LG V60 ThinQ 5G
User Guide

LG V60 ThinQ 5G
User Guide Contents

Handset Settings

Global Services

Warranty/Specifications/Customer Services

Safety Precautions

About the User Guide

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

Before Using This Product

Read "クイックスタート" (Japanese), "お願いとご注意"
(Japanese) thoroughly beforehand for proper usage.
Accessible services may be limited by contract conditions.

Data Communication

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

Screenshots & Key Labels

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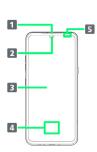
Other Notations

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

Getting Started

Parts & Functions
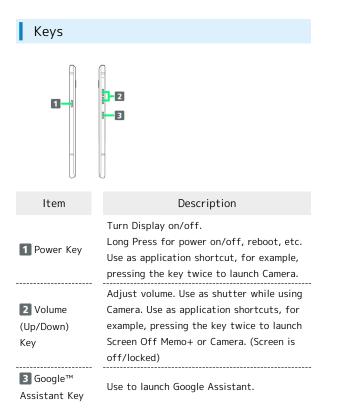
Handset (Front)

Item	Description
1 Earpiece	Hear the other party's voice here.
2 Front Camera	Use to shoot still images, videos of yourself, etc.
3 Display	Handset uses a touchscreen-type Display. Operate with your fingers on Display.
4 Fingerprint Sensor	Use to unlock screen locked by fingerprint authentication.
5 Proximity/ Light Sensor	Detects surrounding brightness to automatically adjust Display or backlight and prevent Touchscreen misoperation during a call.

Handset (Back/Side)

Item	Description
1 Second Mic	Use when talking through Speakerphone, etc.
2 Camera	Capture still images and videos.
3 ToF (Time of Flight) Camera	Measures 3-dimensional information when shooting.
4 Flash	Use as camera flash when taking photos, etc.
5 Wireless Charging/ FeliCa Position	Align this part with a wireless charger or FeliCa reader.
6 Mic	Speak here. Also use while recording videos.
7 Speaker	Listen to music as well as video, or hear the other party's voice through Speakerphone.
8 USIM/SD Card Tray	Insert/remove USIM Card and SD Card.
9 External Device Port	Connect AC Charger (optional accessory), etc.
10 Earphones-Microphone Jack	Connect stereo earphones (3.5 mm) here.

Keys

Item	Description
1 Power Key	Turn Display on/off. Long Press for power on/off, reboot, etc. Use as application shortcut, for example, pressing the key twice to launch Camera.
2 Volume (Up/Down) Key	Adjust volume. Use as shutter while using Camera. Use as application shortcuts, for example, pressing the key twice to launch Screen Off Memo+ or Camera. (Screen is off/locked)
3 Google™ Assistant Key	Use to launch Google Assistant.

USIM Card

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

Handling USIM Card

Check the following regarding SIM Card handling.

> **1** IC (gold) chip

For USIM Card handling, see SoftBank Website.

https://www.softbank.jp/mobile/support/protect/usim/
· Always keep the IC (gold) chip clean.
· Wipe clean with a dry, soft cloth.
· Avoid applying labels. May damage USIM Card.

USIM Card Cautions

USIM Card Cautions

Observe the following when using USIM Card.
· Customer is responsible for any damage caused by inserting USIM Card in an other-brand IC card reader, etc. SoftBank Corp. is not responsible in such case.
· USIM Card is the property of SoftBank Corp.
· USIM Card is replaceable (at cost) in case of loss/damage.
· Return USIM Card to SoftBank Corp. when cancelling subscription.
· Returned USIM Cards are recycled for environmental purposes.
· Note that USIM Card specifications and performance may change without notice.
· It is recommended that you keep a separate copy of information that is stored on USIM Card. SoftBank Corp. is not responsible for damages from saved information that is lost.
· Always follow emergency procedures to suspend service if your USIM Card or handset (USIM Card inserted) is lost/ stolen. For details, contact Customer Service.
· Always power off handset before inserting/removing USIM Card.

Handling USIM Card Opener

Use a paper clip if USIM Card Opener is lost. Do not use a sharp object (pin, etc.) instead of using USIM Card Opener.

Inserting USIM Card

Always power off beforehand.

· The bundled USIM Card Opener (sample) is necessary to attach/remove Tray.
· Attach/remove USIM Card after unmounting SD Card if SD Card is mounted. For details, see "Unmounting SD Card."

1

Insert USIM Card Opener horizontally in Tray Eject Hole

2

Pull Tray out straight and remove Tray from handset

3

Set USIM Card into Tray with IC (gold) chip facing down

· Check USIM Card orientation by notch.
· Tray has a stop that prevents USIM Card from slipping off. Press USIM Card from above and set USIM Card firmly.

4

Insert Tray in handset straight all the way

USIM Card is inserted.

· Make sure there is no gap between handset and Tray.

Removing USIM Card

Always power off beforehand.

· The bundled USIM Card Opener (sample) is necessary to attach/remove Tray.
· Attach/remove USIM Card after unmounting SD Card if SD Card is mounted. For details, see "Unmounting SD Card."
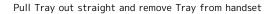
1

Insert USIM Card Opener horizontally in Tray Eject Hole

2

Pull Tray out straight and remove Tray from handset

3

Remove USIM Card from Tray

4

Insert Tray in handset straight all the way

USIM Card is removed.

· Make sure there is no gap between handset and Tray.

SIM-Unlocking Handset

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

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

Internal Storage/SD Card

Internal storage and SD Card can be used for saving data. Handset supports SD Cards up to 512 GB. Some SD Cards may not operate properly.

💡 Handling USIM Card Opener

Use a paper clip if USIM Card Opener is lost. Do not use a sharp object (pin, etc.) instead of using USIM Card Opener.

❗ SD Card Cautions

Data

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

microSDXC Card

Handset supports microSDXC Cards (SDXC-compatible SD Cards). microSDXC Cards are supported by SDXC-compatible devices only.

Exchanging Data with Non-SDXC-Compatible Devices

Inserting microSDXC Card used on handset in a non-SDXC-compatible device may corrupt card data. To use a corrupted microSDXC Card, format it on an SDXC-compatible device. Formatting deletes all microSDXC Card data. To exchange data between handset and non-SDXC-compatible devices, use SD Cards (microSDHC/microSD Cards) supported by handset and those devices.

Reading/Writing Data

Never power off while reading or writing data.

Battery Level

A low battery charge may prevent reading/writing data.

🚫 Handling SD Card

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

▎ Inserting SD Card

Always power off beforehand.
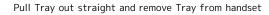
· The bundled USIM Card Opener (sample) is necessary to attach/remove Tray.

1

Insert USIM Card Opener horizontally in Tray Eject Hole

2

Pull Tray out straight and remove Tray from handset

3

Set SD Card into Tray with the metal terminals facing down

· Tray has a stop that prevents SD Card from slipping off. Press SD Card from above and set SD Card firmly.

