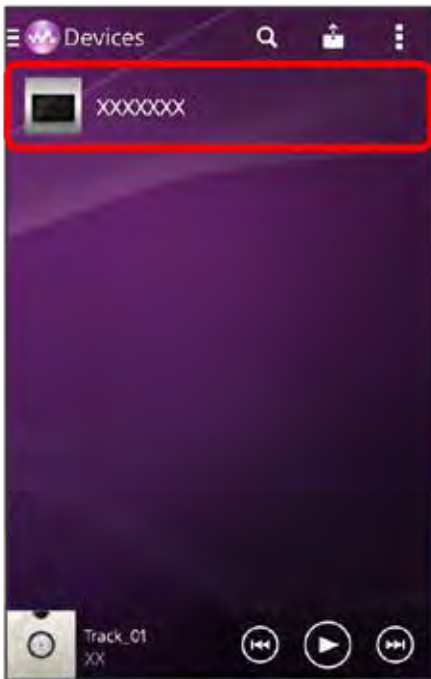
2

Flick right from the left edge of Walkman®  **Devices**



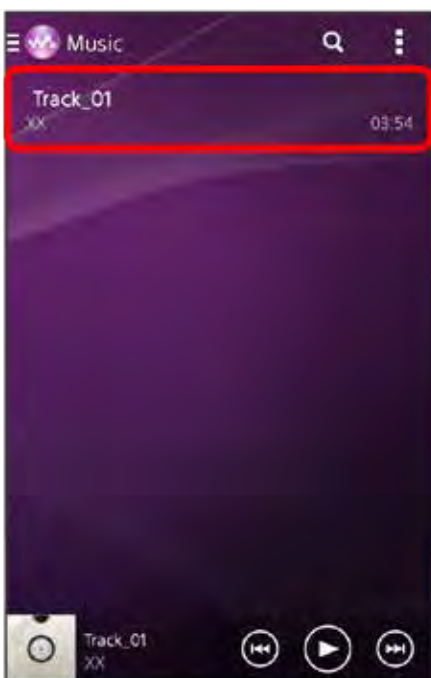
3

Select a device



4

Select a folder → Select a media file



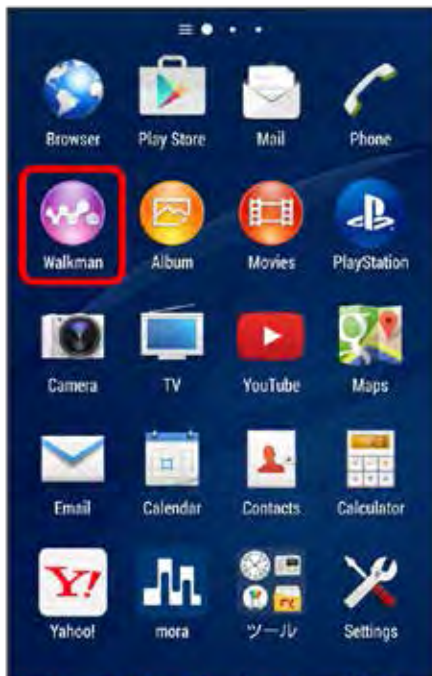
 The media file is played in the DLNA device.

## Playing Media Files in Handset on DLNA Device

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



1

In Home Screen,    (Walkman)



 Walkman® appears.

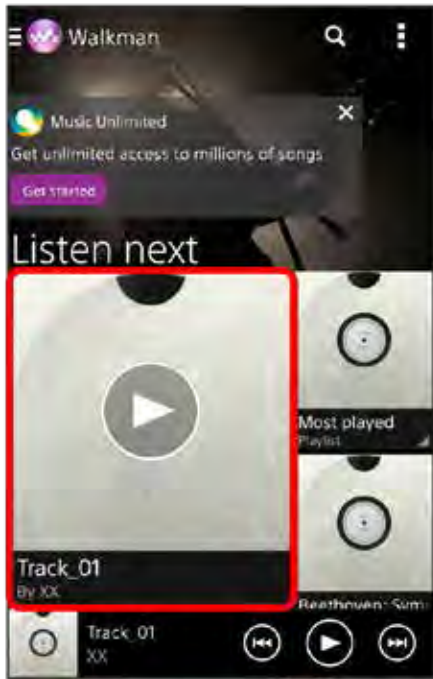
n If confirmation appears, follow onscreen instructions.

n In Launcher, Tap  (Album)/ (Movies) to operate.

2

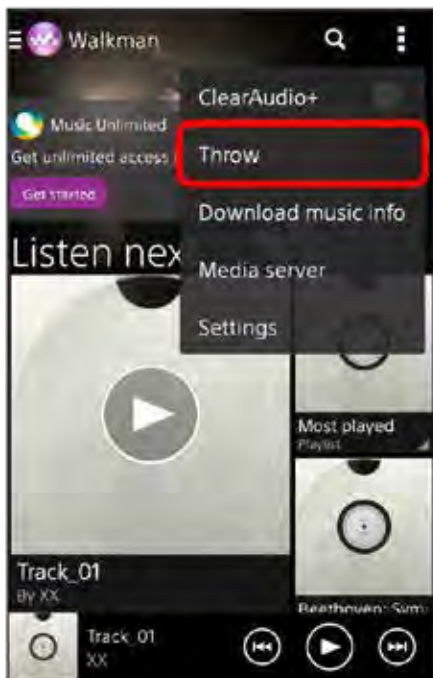
Tap target file





3


→ Throw



n If confirmation appears, follow onscreen instructions.

Tap a device on the device list.



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

# Before Using Handset Abroad

---

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

---

[⌂ Setting the Communications Method](#)

---

[⌂ Setting the Carrier](#)

---

[⌂ Enabling Data Roaming](#)

---

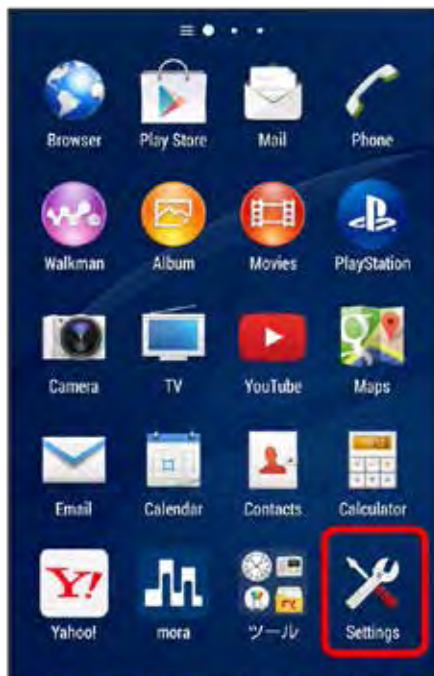
## Setting the Communications Method

Select a communications method for an overseas carrier as needed.

1

---

In Home Screen,    (Settings)



2

---

## More...



3

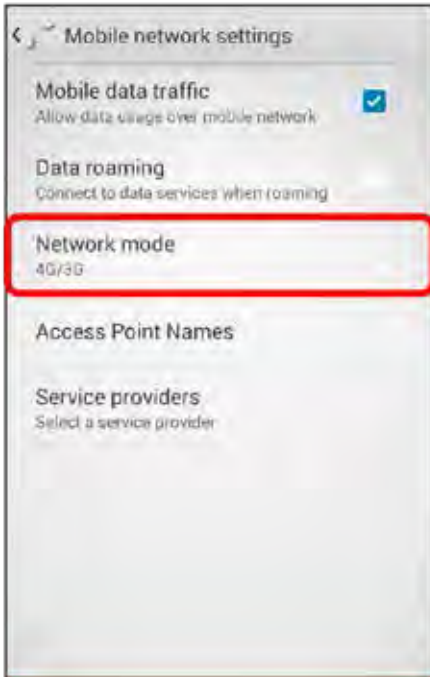
## Mobile networks



 Mobile network settings open.

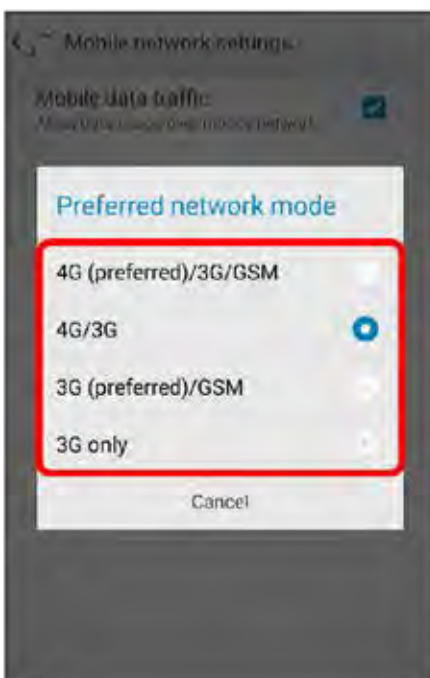
4

## Network mode



5

## Tap a network mode



 The communication's method is set.

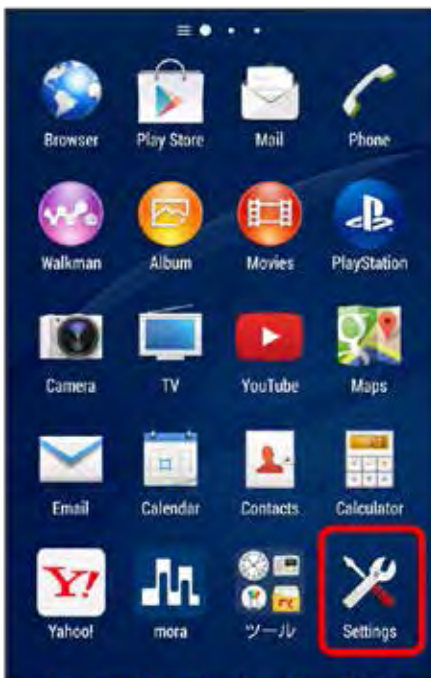
n At time of purchase, **4G/3G** is set. Setting does not need to be changed if using handset in Japan or in an area with only 3G network carriers.

## Setting the Carrier

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

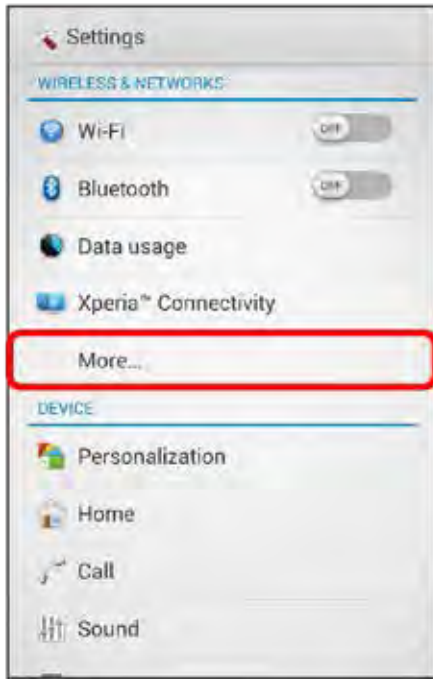
1

In Home Screen,    (Settings)



2

More...



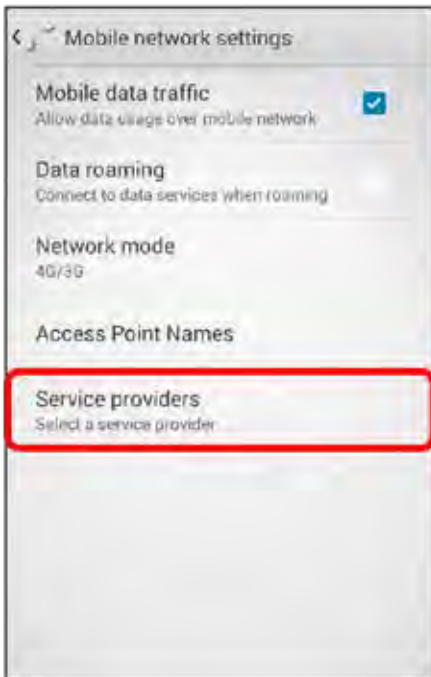
3

### Mobile networks



 Mobile network settings open.

## Service providers



 Service providers list opens.

- n Search networks to show available networks.

## Tap network to connect to

 The selected carrier is set.

- n In Service providers screen, Tap **Search mode** → **Automatic** to connect automatically to an appropriate carrier.
- n In Service providers screen, Tap **Search mode** → **Manual** and select a carrier in AVAILABLE NETWORKS to connect to a specific carrier. If you power on handset again after setting a network operator manually, the network operator may be changed.

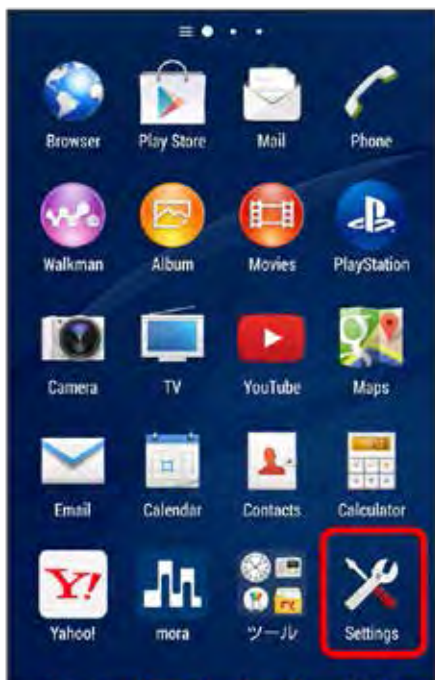
## Enabling Data Roaming

Set data roaming for overseas data communication.



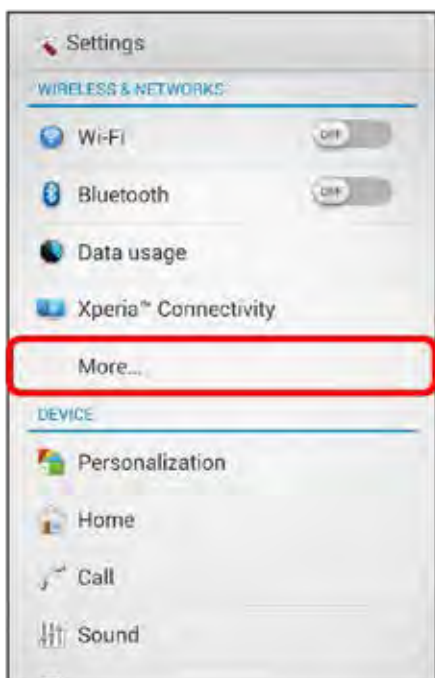
1

In Home Screen,    (Settings)



2


More...



3

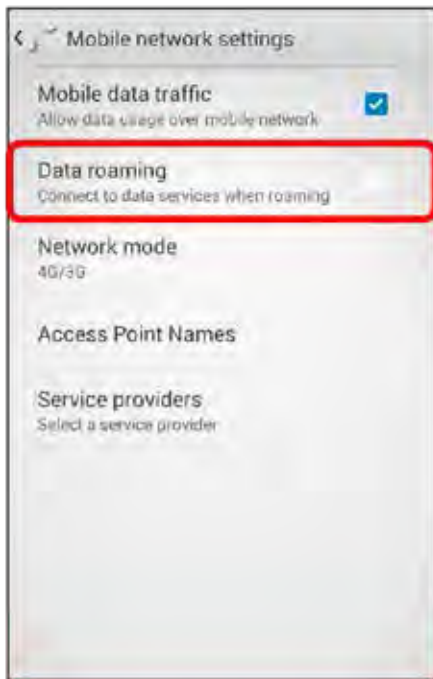
## Mobile networks



 Mobile network settings open.

4


Data roaming (  )



n Tap **Data roaming** to toggle on () / off ()

5

OK

 Data roaming is enabled.

# Making Calls while Abroad

---

Carry "世界対応ケータイ海外ご利用ガイド" overseas.

---

[International Calls to Japan and Other Countries from Abroad](#)

---

[Calls to Landline Phones/Cell Phones in Country of Stay](#)

---

## International Calls to Japan and Other Countries from Abroad

1

---

In Home Screen,  (Phone)



2

Touch & Hold 0+



3

Tap dialpad and omit first 0 from phone numbers when placing international calls



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

4

---



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.

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

1

---

In Home Screen,  (Phone)



2


---

Tap dialpad to enter the other party's number



### 3





 Handset dials number. Call begins when other party answers.

# Handset Settings

 [Handset Settings](#)

## Handset Settings

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

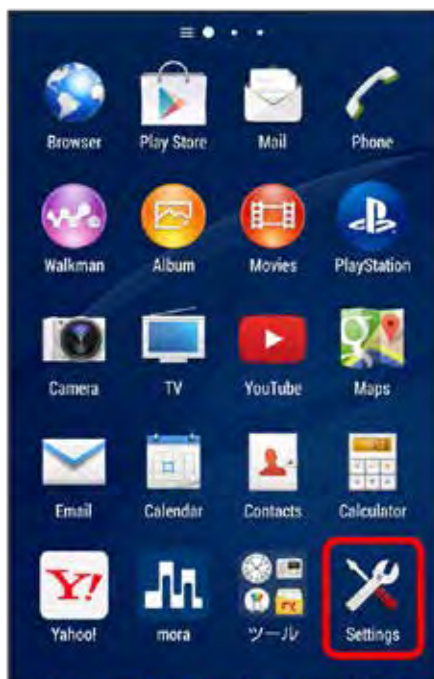
Item	Description
<b>Wi-Fi</b>	Enable Wi-Fi connection. For details, see " <a href="#">Connecting by Wi-Fi.</a> "
<b>Bluetooth</b>	Enable Bluetooth <sup>®</sup> connection. For details, see " <a href="#">Using Bluetooth<sup>®</sup> Function.</a> "
<b>Data usage</b>	Check mobile data traffic and set limit.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




Printing	Set Cloud Print, etc.
About phone	Check handset status.

1


In Home Screen,    (Settings)



 Handset settings open.

2

Set items

 Settings are made.

# Wi-Fi

---

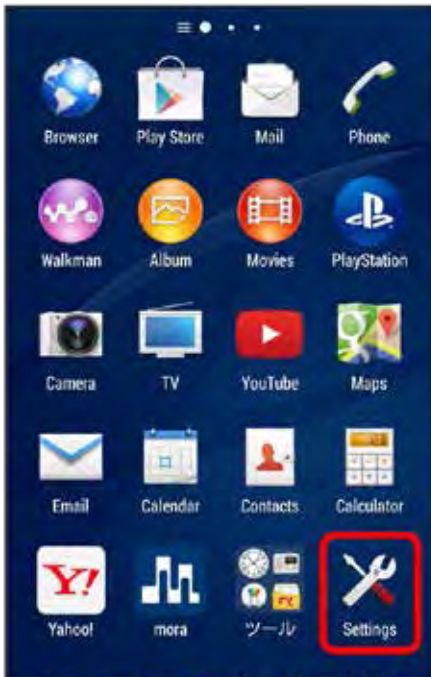
⌂ Wi-Fi

---

## Wi-Fi

1

In Home Screen,    (Settings)



2

Wi-Fi





 Wi-Fi settings open.

### 3

OFF

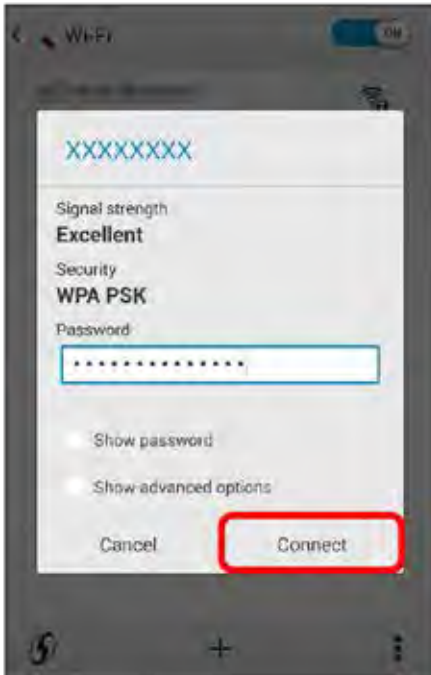


 Wi-Fi is enabled ()

n To disable Wi-Fi, Tap ON (OFF).

## 4

Tap Wi-Fi network → Enter password → Connect



 Handset is connected.

- n 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.
- n Entering a password is not required if an access point is not security protected.
- n For details on Wi-Fi setting, "[Connecting by Wi-Fi.](#)"

# Bluetooth

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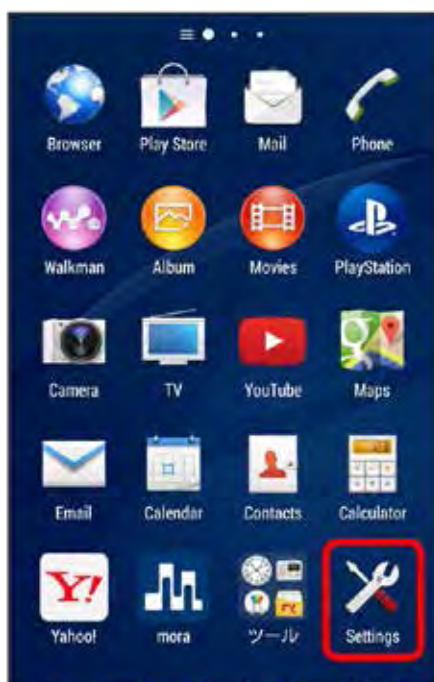
Bluetooth

---

## Bluetooth

1


In Home Screen,    (Settings)



2

Bluetooth





 Bluetooth® settings open.

### 3

OFF



 Bluetooth® function is enabled (.

n To disable Bluetooth® function, Tap ON (OFF).

n For details on Bluetooth® setting, see "[Using Bluetooth® Function.](#)"

# Data usage

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[Data usage](#)

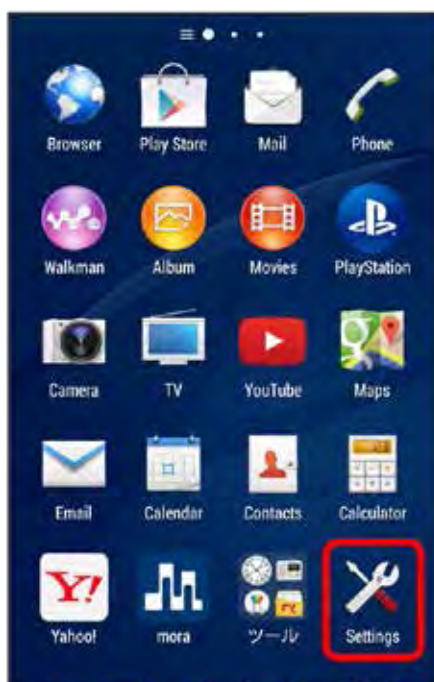
---

## Data usage

Check mobile data traffic and set limit.