4

Insert Tray in handset straight all the way

🏁 SD Card is inserted.

· Make sure there is no gap between handset and Tray.

Formatting SD Card

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

· Insert SD Card beforehand. For details, see "Inserting SD Card."

1

In Home Screen, ⚙ (Settings)

2

Storage

3

SD card

4

⋮

5

Storage settings

6

Format

7

FORMAT

8

DONE

🏁 All data on SD Card is erased.

⚠️ **Cautions when Formatting SD Card**

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

Unmounting SD Card

Always unmount SD Card beforehand.

1

In Home Screen, ⚙ (Settings)

2

Storage

3

⏏

🏁 SD Card is unmounted.

Removing SD Card

Always unmount SD Card beforehand, and power off handset.

· The bundled USIM Card Opener (sample) is necessary to attach/remove Tray.

1

Insert USIM Card Opener horizontally in Tray Eject Hole

2

Pull Tray out straight and remove Tray from handset

3

Remove SD Card from Tray

4

Insert Tray in handset straight all the way

SD Card is removed.

· Make sure there is no gap between handset and Tray.

Charging Battery

Charging Cautions

Never connect a USB Type-C™ plug while handset or related accessory is wet.

Charging with AC Charger

AC Charger is an optional accessory. Be sure to use AC Charger specified by SoftBank. For information on AC Charger and other peripheral devices, see SoftBank Website.
Charge using AC Charger [ZSDBAS][1].
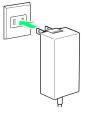1 USB Type-C™ quick charger compatible with SoftBank SELECTION USB PD [SB-AC20-TCPD]

1

Insert a USB Type-C plug of AC Charger into External Device Port

2

Raise plug on AC Charger and plug into household AC outlet

3

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

Charging ends.

Charging with Wireless Charger

Handset can be charged using a wireless charger (commercially available). For details on charging, see the instructions included with the wireless charger.

· Products with a 〔Ψ〕 comply with WPC (Wireless Power Consortium) wireless charging standards.
· Align the wireless charging position on handset with the wireless charger position properly.
· For details on the wireless charging position, see "Handset (Back/Side)."
· Remove any cases or covers attached to Handset before charging.

⚠ Wireless Charging Cautions

Observe the following when charging with a wireless charger.
· Do not subject handset to vibration while charging.
· Vibration causing handset to move may prevent charging from completing or cause handset to fall.
· If a TV or radio produce noise while charging, distance handset and charge.
· If another wireless charging device is nearby, distance the wireless charger at least 30 cm away. Handset may not be detected properly and may not charge.
· While charging, calling and data transmission may be affected.
· Do not allow metal objects between handset and the wireless charger. It may cause charging to stop or the metal objects to become hot.
· Do not allow an IC card or similar item to be lodged between handset and the wireless charger. IC card may be damaged.
· Do not place handset on the wireless charger while AC Charger or USB Type-C cable, etc. is connected.
· Using Camera while charging may cause images to be grainy with noise.
· Using handset while charging may cause handset to slow down or stop charging as it is designed to avoid reaching a high temperature.

Power On/Off

Powering On

1

Power Key (Long Press for at least 2 seconds)

🏁 Lock Screen appears.

· For details on unlocking screen, see "Unlocking Screen."
· Startup wizard appears for the first time handset is powered on. For details on initial settings, see "Making Initial Settings."

Powering Off

1

Power Key (Long Press for at least 2 seconds)

2

Power off

3

POWER OFF

Handset powers off.

Making Initial Settings

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

Making Initial Settings

1

Select language then →

2

Wi-Fi

· To skip Wi-Fi settings, Tap Next and proceed to step 6.

3
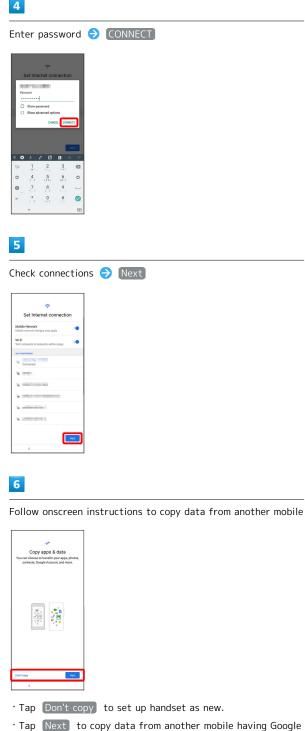
Select Wi-Fi network to connect

4

Enter password ➜ CONNECT

5

Check connections ➜ Next

6

Follow onscreen instructions to copy data from another mobile

· Tap Don't copy to set up handset as new.

· Tap Next to copy data from another mobile having Google accounts, etc. Follow onscreen instructions.

7

Set up a Google account by following onscreen instructions

· For details on Google Account, see "Setting a Google Account."

· To skip Google Account setup, Tap Skip .

8

Select a service to use on Google Services setting screen

· Tap a service to switch ON (🔵) / OFF (⚪) of the setting.

9

Accept

10

Select one of the screen lock options ➡ Next

· After Tapping options other than No, thanks , follow onscreen instructions.

11

Turn on

12

Next

13

Next

· Appears when a Google account is set up.

14

Set up Access your Assistant with Voice Match

· Appears when a Google account is set up.
· To skip Voice Match setup, Tap Skip .

15

Check Legal documents then I agree

· Check the optional terms of Legal documents and agree to it if necessary.

16

Done

🏁 Settings are complete.

Setting a Google Account

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

⚠️ Google Account Cautions

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

Creating a Google Account

1

In Home Screen, ⚙️ (Settings)

2

Accounts

3

Add account

4

Google

🏁 Window for logging in to a Google account opens.

5

Create account
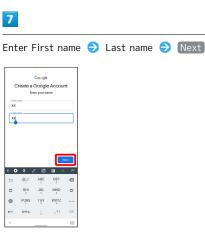
6

For myself

· To create an account for your child, tap For my child , then follow onscreen instructions.

7

Enter First name ➡️ Last name ➡️ Next

· If confirmation appears, follow onscreen instructions.

8

Enter date of birth and gender ➡ Next

9

Choose your Gmail address or create a Gmail address ➡ Next

10

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

11

Yes, I'm in

12

Next

13

I agree

🏁 Google Account is created.

Logging In with a Google Account

1

In Home Screen, ⚙ (Settings)

2

Accounts

3

Add account

4

Google

🏁 Window for logging in to a Google account opens.

5

Enter a mail address for your Google account ➡ Next

6

Enter password ➡ Next

7

Follow onscreen instructions

🏁 You are signed in to your Google Account.

Unlocking Screen

Screen Lock

Display goes out after a set period of inactivity to save battery power (screen is locked).
This also prevents accidental Touchscreen operation.