1

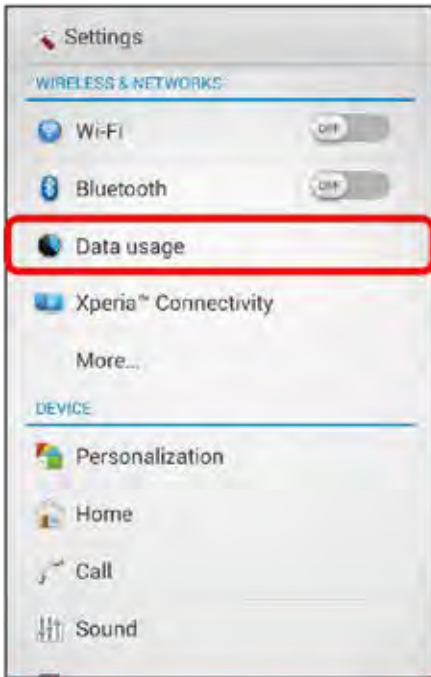
In Home Screen,    (Settings)




2

Data usage





 Data usage window opens.

## Data Usage Operations

### Enabling Mobile Data Traffic

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

- n If confirmation appears, follow onscreen instructions. For details on setting, see ["Enabling Data Roaming."](#)
- n Tap **OFF** to enable, and **ON** to disable.

### Setting Amount for Alert when Data Usage Increases

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




- n Data usage amounts are approximate. Actual amounts may differ.
- n Available when **Mobile data traffic** is on.

### Enabling Restriction on Use of Mobile Data

In data usage screen, **Set mobile data limit**

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

### Setting Data Usage Cycle

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

- n Available when **Mobile data traffic** is on.

### Checking Data Usage for Each Application

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

### Enabling Permission for Data Roaming

In data usage window, ☰ → Data roaming

n Tap Data roaming to toggle on (☑)/off (☐).

n If confirmation appears, follow onscreen instructions.

### Enabling Restriction on Mobile Data Traffic in Background

In data window, ☰ → Restrict background data

n Tap Restrict background data to toggle on (☑)/off (☐).

n If confirmation appears, follow onscreen instructions.

### Setting Auto-sync Data

In data usage window, ☰ → Auto-sync data → OK

n Tap Auto-sync data to toggle on (☑)/off (☐).

### Enabling Restriction on Using Mobile Data with Wi-Fi

In data usage window, ☰ → Show Wi-Fi usage

n Tap Show Wi-Fi usage to toggle on (☑)/off (☐).

n If Show Wi-Fi usage is enabled, "Mobile"/"Wi-Fi" tabs appear at the top of data usage window. Tap "Wi-Fi" tab to make settings for restricting mobile data use with Wi-Fi.

### Restricting Applications from Using Wi-Fi Network in the Background

In data usage window, ☰ → Mobile hotspots → Select Wi-Fi network to restrict applications from using Wi-Fi network.

n Tap item to toggle on (☑)/off (☐).

n Setting is available when Wi-Fi is connected.

# Xperia™ Connectivity

 [Xperia™ Connectivity](#)

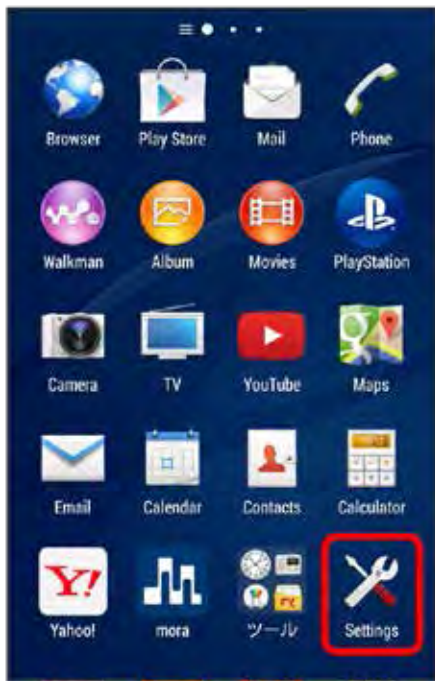
## Xperia™ Connectivity

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

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

1

In Home Screen,    (Settings)



2

## Xperia™ Connectivity




 Xperia™ Connectivity settings open.

3

---

## Set items

 Settings are made.

# More...

⌂ More...

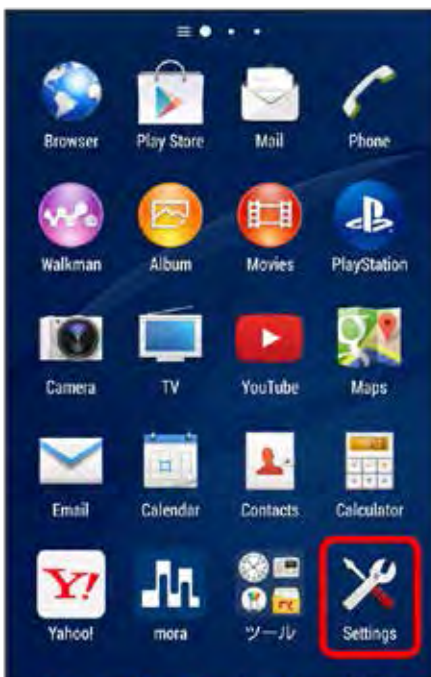
## More...

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

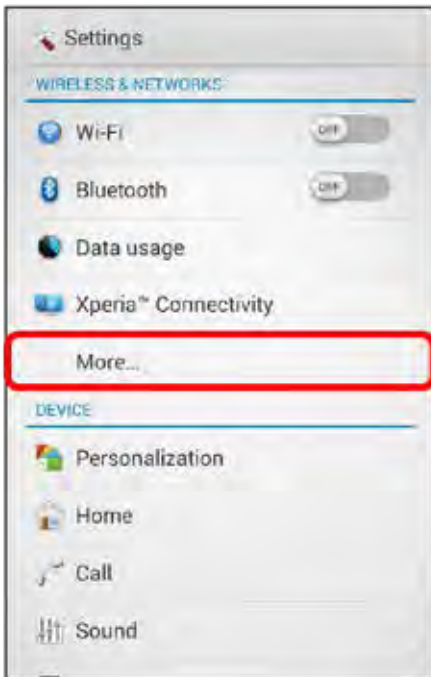
Item	Description
<b>Airplane mode</b>	Disable all settings that emit signals. Handset remains powered on. For details, see " <a href="#">Using Airplane Mode.</a> "
<b>Default SMS app</b>	Set default message application.
<b>VPN</b>	Add a VPN.
<b>Mobile networks</b>	Set a network mode, etc.
<b>NFC / Osaifu-Keitai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

1

In Home Screen,    (Settings)




## More...



 Mobile network settings open.


## Set items

 Settings are made.

### Operations in Wireless & Networks

#### Setting Default SMS Application

In wireless & networks screen, **Default SMS app** → **Hangouts/Mail**

 Default SMS application is set.

#### Setting VPN

To set VPN access from handset, obtain security information from network administrator in advance. For details, visit the website.

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

In wireless & networks screen, **VPN** → **+** → Tap items following instructions of the network administrator → **Set contents** → **Save**

n Set Screen lock beforehand.

### **Enabling/Disabling Mobile Data Traffic**

In wireless & networks screen, **Mobile networks** → **Mobile data traffic**

n If confirmation appears, follow onscreen instructions.

n Tap **Mobile data traffic** to toggle on () / off () .



# Personalization

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 Personalization

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## Personalization

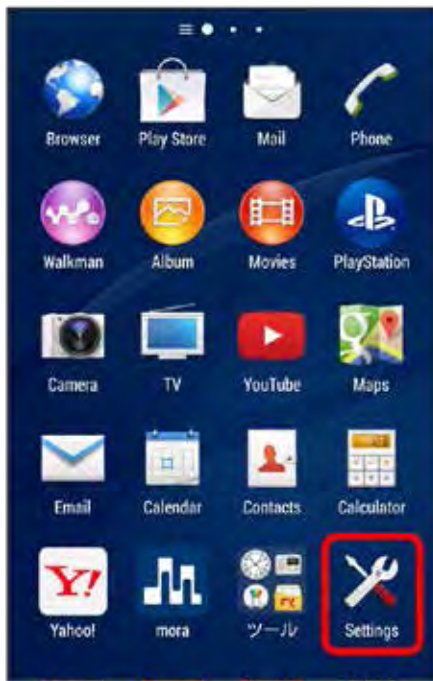
Set Themes, Wallpaper, etc. Settable items are the following.

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

1

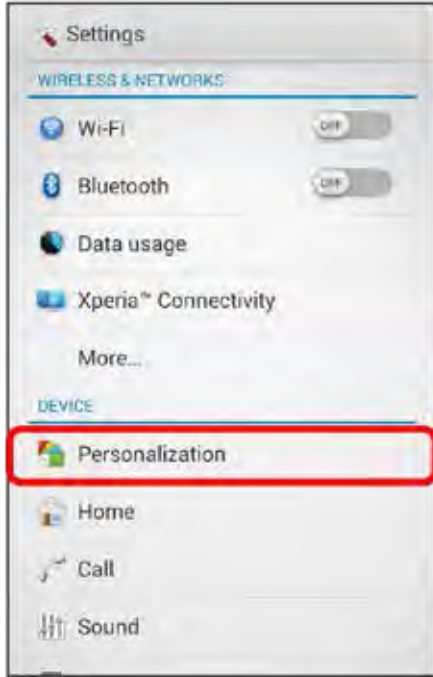
---

In Home Screen,    (Settings)




2

## Personalization



Personalization settings open.

## Set items



 Settings are made.


### Operations in Personalization

#### Enabling Handset Operation with Motion

Enable Answer/Reject/Ringer off with only handset motion instead of touching Display.


In Personalization screen, **Motion** → **Smart call handling** → **OFF**

 Smart call handling is enabled (.

n To disable Smart call handling, Tap **ON** (.

#### Changing Themes

In Personalization screen, **Themes** → Tap theme

n Tap  to download theme from Sony Select.

#### Setting Wallpaper

In Personalization screen, **Wallpaper** → **Album/Live Wallpapers/Photos/Xperia™ wallpapers** → Select image

n If a window for selecting an application appears, follow onscreen instructions.

#### Setting Wallpaper for Lock Screen

In Personalization screen, **Lock screen** → **Album/Xperia™ wallpapers** → Select image

n If a window for selecting an application appears, follow onscreen instructions.

#### Clearing Notifications from Status Bar when Notifications Window Has Been Opened

In Personalization screen, **Clear viewed notifications**

n Tap **Clear viewed notifications** to toggle on () / off (.

#### Setting Applications that Appear on Notifications Window

In Personalization screen, **Manage notifications** → Tap tab → Tap application to appear

n Tap item to toggle on () / off (.