· Press Power Key while Display is on to lock screen manually.
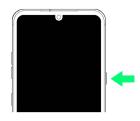
If Screen Lock Activates while Playing Music

Music continues to play.

1

While the screen is locked, Press Power Key

Lock Screen appears.

2

Flick/swipe screen up

Screen is unlocked.

· The method for unlocking the screen can be changed. For details on the method for unlocking the screen, see "Lock Screen & Security Settings."

Another Way to Turn On Display

Double-Tap the screen to turn it on or off when the screen is off/locked (KnockON). For details, see "Extensions."

Basic Operations

Basic Operation

Selecting Options and Navigating Screens

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

· Flick left / right from the edge of the screen to go back to previous.

Navigation to Home Screen

Flick/swipe ━━━━ (Home) to move to Home Screen

Menu Operations

Tap ⋮ for available settings and items.

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

Sound Profile

Set ringtone, operation sounds, etc. not to sound to avoid disturbing others around you.
Sound profile setting is also accessible from Quick Settings.

⚠ Sound Profile Cautions

Camera shutter, video start/stop tones, Alarm, video/music audio sound even in Sound profile.

Using Sound Profile (Vibrate)

1

Press Volume Up or Down Key

2

Tap 🔊 for volume adjustment bar

🏁 Icon changes to 📳 , and handset enters Sound profile (Vibrate only).

· Continue to press Volume Down Key for a few seconds, and press Volume Down Key again to set handset to Sound profile (Vibrate only).
· Press Volume Up Key once when the volume adjustment bar appears, and handset exits Sound profile.

Using Sound Profile (Silent)

1

Press Volume Up or Down Key

2

Tap 🔊 for volume adjustment bar

3

Tap 📳 for volume adjustment bar

🏁 Icon changes to 🔇 , and handset enters Sound profile (Silent).

· Continue to press Volume Down Key for a few seconds, and press Volume Down Key twice to set handset to Sound profile (Silent).
· Press Volume Up Key twice when the volume adjustment bar appears, and handset exits Sound profile.

Airplane Mode

Leaving power on, suspend all the signal-transmitting functions.

Using Airplane Mode

1

In Home Screen, ⚙ (Settings)

2

Network & internet

3

Airplane mode (🔵)

4

Turn on

▧ Airplane mode activates.

· Tap Airplane mode to toggle on (🔵)/off (⚪).

System Update

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

⚠ System Update Cautions

Observe the following before a system update.
· It may take time to update the system.
· Operate handset with adequate battery charge.
· Operate handset where signal reception is good and without changing location.
· Some functions may not be available temporarily during a system update.
· It is recommended that you back up important data before updating software (some downloaded data may not be able to be backed up). Saved data on handset before updating system remains intact, but data may be lost depending on condition of handset (malfunctioning, etc.). SoftBank Corp. is not responsible for damages from loss of data.
· If system update has failed or stopped, update the system again.
· System update is unavailable during international roaming. Do not remove USIM Card or power off handset during the process. It may cause an update failure.
· An update failure may disable handset. For details, contact "Customer Service."

▌ Updating Software

1

In Home Screen, ⚙ (Settings)

2

System

3

Update center

4

System update ➡ Check for update ➡ Follow onscreen instructions

🏁 System update begins.

💡 If Handset Does Not Restart after System Update

If handset does not restart after system update, forcibly power off and restart handset. If handset is disabled, contact "Customer Service."

Touchscreen & Text Entry

Using Touchscreen

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

Tap

Contact Display lightly and briefly.

Touch & Hold

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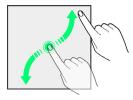
Drag

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

Flick/Swipe

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

Pinch

Contact Display lightly, then close/widen fingers.

Text Entry

Keyboards

Use onscreen keyboards for text entry.

In 10-key keyboard, several characters are assigned to each key. In QWERTY keyboard, one letter is assigned to each key. In 50-key keyboard, kana are assigned to each key in 50-syllable order. Also, "Voice input" and "Handwriting input" are available.

· Tap ∨ to hide keyboard.

QWERTY Keyboard Layout

1 Tap for functions menu (Keyboard bar).

2 Enter a character assigned to each key.

3 Toggle between uppercase and lowercase.

4 Toggle entry modes (kana/alphabet/number).

5 Show current character type.

6 Delete a character before cursor.

7 Move to next entry field, insert a line break, or confirm current characters.

8 Switch keyboard.

9 Show emoji, symbols, or emoticons.

10 Enter a space. Convert characters when inputting kana.

11 Enter "." or "," (punctuation mark). Touch & Hold to show symbols.

12 Move cursor left. Change the text range during character conversion.

13 Move cursor right. Change the text range during character conversion.

Switching Character Types (Entry Modes)

1

In the text input screen, tap あA1

🏁 Character types (entry mode) is changed.

· Show character types on Status Bar.

· Tap あA1 to toggle "alphabet", "number" and "kana."

Handset Interface

Handset Screens

Home Screen Layout

Item	Description
1 Status Bar	Drag down for Notifications Window. Drag down using two fingers for Quick Settings.
2 Home Screen Position¹	Current position among several Home Screen sheets.
3 Dock	Tap an icon to activate application or function. Customize with up to seven application shortcuts. Also, create folders. Dock always appears in any Home Screen sheet.
4 Customize Area	Place application shortcuts, folders, widgets freely.
5 Apps Key	Open applications list.

1 Does not appear when the Home Screen sheet is one.

Toggling Home Screen Sheets

Flick/swipe Home Screen left/right to toggle among several Home Screen sheets.

Portrait Orientation & Landscape Orientation

To change screen to landscape orientation, rotate handset sideways.

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

Status Bar

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

Status Bar Layout

1 Notification Indicators

2 Status Indicators

Main Notification Indicators

Notification Indicators appearing in Status Bar include the following.

Indicator	Description
	New Gmail
	New +Message/SMS/S! Mail
	Playing Back Music
	Pausing Music
	Wi-Fi Open Network Available
	USB Device Connected
	Call Arriving
	Missed Call
	New Recorded Message
	New Voice Mail
	Calendar Event Reminder
	Snoozing
	Unchecked Alarm
	Timer in Use
	Urgent News Mail
	Data Uploading
	Data Downloading
	Application Update Available
	Application Installation Complete
	SD Card Detected/Mounting
	Screenshot Saved
	More Notifications
	Wi-Fi Tethering Available
	USB Tethering in Use
	Bluetooth® Tethering in Use
	Wi-Fi Direct Connected
	Do not disturb On/Off
	Low Battery Alert
/	Battery Saver in Use
	Audio Recorder in Use

Main Status Indicators

Status Indicators appearing in Status Bar include the following.

Indicator	Description
	Bluetooth® Connected
	Bluetooth® Device Connected
	Sound Profile (Vibrate only)
	Sound Profile (Silent)
	Auto Answering Set
	5G Data in Use
	4G LTE/4G Data[1] in Use
	3G Data in Use
	Wi-Fi Connected
	Signal Strength
	No Signal
	Airplane Mode
	Charging Required
	Battery Low
	Battery Full
	Battery Charging
	Battery Charging (wireless)
	Obtaining Current Location
	Alarm Set
	Earphones Connected
	Earphones with Mic Connected
	NFC Set
	NFC/Osaifu-Keitai® Locked

1 Handset supports FDD-LTE and AXGP; indicator appears when handset is connected to either.

Using Notifications Window

Drag Status Bar down to open Notifications Window. Check
Notification Indicators and the details in Notification Window.

Opening Notifications Window

1

Drag Status Bar down

Notifications Window opens.

Closing Notifications Window

Drag Notifications Window up

Notifications Window Layout

1 Toggle each function on/off. For details, see "Quick
Settings Layout."

2 Adjust Display brightness.

3 Show notifications and active functions.

4 Open Settings.

5 Open Quick Settings.

6 Delete notifications and close Notifications Window.
Deletable notifications depend on the contents.

7 Manage notifications.

Using Quick Settings

Drag Status Bar down to open Quick Settings. Tap icons on
Quick Settings to set each function on/off.

Opening Quick Settings

1

Drag Status Bar down

Notifications Window opens.

2
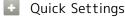
Drag Notifications Window down

Quick Settings opens.

· Alternatively, Tap ▬ or Drag Status Bar down using two
fingers.

Quick Settings
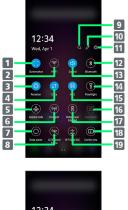
Closing Quick Settings

Drag Quick Settings up

Customizing Quick Settings

Available to add and remove icons on Display, or change the
position of icons.

In Quick Settings, tap 🖉 ➡ Drag icons following
onscreen instructions ➡ Tap ✓

Quick Settings Layout

1 Capture a screenshot.

2 Toggle Wi-Fi on/off.

3 Toggle Rotation on/off.

4 Toggle Data on/off.

5 Toggle Airplane mode on/off.

6 Toggle Hotspot on/off.

7 Toggle Data saver on/off.

8 Toggle LG 3D sound on/off.

9 Perform general search.

10 Edit Quick Settings.

11 Open Settings.

12 Toggle Bluetooth® on/off.

13 Set Sound profile.

14 Toggle Flashlight on/off.

15 Toggle NFC on/off.

16 Toggle Dual Screen on/off.

17 Toggle Battery saver.

18 Toggle Comfort view on/off.

19 Toggle Hi-Fi Quad DAC on/off.

20 Toggle Screen Recording on/off.

21 Toggle Do not disturb on/off.

22 Toggle Screen Sharing on/off.

23 Toggle File sharing on/off.

24 Toggle Location on/off.

25 Toggle Sync on/off.

Phone

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.

💡 Phone Function

Emergency Location Report

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

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

VoLTE and HD Voice

Handset supports VoLTE and HD Voice for higher voice call quality.

❓ Hints

Q. Difficulty during call

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

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

Q. Sound pops momentarily during a call

A. Are you changing location while calling? Sound pops when signal is weak and handset switches to a different area. This is not a malfunction.

⚠️ Emergency Call Cautions

Areas Where Usable

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

Airplane Mode

Note that emergency calls cannot be made in Airplane mode.

Placing Calls

1

In Home Screen, 📞 (Phone)

🏁 Phone opens.

· If confirmation appears, follow onscreen instructions.

2

Tap Dial

🏁 Dialing screen opens.

3

Tap dialpad to enter the other party's number

· Enter area code first for calling landline numbers.

4

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

5

To end the call, 📞

🏁 Call ends.

➕ **Calling the Emergency Number When the Phone's Screen is Locked**
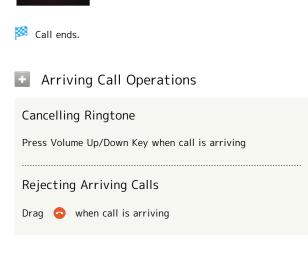
In Lock Screen, Flick/Swipe up ➡ Emergency call ➡ Enter number for emergency service ➡ 📞

· Available only when screen lock is set to Pattern / PIN / Password . For details on the method for unlocking the screen, see "Lock Screen & Security Settings."

❓ **Hints**

Q. Call does not connect

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

A. Are signal conditions poor? Call again after moving where signal is good.

Answering Calls (Screen Off/Home Screen Displayed)

1

Drag 📞 when call is arriving

🏁 Call begins.

2

To end the call, 📞

🏁 Call ends.

➕ **Arriving Call Operations**

Cancelling Ringtone

Press Volume Up/Down Key when call is arriving

Rejecting Arriving Calls

Drag 📞 when call is arriving

In-Call Screen Layout/In-Call Operations

Use the following optional services by Tapping each icon.

1	HD Voice is in progress.
2	Show image saved for contact.
3	Show name/number of other party.
4	Place call on hold.
5	Show contacts screen.
6	Use Speakerphone.
7	Mute your voice to the other party.
8	Open option menu.
9	Show call time.
10	Show dialpad and send push signal during call.
11	Use Bluetooth® device (e.g., headset) to call.
12	End call.