#### Setting Indicators That Appear in Status Bar

In Personalization screen, **Status bar icons** → Tap icon

n Tap item to toggle on () / off (.

# Home

---

Home

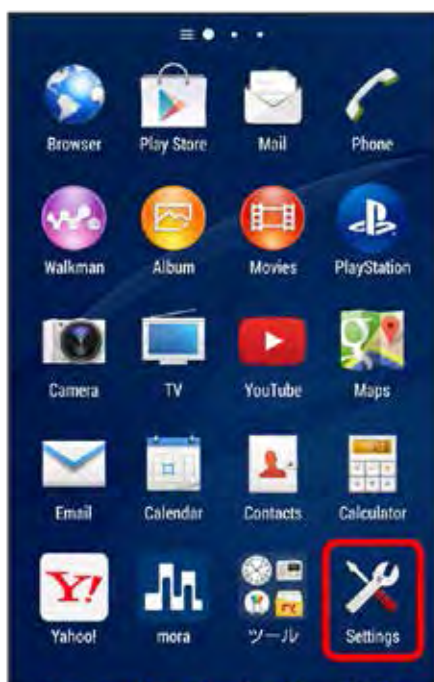
---

## Home

Switch Home application.

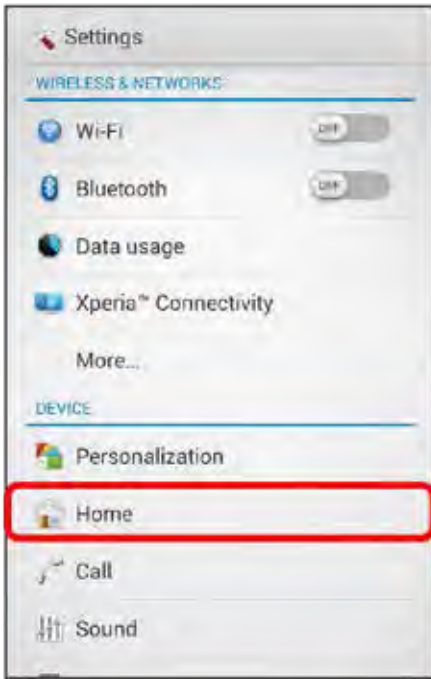
1

In Home Screen,    (Settings)



2

Home



 Home selection opens.

### 3

Simple Home → OK → OK

 Home applications switch.

n To switch to Xperia™ Home, in Simple Home screen, Tap Settings → Exit Simple Home → OK.

# Sound

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ê Sound

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## Sound

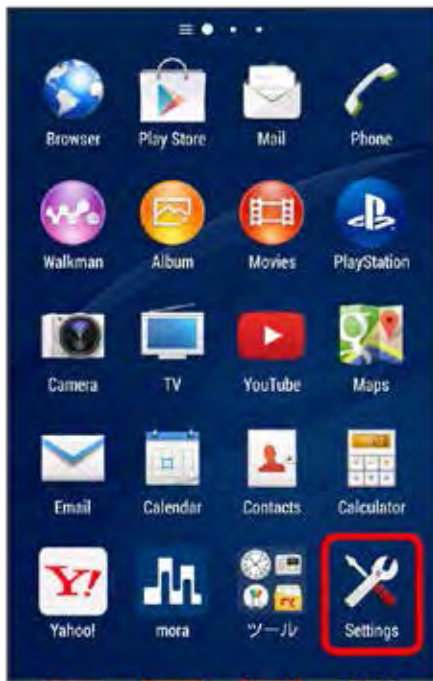
Set ringtone, operation tones, etc. Settable items are the following.

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

1

---

In Home Screen,    (Settings)



2

## Sound




 Sound settings open.

# 3

---

## Set items

 Settings are made.



# Display

⌕ Display

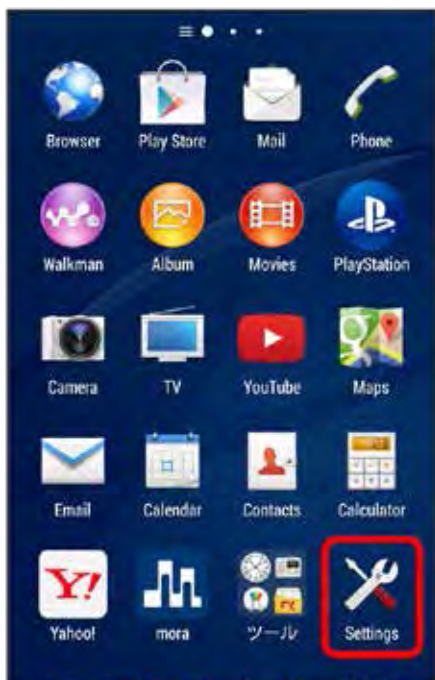
## Display

Set brightness etc. Settable items are the following.

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

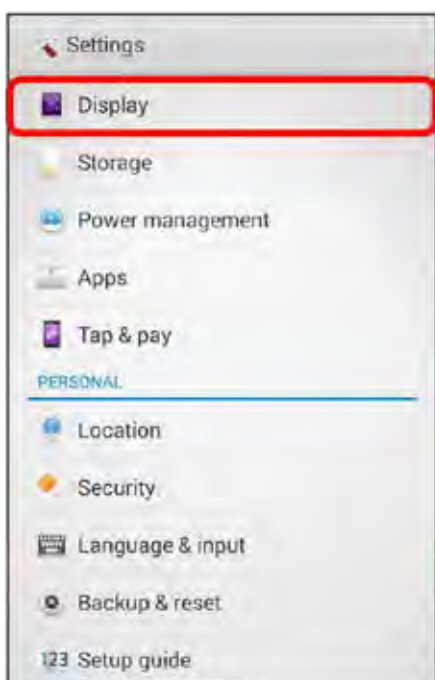
1


In Home Screen,    (Settings)



2

## Display




 Display settings open.

3

---

Set items

 Settings are made.

# Storage

Storage

## Storage

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

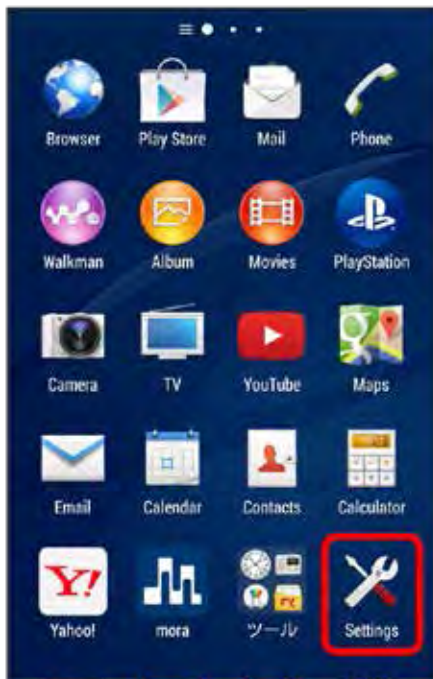
Item	Description
<b>Total space</b>	Check total space/free space on handset memory and SD Card.
<b>Unmount SD Card<sup>1</sup></b>	Cancel recognition of SD Card for safe removal. For details, see " <a href="#">Unmounting SD Card.</a> "
<b>Mount SD card<sup>1</sup></b>	Recognize SD Card.
<b>Erase SD card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

1 Shown items depend on the recognition of SD Card or USB storage.

2 Transfer files only in the specified folder on handset memory to SD Card.

1

In Home Screen,    (Settings)




2

## Storage




 Storage window opens.


## Check/Tap items

 Check handset and SD Card memory space.

### **USB Storage Operations**




#### **Connecting USB Storage**

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

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

n For details on connection with External Device Port, visit "[Charging with AC Charger](#)."

#### **Unmounting USB Storage**


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

n Always unmount USB storage beforehand.

#### **Mounting USB Storage**



Mount USB storage again.

In Storage screen, **Mount USB storage**

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

#### **Formatting USB Storage**

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

Connect USB storage and, in Storage screen, **Clear USB storage**  **Clear USB storage**  **Erase everything**

n Formatting erases all data on USB storage. Carefully check any USB storage that was used on another device before formatting.

n Charge Battery while formatting, or format with adequate battery charge.

# Power management

 Power management

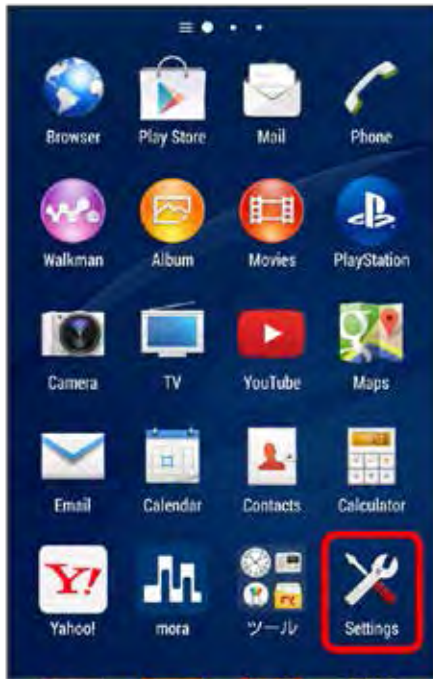
## Power management

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

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

1

In Home Screen,    (Settings)



2

## Power management



 Power management settings open.



3

---

### Tap items

 Check Battery condition.

# Apps

⌂ Apps

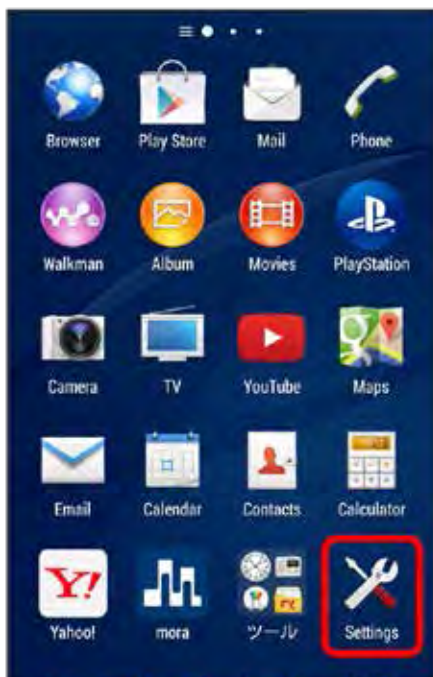
## Apps

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

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

1

In Home Screen,    (Settings)



2

## Apps




 Apps confirmation opens.

3

---

## Tap items

 Check applications.

# Tap & pay

---

⌂ Tap & pay

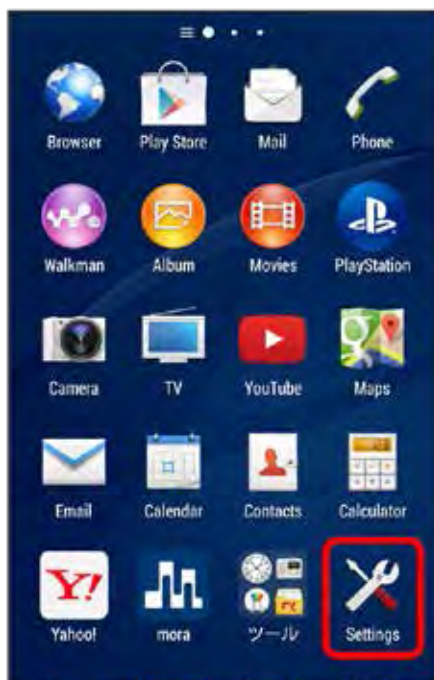
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## Tap & pay

Manage billing information on cloud and handset with supported applications.

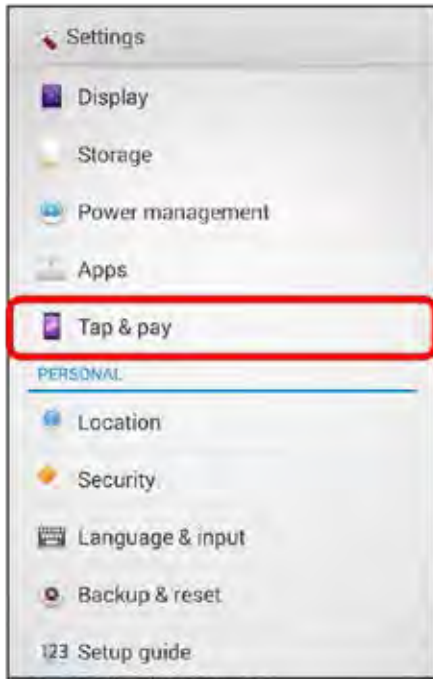
1

In Home Screen,    (Settings)



2

Tap & pay



🚩 Tap & pay window opens.

# Location

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---

## 📍 Location

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### GPS

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

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

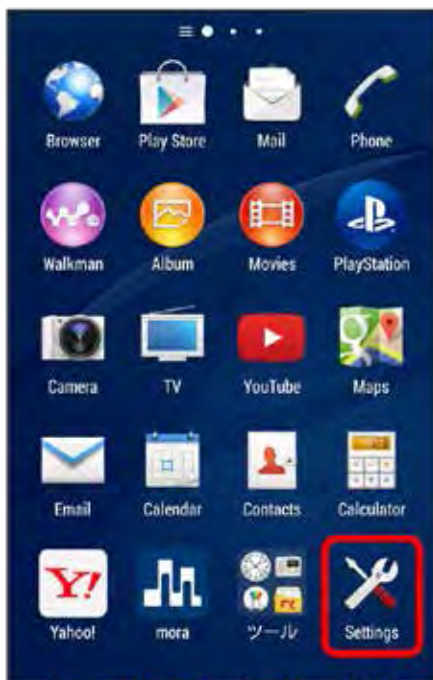
# Location

Enable location information. Settable items are the following.

Item	Description
Location	Enable wireless network and GPS for obtaining current location information.
Mode	Set a mode to identify location information.
RECENT LOCATION REQUEST	Show applications to recently used location.
LOCATION SERVICES	Enable applications to use location.

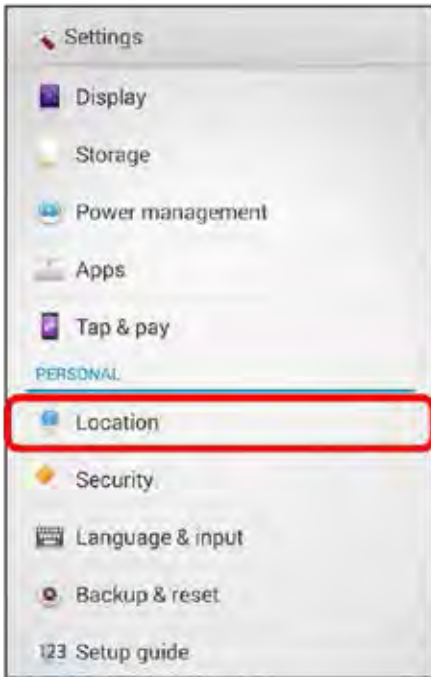
1


In Home Screen,    (Settings)



2

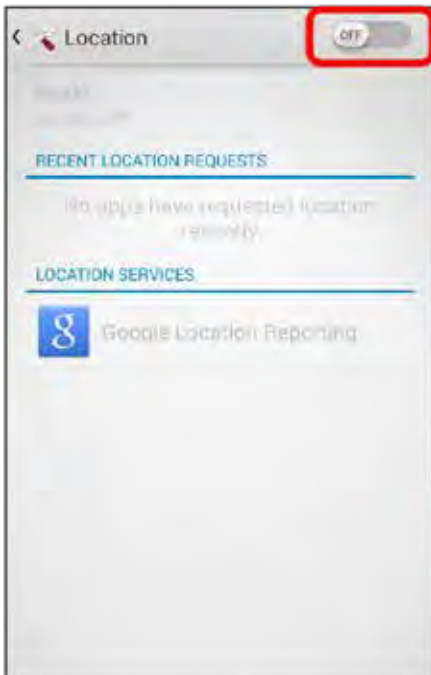
Location



 Location settings open.

**3**

**OFF** for "Location"



 Location is **ON** ()




n If confirmation appears, follow onscreen instructions.

4

---

## Set items

 Settings are made.


# Security

🏠 Security

## Security

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

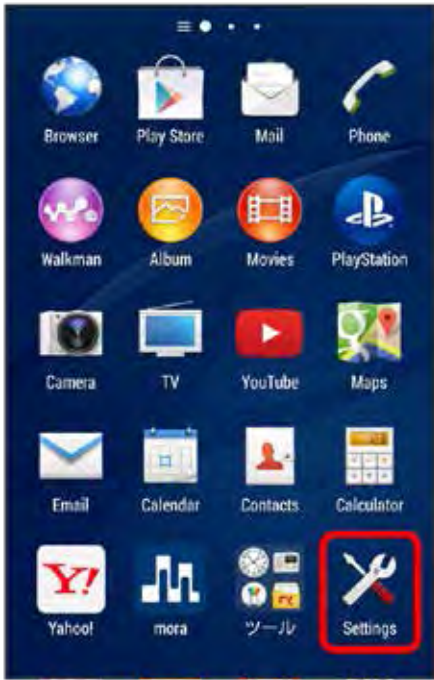
n Shown items depend on the setting for **Screen lock**.

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

	Card.
<b>Clear credentials</b>	Delete all certificates.

1

In Home Screen,    (Settings)



2


Security



 Security settings open.

3

## Set items

 Settings are made.

### Security Operations

#### Setting Screen Not to Lock

In security settings, **Screen lock** → **None**

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

#### Unlocking Screen by Swiping on Screen

In security settings, **Screen lock** → **Swipe**

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

#### Unlocking Screen with Bluetooth® Devices

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

n Enable the Bluetooth® devices to be paired beforehand.

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

### Setting Distance to Unlock in Bluetooth Unlock

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

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

### Unlocking Screen with Face Recognition

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

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

### Unlocking Screen by Tracing Pattern

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

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

### Unlocking Screen with PIN

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

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

### Unlocking Screen with Password

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

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

### Showing Owner Information in Lock Screen

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

n Tap **Show owner info on lock screen** to toggle on () / off () .

n Enter owner information to be shown after enabling **Show owner info on lock screen**.

# Language & input

 Language & input

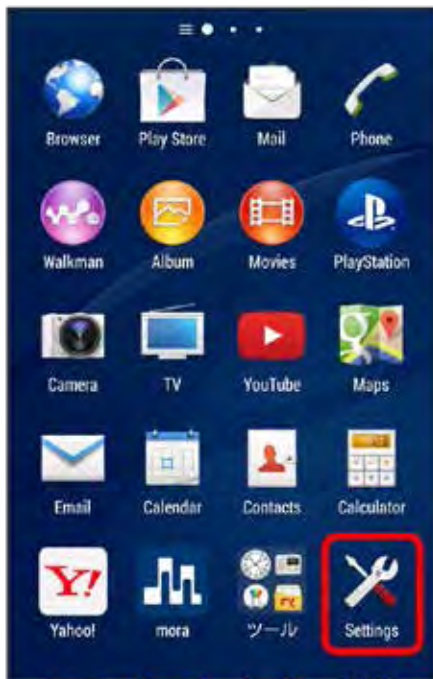
## Language & input

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

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

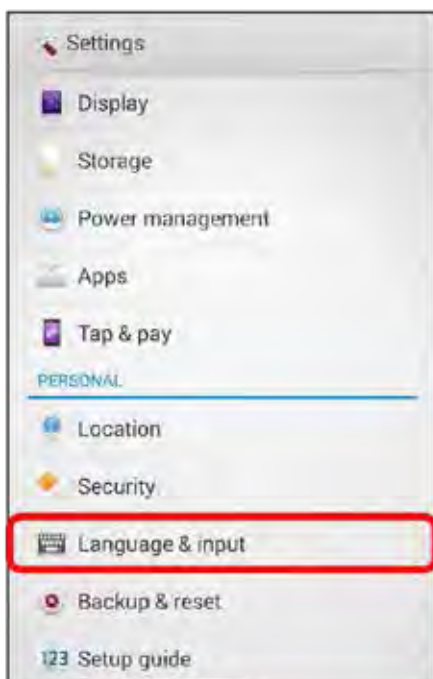
1

In Home Screen,    (Settings)




2

## Language & input



 Language & input settings open.

## Set items

 Settings are made.

### **Language & Input Operations**

#### **Setting the Display Language**

In Language & input screen, **Language**  Tap item  **OK**

#### **Setting Input Method**

In Language & input screen, **Default**  Tap input method



#### **Enabling Google Voice Typing**

In Language & input screen, **Google voice typing**  
n Tap **Google voice typing** to toggle on () / off ()

#### **Setting Google Voice Search**

In Language & input screen, **Voice Search**  Tap setting  Follow onscreen instructions

#### **Setting Text-to-speech**

In Language & input screen, **Text-to-speech output**  Tap item  Follow onscreen instructions

n Text-to-speech engine is not available in Japanese.

#### **Setting Speed of Pointer for Mouse/Trackpad**

In Language & input screen, **Pointer speed**  Drag on bar to adjust speed  **OK**



# Backup & reset

⌂ Backup & reset

## Backup & reset

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

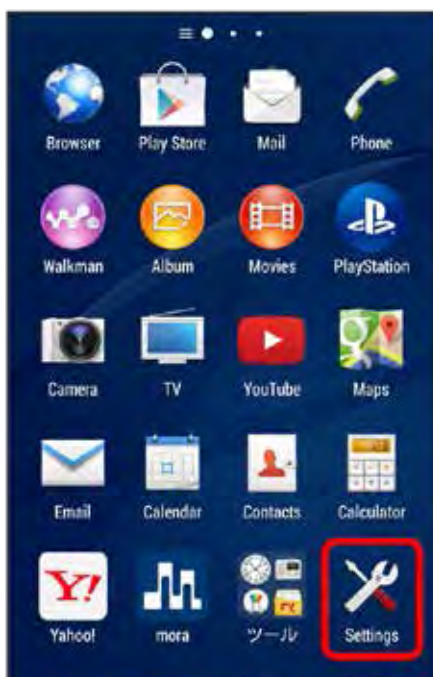
Item	Description
Back up my data	Enable backup for application data, etc.
Backup account	Check the account used for backing up data.
Auto restore	Enable restoring of backed-up settings or data when reinstalling application.
Factory data reset	Initialize handset data.

n Initializing handset erases all data on handset. It is recommended that you back up important data beforehand.

n Erased information cannot be restored. Erase after checking adequately.