Optional Services
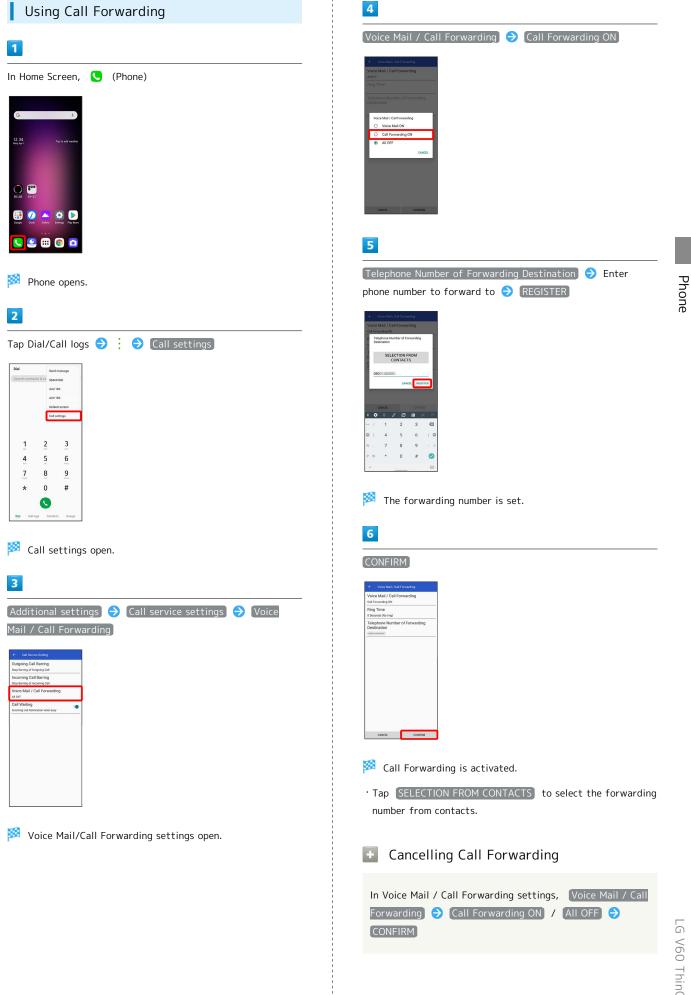
Convenient optional services for voice calls are available with handset.
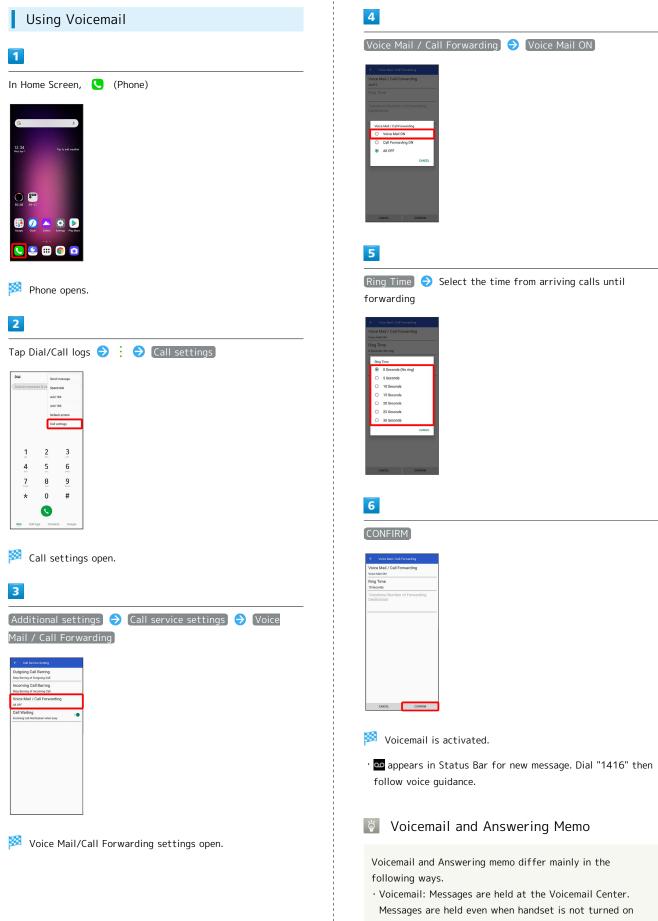
Optional Services

The following optional services are available.

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

1 Requires separate subscription.

Using Call Forwarding

1

In Home Screen, 📞 (Phone)

🏁 Phone opens.

2

Tap Dial/Call logs ➔ ⋮ ➔ Call settings

🏁 Call settings open.

3

Additional settings ➔ Call service settings ➔ Voice Mail / Call Forwarding

🏁 Voice Mail/Call Forwarding settings open.

4

Voice Mail / Call Forwarding ➔ Call Forwarding ON

5

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

🏁 The forwarding number is set.

6

CONFIRM

🏁 Call Forwarding is activated.

· Tap SELECTION FROM CONTACTS to select the forwarding number from contacts.

➕ Cancelling Call Forwarding

In Voice Mail / Call Forwarding settings, Voice Mail / Call Forwarding ➔ Call Forwarding ON / All OFF ➔ CONFIRM

Using Voicemail

1

In Home Screen, 📞 (Phone)

🏁 Phone opens.

2

Tap Dial/Call logs ➡ ⋮ ➡ Call settings

🏁 Call settings open.

3

Additional settings ➡ Call service settings ➡ Voice Mail / Call Forwarding

🏁 Voice Mail/Call Forwarding settings open.

4

Voice Mail / Call Forwarding ➡ Voice Mail ON

5

Ring Time ➡ Select the time from arriving calls until forwarding

6

CONFIRM

🏁 Voicemail is activated.

· 🔲 appears in Status Bar for new message. Dial "1416" then follow voice guidance.

💡 Voicemail and Answering Memo

Voicemail and Answering memo differ mainly in the following ways.
· Voicemail: Messages are held at the Voicemail Center. Messages are held even when handset is not turned on or outside a service area. Message playback is subject to your subscription call charges.
· Answering memo: Messages are held on handset. Use Answering memo only when handset is turned on or within a service area.

Voicemail Operations

Cancelling Voicemail

In Voice Mail / Call Forwarding settings, `Voice Mail / Call Forwarding` ➡ `Call Forwarding ON` / `All OFF` ➡ `CONFIRM`

Playing Back Recorded Message
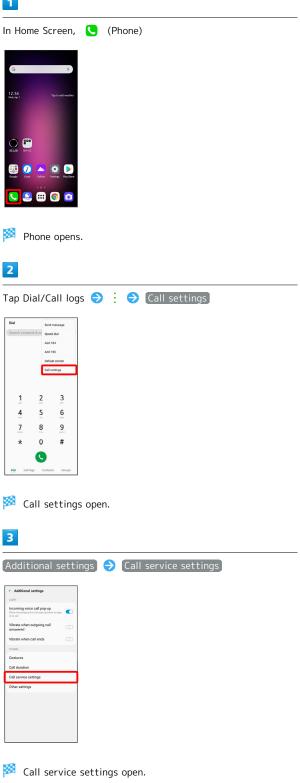
In Call settings, `Voicemail` ➡ `Play voicemail messages` ➡ `Yes`
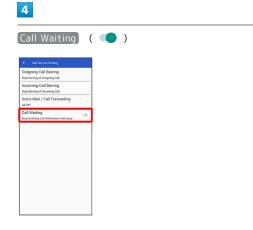
🏁 Connect to Voicemail Center. Follow voice guidance.
· In Home Screen, 📞 (Phone) ➡ Tap "Dial" ➡ Touch & Hold "1" to operate.

Using Call Waiting

This service requires separate subscription.

1

In Home Screen, 📞 (Phone)

🏁 Phone opens.

2

Tap Dial/Call logs ➡ ⋮ ➡ `Call settings`

🏁 Call settings open.

3

`Additional settings` ➡ `Call service settings`

🏁 Call service settings open.

Phone

LG V60 ThinQ 5G

4

`Call Waiting` (⬤)

🏁 Call Waiting is activated.

· If Call Waiting is set and a second call arrives during a call, Call Waiting tone is heard. Drag 📞 up to begin call.

Using Group Calling

This service requires separate subscription.

1

During a call, ⋮

2

`Add call`

3

Enter phone number ➔ 📞

🏁 Call is added.

4

When the other party answers, Merge calls

Group Calling starts.

Using Caller ID Notification

1

In Home Screen, (Phone)

Phone opens.

2

Tap Dial/Call logs → ⋮ → Call settings

Call settings open.