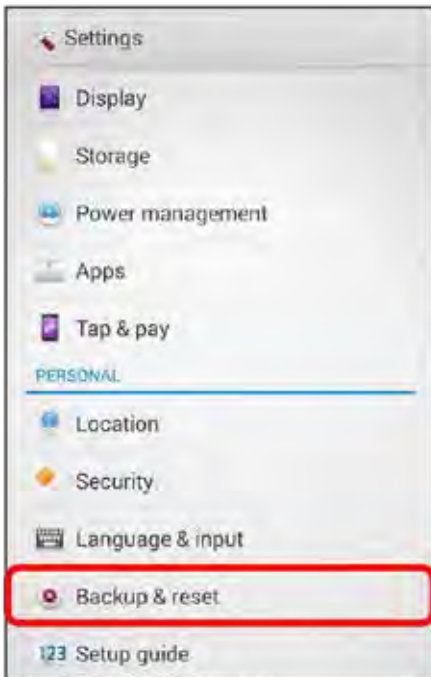
1

In Home Screen,    (Settings)



2


## Backup & reset



 Backup & reset settings open.

3

## Set items

 Settings are made.


### Operations in Backup & Reset

#### Backing Up Data

In Backup & reset screen, **Back up my data**

- n If confirmation appears, follow onscreen instructions.
- n Tap **Back up my data** to toggle on () / off ()

#### Setting Backup Account

In Backup & reset screen, **Backup account**  Select account

- n Settable when **Back up my data** is enabled.

#### Enabling Automatic Restore

In Backup & reset screen, **Automatic restore**

- n Tap **Automatic restore** to toggle on () / off ().
- n Settable when **Back up my data** is enabled.

### **Resetting Handset**

- In Backup & reset screen, **Factory data reset** → **Reset phone** → **Erase everything**
- n Recognition is required before resetting depending on the setting for unlock method.
  - n Tap **Erase internal storage** () when resetting handset containing user data.

# Setup guide

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[⌂ Setup guide](#)

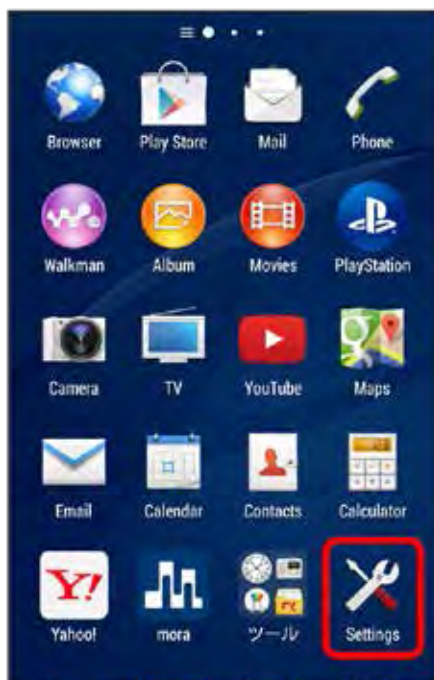
---

## Setup guide

Make initial settings on functions, services, etc.

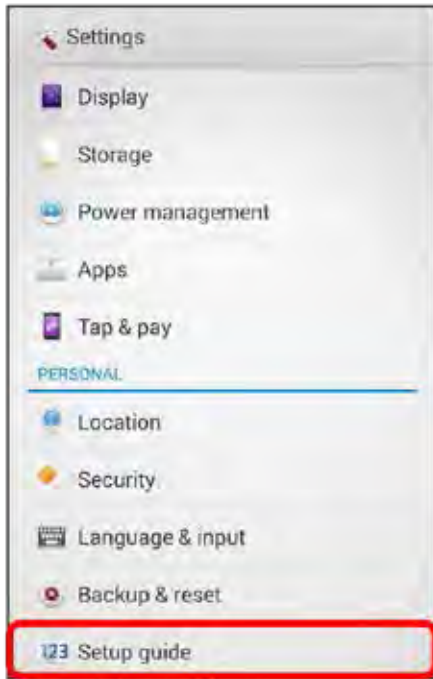
1


In Home Screen,    (Settings)



2

Setup guide



 Startup guidance appears.

# ACCOUNTS

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⌂ ACCOUNTS

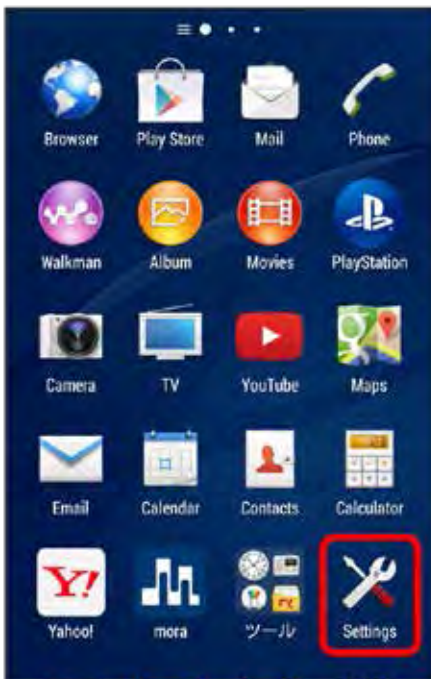
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## ACCOUNTS

Create/add accounts and sync accounts.

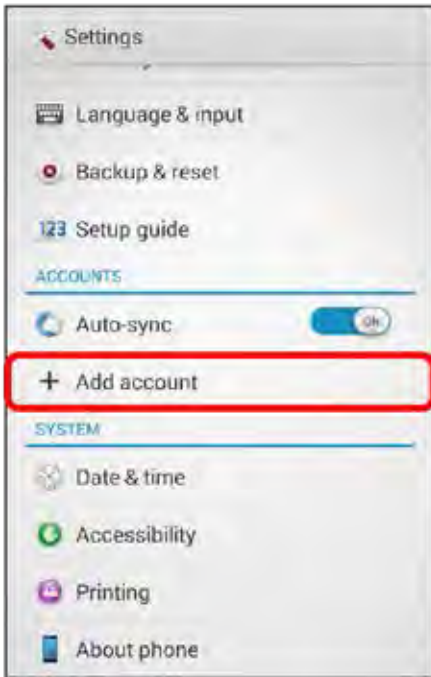
1


In Home Screen,    (Settings)



2

Add account



 A window to add an account opens.


### 3



Select account to add  Follow onscreen instructions

 Account is added.



#### **Account Operations**

##### **Setting Auto-sync**

OFF  OK for "Auto-sync"

 Auto-sync is enabled (.

##### **Setting Applications to Sync for Each Account**

Tap account to set  Tap account  Tap sync item

n Tap item to toggle on () / off (.

n Tap item to synchronize when Auto-sync is disabled.

# Date & time

 Date & time

## Date & time

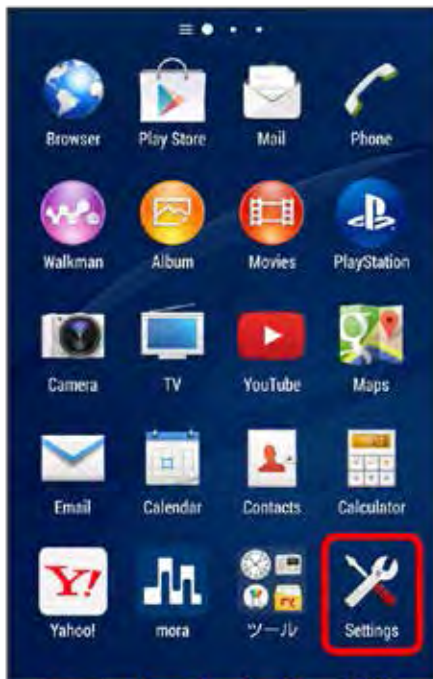
Set functions for date and time. Settable items are the following.

Item	Description
<b>Automatic date &amp; time</b>	Enable adjustment of date and time automatically by using network-provided information.
<b>Automatic time zone</b>	Enable use of time zone information from the network.
<b>Set date</b>	Set the date manually. Available when <b>Automatic date &amp; time</b> is canceled ( <input type="checkbox"/> )
<b>Set time</b>	Set the time manually. Available when <b>Automatic date &amp; time</b> is canceled ( <input type="checkbox"/> )
<b>Select time zone</b>	Set the time zone manually. Available when <b>Automatic date &amp; time</b> is canceled ( <input type="checkbox"/> )
<b>Use 24-hour format</b>	Enable 24-hour format.
<b>Select date format</b>	Set the date format.

1

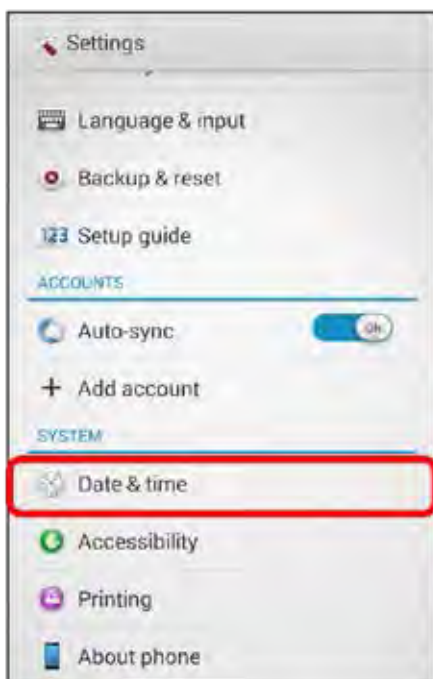
In Home Screen,    (Settings)






2

## Date & time




 Date & Time settings open.

# 3

---

## Set items


 Settings are made.

# Accessibility

 Accessibility

## Accessibility

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

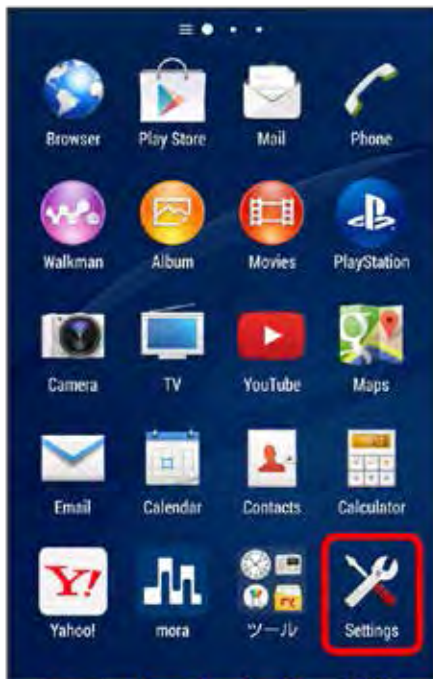
Item	Description
TalkBack <sup>1</sup>	Set Accessibility service (TalkBack).
Captions	Set captions, language, text size, etc.
Magnification gestures	Enable zooming in/out by Triple-Tapping the screen.
Large text	Enable to enlarge font size.
Power button ends call <sup>2</sup>	Enable end of call by Pressing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

1 Not available in Japanese.

2 To revert from sleep while "Power button ends call" is on, Press Volume Key up/down.

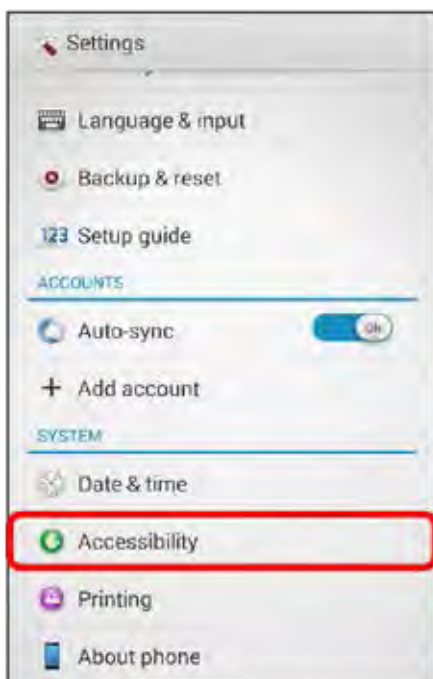
1


In Home Screen,    (Settings)



2

## Accessibility




 Accessibility settings open.

3

---

## Set items

 Settings are made.

# Printing

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⌕ Printing

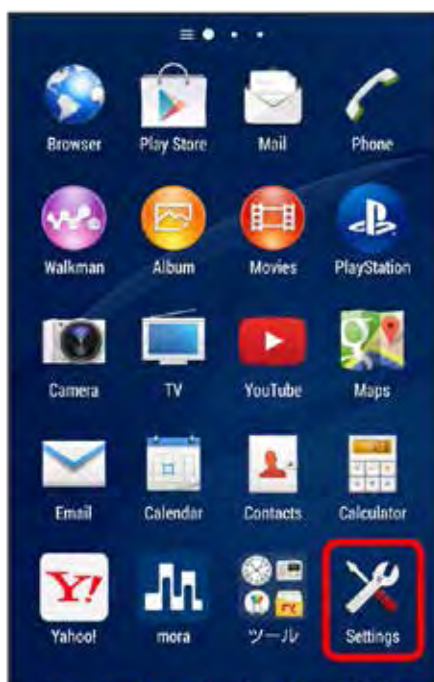
---

## Printing

Set Cloud Print etc.

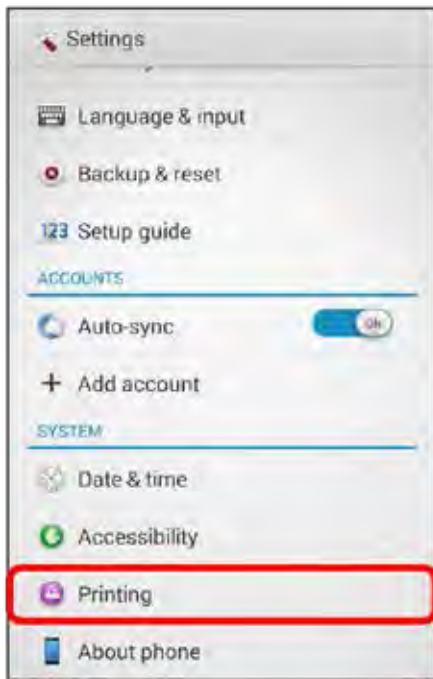
1

In Home Screen,    (Settings)



2

Printing



Printing window opens.

n Follow onscreen instructions

# About phone

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 [About phone](#)

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## About phone

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

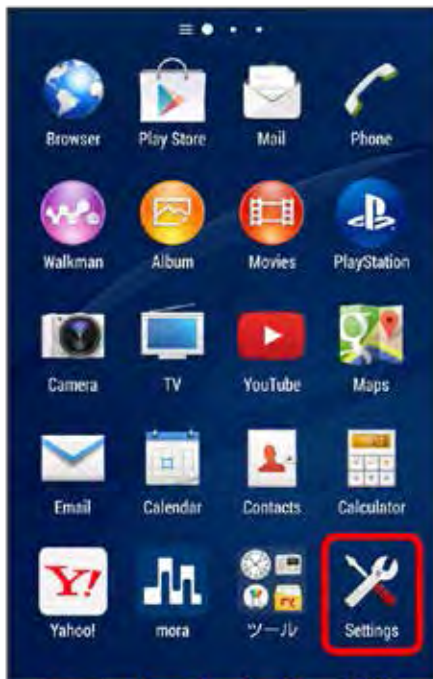
Item	Description
<b>Software Update</b>	Make settings for Software Update.
<b>Application update</b>	Download and update new applications.
<b>Status</b>	Check condition of handset.
<b>Legal information</b>	Check copyright information, terms of use, etc.
<b>Model number</b>	Check model number.
<b>Processor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

1

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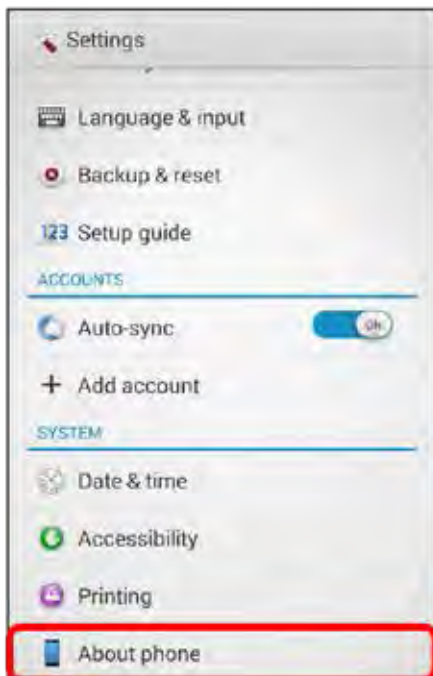
In Home Screen,    (Settings)






2

## About phone




 About phone window opens.

# 3

---

## Set items

 Check handset information.

# Saving Data

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[Saving Destination](#)

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## Saving Destination

n Save data to handset memory or SD Card. For details on inserting/removing SD Card, see "Internal Memory and SD Card."

n Saving destination when creating data cannot be changed. Main saving destinations are the following.

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

# Backing up & Restoring

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ê Backing up & Restoring

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## Backing up & Restoring

The methods of backing up/restoring are the following.

Method	Description
Operation on each application	Changes setting on some applications.
Connection to PC etc.	Connects to PC etc. to transfer data. For details, see " <a href="#">Connecting to PC via USB.</a> "

# Troubleshooting


 [Check Here First](#)

## Check Here First

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


### Hints

**Q** Handset freezes/operation is unstable

**A** Power on handset again. If you are unable to power off handset, Press & Hold  and Volume Up Key at the same time for approximately three seconds, and release your finger after it vibrates three times. Power on handset again. Data that was being edited is erased after handset is powered on again.

**Q** Operation is unstable after a new application was installed

**A** The newly installed application may be the cause. Uninstall the application in Safe mode. See "[Uninstalling Applications](#)." To power on handset in Safe mode:

 (Long Press)  Touch & Hold **Power off**  Check Display, **OK**

n After powering on in Safe mode, "Safe Mode" appears at lower left.

n After restarting in Safe mode, handset can be powered on as usual.

n Before powering on handset in Safe mode, it is recommended that you back up important data.





n By powering on handset in Safe mode, added widgets may be deleted.

**Q** Cannot use phone, mail, or Internet






**A** Check whether you are where signal is weak or out of service area.

**A** Power on handset again.







**A** Is handset in Airplane mode? To check that Airplane mode is canceled:

In Home Screen,   (Settings)  **More...**  **Airplane mode** ()

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

In Home Screen,   (Settings)  **More...**  **Mobile networks**  **Mobile data traffic** ()

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

In Home Screen,   (Settings)  **More...**  **Mobile networks**  **Access Point Names**  **Reset to default**


**Q** Battery level goes down quickly

**A** Are you where signal is weak or have been out of service area for a long period?  
Calling where signal is weak or being out of service area uses a lot of Battery.

**Q** Cannot install applications

**A** Applications cannot be installed with only a little free space on handset or SD Card. To check free space, see "[Storage](#)." Applications not supported by handset cannot be installed.

**Q** Cannot unlock screen

**A** Power on handset again. If you are unable to power off handset, Press & Hold  and Volume Up Key at the same time for approximately three seconds, and release your finger after it vibrates three times. Power on handset again. Data that was being edited is erased after handset is powered on again.

**Q** Display is dark

**A** If handset becomes high temperature, Display may become dim. This is normal.

# Specifications

ê Handset

ê Internal Battery

ê Desktop Holder (SOEAB1)

ê TV Antenna Cable (SODAB1)

## Handset

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

## Internal Battery

Item	Description
<b>Voltage</b>	DC 3.8 V

<b>Type</b>	Lithium-ion
<b>Capacity</b>	3100 mAh

## Desktop Holder (SOEAB1)

Item	Description
<b>Input</b>	DC 5.0 V DC 9.0 V, 1.8A
<b>Output</b>	DC 5.0 V DC 9.0 V, 1.8A

## TV Antenna Cable (SODAB1)

Item	Description
<b>Dimensions</b>	Length approx. 148 mm
<b>Weight</b>	Approx. 5 g



# Warranty & After-Sales Service

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[Warranty](#)

[After-Sales Service](#)

## Warranty

Handset purchase includes Warranty.

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

### **Caution**

#### **Damages**

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

#### **Accidents/Repair**

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

#### **Disassembling/Modifying Handset**

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

## After-Sales Service

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

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

### **Further Inquiry**

For more information, contact a SoftBank Shop or [Customer Service](#).

# Customer Service

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

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[SoftBank Customer Support](#)

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[Smartphone Technical Support Center](#)

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[SoftBank Mobile Global Call Center](#)


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## 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  
(Charges apply)

Tokai Area: 052-388-2002 (Charges apply)

Kansai Area: 06-7669-0180 (Charges apply)

Chugoku Area & Shikoku Area, Kyushu & Okinawa Area: 092-687-0010 (Charges apply)

## Smartphone Technical Support Center

From a SoftBank handset, dial toll free at 151

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

## **SoftBank Mobile Global Call Center**

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

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

# Safety Precautions

Read safety precautions before using handset.

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

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

[Safety Precautions](#)

[Handset, SIM Card, Desktop Holder, TV Antenna Cable, AC Charger \(Optional Accessory\)](#)




[Handset](#)

[Desktop Holder, AC Charger \(Optional Accessory\)](#)

[Handset Use & Electronic Medical Equipment](#)

## Safety Precautions







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

Mark	Descriptions
 <b>DANGER</b>	Great risk of death or serious injury <sup>1</sup> from improper use
 <b>WARNING</b>	Risk of death or serious injury <sup>1</sup> from improper use
 <b>CAUTION</b>	Risk of minor injury <sup>2</sup> or damage to property <sup>3</sup> from improper use

- 1 Serious injury includes: Loss of eyesight, physical injury, high temperature burns, low temperature burns, electric shock, fractures, poisoning and other conditions having side effects or requiring hospitalization or long term treatment.
- 2 Minor injury includes: Physical burns (high-temperature and low-temperature), electric shock, and other conditions not requiring hospitalization or long-term treatment.
- 3 Damage to property includes: Incidental damage to structures and household property and/or to pets and livestock.

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

their meanings before reading on.