3

Additional settings → Other settings

Other settings open.
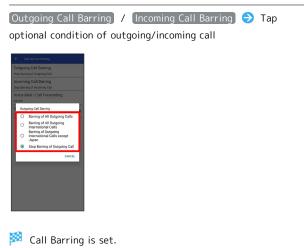
4

Caller ID ➔ Hide number / Show number

🏁 Caller ID is set.

❙ Using Call Barring

Restrict outgoing/incoming calls to specific numbers.

· When attempting to place a call while calling is restricted, a message appears. Message may take time to appear in some areas.

1

In Home Screen, 📞 (Phone)

🏁 Phone opens.

2

Tap Dial/Call logs ➔ ⋮ ➔ Call settings

🏁 Call settings open.

3

Additional settings ➔ Call service settings

🏁 Call service settings open.

4

Outgoing Call Barring / Incoming Call Barring ➡ Tap optional condition of outgoing/incoming call

🏁 Call Barring is set.

Phone Number

Checking Your Phone Number

1

In Home Screen, ⚙ (Settings)

2

System ➡ About phone

3

Status

🏁 Check phone number.

Using Contacts

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

Use labels to manage contacts in groups.

Specify and block numbers to reject arriving calls and SMS.

> ⚠️ **Contacts Cautions**
>
> Information saved in Contacts may be lost or changed if Internal Battery is left uncharged for a long period. Accident or malfunction may also cause loss or change to information. It is recommended that you keep a separate copy of contacts and other important information. SoftBank Corp. is not responsible for any damages from lost or changed contacts.

Adding New Contacts

1

In Home Screen, ⦂⦂⦂

2

👤 (Contacts)

🏁 Contacts open.

· If confirmation appears, follow onscreen instructions.

3

＋

🏁 Window for saving new contact opens.

· If confirmation appears, follow onscreen instructions.

4

Enter items

5

Save

🏁 Contact is added.

Messaging

+Message

Sending New Messages

1

In Home Screen, 📱 (+Message)

2

3

4

New message

5

Tap destination

🏁 Message window opens.

· To send to a phone number/email address not saved in contacts, enter phone number/email address in Enter name and phone number field ➔ Tap Add and create message.

6

Tap message entry field

7

Enter message ➔ ➤

🏁 Message is sent.

Internet

Using Chrome
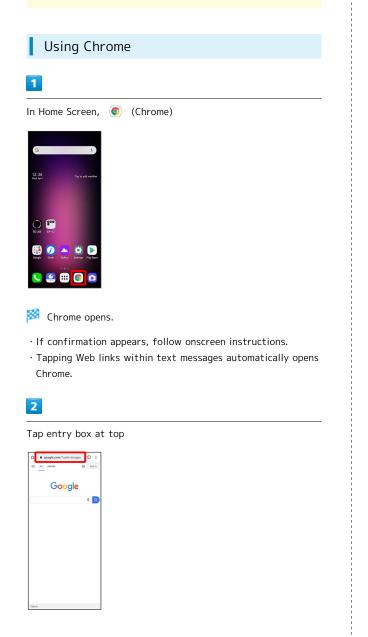
Use Chrome simply by entering words to search and URLs.

💡 TLS

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

⚠ TLS Cautions

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

Using Chrome

1

In Home Screen, 🔴 (Chrome)

🏁 Chrome opens.

· If confirmation appears, follow onscreen instructions.
· Tapping Web links within text messages automatically opens Chrome.

2

Tap entry box at top

3

Enter search words or URL

4

➡

🏁 Search results appear or a Website opens.

➕ Chrome Operations

Opening New Tabs

Open several tabs to switch between Websites easily.

In Chrome, ⋮ ➡ New tab

🏁 New tab appears.
· To switch between tabs, Tap 2 and Tap tab. Number in icon indicates opened tabs.

Closing Tabs

In Chrome, 2 ➡ Tap ✕ for tab to close

🏁 Tab is closed.
· Number in icon indicates opened tabs.
· Alternatively, Flick/Swipe tab left/right to close.
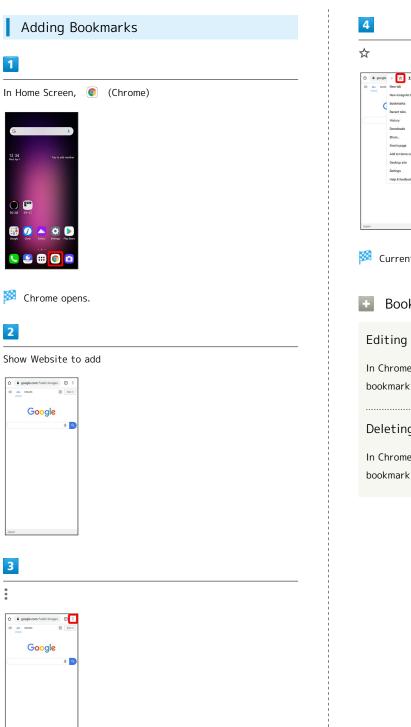
Searching within Website

Search for strings of characters within Websites.

With Website open, ⋮ ➡ Find in page ➡ Enter search text

🏁 Search results are shown highlighted.

Adding Bookmarks

1

In Home Screen, 🌀 (Chrome)

🏁 Chrome opens.

2

Show Website to add

3

⋮

4

☆

🏁 Current Website is added to Bookmarks.

➕ Bookmark Operations

Editing Bookmarks

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

Deleting Bookmarks

In Chrome, ⋮ ➡ Bookmarks ➡ Touch & Hold target bookmark ➡ 🗑

Camera

Capturing Still Images/Videos

🔅 File Format for Still Images/Videos

File Format for Still Images

File format for still images is JPEG.

File Format for Videos

File format for videos is MPEG-4.

⚠️ Camera Cautions

If Lens Becomes Dirty

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

Avoid Exposure to Direct Sunlight

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

🚫 Flashlight Warning

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

▍Capturing Still Images

1

In Home Screen, 📷 (Camera)

🏁 Viewfinder appears.

· If confirmation appears, follow onscreen instructions.

2

Aim Camera at subject

3

○

🏁 Shutter clicks and still image is saved.

➕ Operations when Capturing Still Images

Zooming In/Out

In Photo Viewfinder, Pinch Display

· Alternatively, Drag 🔵 (Lens Switch/Zoom) to adjust the zoom ratio.

Capturing with Volume (Up/Down) Key

In Photo Viewfinder, Press Volume (Up/Down) Key

Tapping Area for Focus Lock

In Photo Viewfinder, Tap the area to focus ➡️ ○

· Alternatively, Tap 📷 appearing on the area to capture.