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

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

### **DANGER**



Compulsory

**Use specified Desktop Holder, TV Antenna Cable and AC Charger (optional accessory) only.** Non-specified accessory use may cause Internal Battery to leak, overheat, burst or ignite, or cause Desktop Holder, TV Antenna Cable, AC Charger to overheat, ignite, malfunction, etc.



Do Not Disassemble

**Do not disassemble, modify or solder.**

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



Avoid Liquids Or Moisture

**Keep away from water.**

Do not let handset/related hardware exposed to liquid remain wet. May cause overheating, electric

shock, fire, injury or malfunction. Use handset/related hardware properly/appropriately.



Prohibited

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

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



Prohibited

**Do not force AC Charger plug to connect to handset.**

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



Prohibited

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

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



## WARNING



Prohibited

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

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



Compulsory

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

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

is set, power off handset after unlocking setting.)



Prohibited

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

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



Compulsory

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

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

Continued use may cause fire, electric shock, etc.



Prohibited

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

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

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



## CAUTION



Prohibited

**Do not place handset on unstable/uneven surfaces.**

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



Prohibited

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

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



Prohibited

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

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



Compulsory

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

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



Compulsory

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

Failure to do so may result in injuries.

## Handset

Internal Battery type is as follows.

Symbol on Label	Battery Type
Li-ion00	Lithium-ion



# DANGER



Prohibited

**Do not dispose of handset in fire.**

Internal Battery may leak, burst, ignite, etc.



Prohibited

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

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



Compulsory



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

## **WARNING**



Prohibited

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

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



Compulsory

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

Handset use may cause electronic malfunctions, etc.

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



Compulsory

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

Radio waves may interfere with aircraft operations.



Compulsory

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

Strong vibration or loud volume may affect heart conditions.



Compulsory

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

Lightning strikes or electric shock may occur.



Prohibited

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

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



Prohibited

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

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



Compulsory

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

Handset use may cause skin damage.



Compulsory

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

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



# CAUTION



Prohibited

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

Handset use may affect devices and lead to unsafe driving.



Compulsory

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

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



Prohibited

**Keep handset away from magnetic cards, etc.**

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



Prohibited

**Do not swing handset by Strap, etc.**

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



Compulsory

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

Prolonged contact with skin may cause low-temperature burns.



Compulsory

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

Prolonged contact with skin may cause low-temperature burns.



Prohibited

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

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



Compulsory

**Watch TV from a distance in good light.**

Failure to do so may impair vision.



Compulsory

**Moderate handset volume when using Headsets.**

Prolonged use and excessive volume may damage ears or hearing.

## Desktop Holder, AC Charger (Optional Accessory)

### **WARNING**



Prohibited

**Do not cover/wrap with cloth or futon while charging.**  
Heat may build up resulting in fire, burns, malfunction, etc.



Prohibited

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



Disconnect  
Power Source

**Unplug AC Charger power plug when you do not use it.**  
Adhering foreign substance or liquid to AC Charger power plug or stomping AC Charger power plug may cause electric shock, fire, malfunction.



Disconnect  
Power Source

**If liquids (water, pet urine, etc.) seep inside AC Charger power plug, unplug it immediately.**  
Failure to do so may cause electric shock, smoke or fire.



Compulsory

**If plug is dusty, grasp AC Charger power plug and unplug it, then clean with a dry cloth.**  
Failure to do so may cause fire.



Compulsory

**When plugging AC Charger power plug into outlet, keep conductive materials (pencil leads, metal parts, necklaces, hair pins, etc.) away from AC Charger power plug/connector and plug AC Charger power plug firmly into outlet.**  
Failure to do so may cause electric shock, short circuit, fire, etc.



Do Not Use  
Wet Hands

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

May cause electric shock or malfunction.



Prohibited

**Do not touch AC Charger if thunder is audible.**

May cause electric shock, etc.



# CAUTION



Disconnect  
Power Source

**Grasp AC Charger power plug and unplug it before cleaning.**

Failure to do so may cause electric shock, etc.



Compulsory

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

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



Prohibited

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

May cause injury or malfunction.



Prohibited

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

May cause injury or malfunction.



Prohibited

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

May result in low-temperature burns.



Prohibited

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

May cause electric shock, injury or malfunction.

## Handset Use & Electronic Medical Equipment

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



### WARNING



Compulsory

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

Radio waves may interfere with implanted pacemakers or defibrillators.



Compulsory

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

Handset radio waves may affect electronic medical equipment.



Compulsory

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

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



Compulsory

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

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

# Important Product Information

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


ê Charging

ê Touchscreen

ê Technical Conformity

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

- n Do not get wet. AC Charger (optional accessory) and packaged accessories are not waterproof. Avoid use in humid places such as a bathroom or exposing it to rain. Contact to 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.
- n 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%).
- n Charge battery within temperatures of 5°C to 35°C.
- n Do not use handset, SIM Card, or AC Charger (optional accessory) in a dusty place, where there is much vibration, or near landline phone, TV, radio, etc.
- n For using power outlet with drop-off prevention structure, see the user's manual.
- n Storing handset with full-charged or insufficient battery level deteriorates battery performance. It is recommended to store handset with 40% battery level.
- n Turning off by pressing  does not shut off handset from power source completely. Unplug AC Charger power plug to completely turn it off. Use AC Charger (optional accessory) near a power outlet for easy unplugging in case that malfunction is detected.
- n Display may become dim when handset temperature rises. It is not abnormal.
- n Do not subject handset to excessive shock. Do not deform External Device Port; may cause malfunction.
- n 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.

- n Clean handset, SIM Card, or AC Charger (optional accessory) with a dry, soft cloth. Rubbing hard with a dry cloth etc. may scratch them. Wiping off with wet dustcloth may cause malfunction. Using benzine, thinner, alcohol, detergent, etc. may fade color/print.
- n Occasionally clean Headphone Port with a dry cotton swab etc. Dirt on Headphone Port may cause contact failure. Do not deform Headphone Port or connecting plug by putting pressure when cleaning.
- n Attach or detach Desktop Holder with specified method without putting excessive force.
- n Always attach packaged accessory Attachment to Desktop Holder when charging.
- n Attachment 45B only supports smartphone covers (commercial item) marked with "純正卓上ホルダ対応" and used for Desktop Holder charging with the cover attached to handset.
- n Use LCD protection film with thickness of 0.15 mm or less. Thick film may hinder correct attachment of handset to Desktop Holder.
- n Do not leave Camera in direct sunlight. Concentrated sunlight through Lens may cause handset to malfunction.
- n 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.
- n Do not remove IMEI printed sticker or Nameplate.

## Charging







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

## Touchscreen

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

## 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.

- n Never use modified handset. Using modified handset is a violation of the Radio Law.
- n 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,   **Settings**  **About phone**  **Legal information**  **Auth.**

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.

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

# Bluetooth®/Wi-Fi (WLAN)

ê [Frequencies](#)

ê [Notes on Using Bluetooth® Device](#)

ê [Reception Interference Caused by Wi-Fi \(WLAN\) Devices](#)

ê [Wi-Fi \(WLAN\)](#)

ê [Notes on Using 2.4GHz Devices](#)

ê [Notes on Using 5GHz Devices](#)

ê [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



: Utilizes 2,400 MHz to 2,483.5 MHz band without

mobile device bandwidth differentiation

n Available channels may vary by country.

n For use in an airplane, contact your airline.

## Notes on Using Bluetooth® Device

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

- n Before using handset Bluetooth® function, confirm that premises radio stations, specified low power radios and amateur radios are not in use nearby.
- n 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.
- n For further questions, contact a SoftBank Shop or SoftBank Customer Support.

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

### Devices

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

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

## Wi-Fi (WLAN)

- n 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.
- n Use handset WLAN function only in Japan.
- n 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.
- n If there are multiple Wi-Fi access points using the same channel, search may fail.

- n Enable Wi-Fi to search available Wi-Fi networks and then establish connection.
- n Connect to Wi-Fi network before accessing Internet via Wi-Fi (WLAN).
- n 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.
- n To save battery power, disable Wi-Fi (WLAN) when not used.

## Notes on Using 2.4GHz Devices

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

- n Before using handset, confirm that premises radio stations, specified low power radios, and amateur radio stations are not in use nearby.
- n 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.)
- n Also, in the event of handset causing radio wave interference with specified low power radios and amateur radio stations, contact a SoftBank Shop or SoftBank Customer Support.

## Notes on Using 5GHz Devices

Available channel numbers and the frequencies are as follows:

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

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

## Reception Interference Caused by Bluetooth® Devices

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

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

# Waterproofing/Dustproofing

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

1 Protection against water jet (at 12.5 L/min. from every direction from a distance of approximately 3 m for over 3 minutes through 6.3 mm nozzle)

2 Protection against seepage when slowly submerged in still tap water at room temperature to depth of 1.5 m for 30 minutes

3 Protection against dust ingress when being placed in an apparatus with grit and dust of diameters of 75 µm or less and shaken for 8 hours.

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## Handset Waterproofing/Dustproofing

Handset waterproofing/dustproofing provides the following:

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

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

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

n Wash with tap water at normal temperature (5 - 35 ) with weak water flow (less than 6L/min.) at distance of approximately 10 cm away from the tap or shower.

n When washing handset, make sure to securely close External Device Port and SIM Card/SD Card Slot Cover. Do not use a brush or sponge. Drain and the use handset after washing.

Using handset at a poolside

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

## Maintaining Waterproof/Dustproof Performance

Observe the following to avoid water or dust ingress.

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

## Precautions

Do not perform the following actions.

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

Observe the following precautions to use handset properly.

- n Packaged accessories are not waterproof/dustproof.
- n Do not apply water flow stronger than allowed (water flow of 6L/min. or more: e.g., such water flow that causes you pain when applied to your skin) directly from a tap or shower. Handset provides IPX5 waterproof performance, but doing so may cause malfunction.
- n 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.
- n 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.
- n Soaking handset in tap water should be no more than 30 minutes.
- n For using handset at a swimming pool, obey rules of the facility.
- n Handset does not float on water.



- n Do not let water remain on handset. In cold region, water freezes up and may cause malfunction.
- n Do not let water remain on Earpiece/Speaker, Mic/Speaker, Second Mic or External Device Port. Such water may interfere with calls.
- n If handset gets splashed with water or other liquid while External Device Port Cover or SIM Card/SD Card Slot Cover is opened, seepage may occur resulting in electric shock or malfunction. In that case, stop using and power off handset, then contact a SoftBank Shop or SoftBank Customer Support.
- n If rubber gaskets on inner side of External Device Port or SIM Card/SD Card Slot Cover are damaged or deformed, have them replaced at a SoftBank Shop or SoftBank Customer Support.
- n Do not connect earphones, etc. to handset that is wet with water. May cause malfunction.
- n Do not leave handset in a humid place for a long time. Take handset out from bathroom after using.
- n Avoid moving handset from cold place to warm place suddenly. Wait until handset temperature gets warm and before bringing it to bathroom etc.
- n 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.

Sample  
(イラスト)

2

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



Sample  
(イラスト)

3

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Wipe off water drained from handset with clean cloth etc.



Sample  
(イラスト)

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

4

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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.

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

# End User License Agreement

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[End User License Agreement](#)

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# Export Controls and Regulations

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[🏠 Export Controls and Regulations](#)

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## Export Controls and Regulations

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