Continuous Capturing
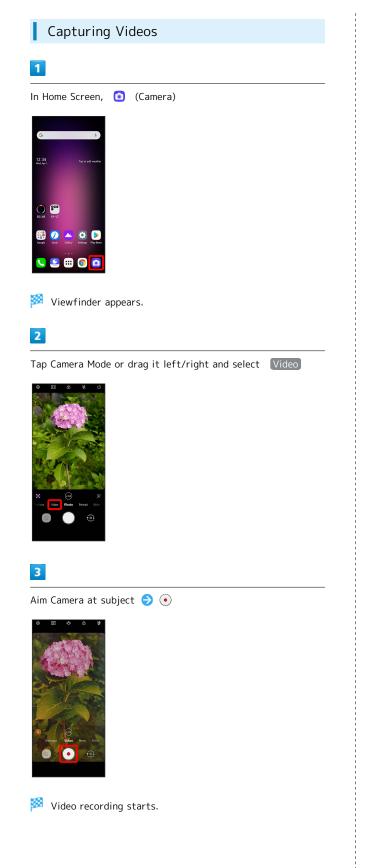
In Photo Viewfinder, Touch & Hold ○

· In Photo Viewfinder, Press Volume (Up/Down) Key.
· Available to capture images up to 100.

Checking Captured Images

In Photo Viewfinder, Tap the thumbnail image

· Still image/video captured at a previous time opens.

Capturing Videos

1

In Home Screen, ⬛ (Camera)

🏁 Viewfinder appears.

2

Tap Camera Mode or drag it left/right and select [Video]

3

Aim Camera at subject ➡ ⦿

🏁 Video recording starts.

4

To stop recording, ⦿

🏁 Video recording stops and video is saved.

➕ Operations when Capturing Videos

Zooming In/Out

In Video Viewfinder, Pinch Display

· Alternatively, Drag (Lens Switch/Zoom) to adjust the zoom ratio.

Checking Captured Videos

In Video Viewfinder, Tap the thumbnail image

· Still image/video captured at a previous time opens.

Capturing Still Images while Capturing Videos

In Video Viewfinder, ⬚

Pausing Video Capturing

In Video Viewfinder, ⏸

· To resume, Tap ⦿ .

Viewing Captured Still Images/ Videos (Gallery)

Showing Still Images/Videos

Show captured or downloaded still images and videos.
Supported file formats are as follows.

Type	File Format
Still image	BMP, WBMP, GIF, JPEG, PNG, WebP, JPS, MPO, RAW, HEIF
Video	avi, mkv, mp4, 3gp, 3g2, m4v, ts, webm, flv, asf, wmv, ps, m2ts, mov, k3g

1

In Home Screen, 🔼 (Gallery)

🏁 Still image/video list opens.

· If confirmation appears, follow onscreen instructions.

2

Tap Photos/Albums/Memories/Play

· Depending on category, after Tapping an item, Tap another item (e.g., album name).

3

Tap still image/video

🏁 Still image/video opens.

· For videos, Tap ▶ to play.
· To select other files, Tap ◄ to return to list, then select file again or Flick/Swipe still image/video window left or right.

➕ Still Image/Video Viewing Operations

Zooming In/Out on Still Images/Videos

In still image window, Tap Display twice or Pinch

Adding/Deleting Still Image/Video as Favorite

In still image/video window, ⭐ / ✩

Activating Camera

In still image/video window, ⋮ ➡ Camera

Showing Option Menu

In still image/video window, ⋮

Creating GIF Animation from Continuous Photos

In continuous photo window, 🔘 ➡ Follow onscreen instructions

· If confirmation appears, follow onscreen instructions.

Creating GIF Animation from Videos

In video window, 🔘 ➡ Follow onscreen instructions

· If confirmation appears, follow onscreen instructions.

Sharing Still Images/Videos

In still image/video window, 🔗 ➡ Select applications ➡ Follow onscreen instructions

Application Basics

Applications

Setting Required Permissions for Applications

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

The type and content of a confirmation differ with the application. Activating 🎵 (Music) for the first time is described as an example.

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

1

In Home Screen, ⊞

2

🎵 (Tools)

3

🎵 (Music)

4

ALLOW

🏁 Settings are complete.

· For several functions, continue in the same way.

➕ Other Ways to Set Required Permissions for Applications

Setting Functions to Use for Each Application

In Home Screen, ⚙ (Settings) ➜ Apps ➜ App info ➜ Tap application ➜ Permissions ➜ Tap function ➜ Allow / Deny

· If "Location" is tapped for function, tap Allow all the time / Allow only while using the app / Deny .

Setting Applications with Permitted Usage for Each Function

In Home Screen, ⚙ (Settings) ➜ Apps ➜ Permission manager ➜ Tap function ➜ Tap application ➜ Allow / Deny

· If "Location" is tapped for function, tap Allow all the time / Allow only while using the app / Deny .

Adding/Deleting Applications

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

➕ How to Use Google Play

In Google Play, ≡ ➔ Help & feedback

🏁 Google Play Help window opens.

⚠️ Installing Applications

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

Installing Free Applications

1

In Home Screen, ▶ (Play Store)

🏁 Google Play appears.

· If confirmation appears, follow onscreen instructions.

2

Tap free application

3

Install

🏁 Application is downloaded and installed.

· If confirmation appears, follow onscreen instructions.

Purchasing Paid Applications

1

In Home Screen, ▶ (Play Store)

🏁 Google Play appears.

2

Tap paid application

3

Tap amount

· If confirmation appears, follow onscreen instructions.

4

BUY

5

Enter password for Google account ➡ VERIFY

6

OK

🏁 The application is downloaded and installed.

💡 **Purchased Applications**

Payment

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

On Other Android Devices

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

➕ **Requesting Refunds**

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

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

⚠ **Purchasing Applications**

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

Updating Applications

1

In Home Screen, ▶ (Play Store)

🏁 Google Play appears.

2

☰ → My apps & games → Tap application to update → Update

🏁 The application is downloaded and installed.

· If confirmation appears, follow onscreen instructions.

➕ Setting Application Updates

Setting Automatic Updates for Applications

In Google Play, ☰ → Settings → Auto-update apps → Set update method → DONE

Setting Automatic Updates for Individual Applications

In Google Play, ☰ → My apps & games → Tap application → ⋮ → Enable auto update (✅)

· Automatic updates are unavailable for some applications.

Wi-Fi/Bluetooth®

Connecting by Wi-Fi

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

💡 Automatic Updates for Optimizing Wi-Fi Connection

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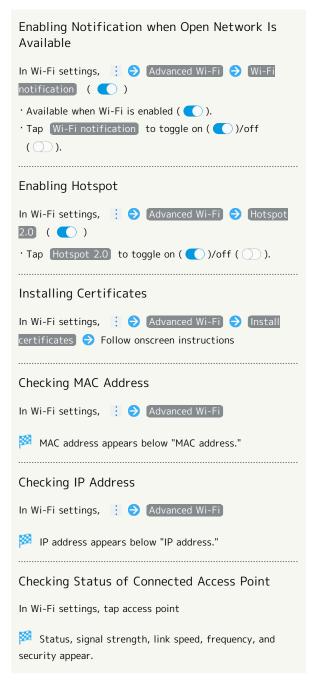
Selecting a Network Connection

1

In Home Screen, ⚙ (Settings)

2

Network & internet

3

Wi-Fi

🏁 Wi-Fi settings open.

4

Off (🔵)

🏁 Wi-Fi is enabled.

· Tap Off / On to toggle on (🔵)/off (⚪).

5

Tap access point

6

Enter password ➔ Connect

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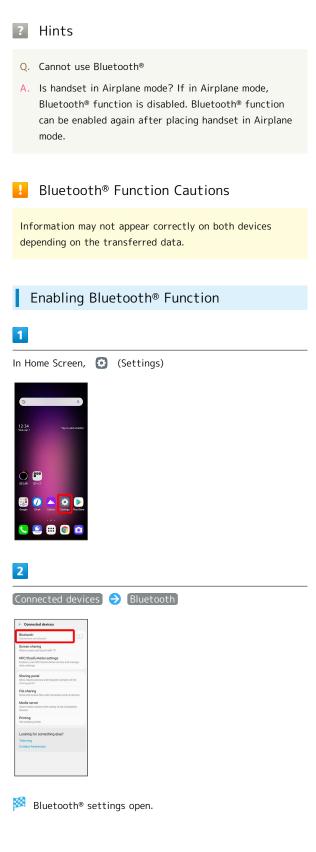
· The password, for a household wireless LAN router, is sometimes found on a sticker on the router (WEP, WPA, KEY, etc.). Contact the router manufacturer for information. For password for a public wireless LAN, check with your service provider.
· Entering a password is not required if an access point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

➕ Wi-Fi Operations

Enabling Notification when Open Network Is Available

In Wi-Fi settings, ⋮ ➡ `Advanced Wi-Fi` ➡ `Wi-Fi notification` (🔵)

· Available when Wi-Fi is enabled (🔵).

· Tap `Wi-Fi notification` to toggle on (🔵)/off (⚪).

Enabling Hotspot

In Wi-Fi settings, ⋮ ➡ `Advanced Wi-Fi` ➡ `Hotspot 2.0` (🔵)

· Tap `Hotspot 2.0` to toggle on (🔵)/off (⚪).

Installing Certificates

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

---

Checking MAC Address

In Wi-Fi settings, ⋮ ➡ `Advanced Wi-Fi`

🏁 MAC address appears below "MAC address."

Checking IP Address

In Wi-Fi settings, ⋮ ➡ `Advanced Wi-Fi`

🏁 IP address appears below "IP address."

Checking Status of Connected Access Point

In Wi-Fi settings, tap access point

🏁 Status, signal strength, link speed, frequency, and security appear.

Using Bluetooth® Function

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

❓ Hints

Q. Cannot use Bluetooth®

A. Is handset in Airplane mode? If in Airplane mode, Bluetooth® function is disabled. Bluetooth® function can be enabled again after placing handset in Airplane mode.

⚠ Bluetooth® Function Cautions

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

Enabling Bluetooth® Function

1️⃣

In Home Screen, ⚙ (Settings)

2️⃣

`Connected devices` ➡ `Bluetooth`

🏁 Bluetooth® settings open.

3

Off (🔵)

🏁 Bluetooth® function is enabled.

· Tap Off / On to toggle on (🔵)/off (⚪).

➕ **Changing Handset Name that Appears on Other Devices**

In Bluetooth® settings, ⋮ ➡ Edit phone name ➡
Enter name ➡ Save

· Available when Bluetooth is enabled.

⚠ **Bluetooth® Function Cautions**

Connection

Bluetooth® connection may not be possible with some devices. In addition, noise may interfere with wireless or hands-free conversations.

File Transfer

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

Handset Settings

Handset Settings

Main setting operations are described in the User Guide.

Handset Settings

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

Item	Description
Network & internet	Make network and Internet settings for Wi-Fi, mobile networks, data usage, etc.
Connected devices	Make Bluetooth® connection and other settings.
Sound	Make ringtone, operation tones, and other sound settings.
Notifications	Make notification settings.
Display	Set Display brightness, wallpaper, etc.
Wallpaper & theme	Set Wallpaper or Theme for Home Screen.
Lock screen & security	Make security settings including screen lock, security codes, etc.
Privacy	Make settings for application permissions, display of password, etc.
Location	Make settings for location information history, use of location information by application, etc.
Extensions	Make settings for optimizing phone.
Apps	Make application settings.
Battery	Check Battery usage and make settings to save battery power.
Storage	Check internal and SD Card storage, mount/unmount SD Card, and delete SD Card data.
Accounts	Create/add accounts and sync accounts.
Digital Wellbeing & parental controls	Make settings for phone usage stats.
Google	Make settings for Google services.
System	Check and make settings for language, text entry, date and time, data backup, default reset, and handset information.
Accessibility	Set captions, magnification gestures, and other useful accessibility functions.

In Home Screen, ⚙ (Settings)

🏁 Handset settings open.

Select item to set

🏁 Settings open.

Network & Internet Settings

Make network and Internet settings for Wi-Fi, mobile networks, data usage, etc.

💡 Wi-Fi Settings

For details on Wi-Fi settings, see "Connecting by Wi-Fi."

▍ Mobile Data Settings

Check amount of cellular data transfers and set limit on usage.

1️⃣

In Home Screen, ⚙ (Settings) ➡ Network & internet

🏁 Network & internet opens.

2️⃣

Mobile data

🏁 Mobile data opens.

➕ Mobile Data Operations

Set Data Saver

In data usage window, ⋮ ➡ Data Saver ➡ Off (🔘)

· Tap Off / On to toggle on (🔘)/off (⚪).

Set Functions Not Subject to Data Saver

In data usage window, ⋮ ➡ Data Saver ➡ Unrestricted data access ➡ Tap functions to set

· Tap application to toggle on (🔘)/off (⚪).
· Available when Data Saver is enabled.

Enable Cellular Data

In data usage window, Off (🔘)

· Tap Off / On to toggle on (🔘)/off (⚪).
· If confirmation appears, follow onscreen instructions.

View Data Usage with Wi-Fi

In data usage window, ⋮ ➡ Show Wi-Fi usage (✅)

🏁 "Wi-Fi" tab appears in data usage window. Tap "Wi-Fi" tab to check Wi-Fi data usage.
· Tap Show Wi-Fi usage to toggle open/close.

Restrict Data Use with Cellular Access Point

In data usage window, ⋮ ➡ Restrict networks ➡ Tap Wi-Fi network to restrict (🔘)

Sound Settings

Make ringtone, operation tones, and other sound and notification settings.

Sound Settings

Settable items are the following.

Item	Description
Sound profile	Set ringtone, operation sounds, etc. not to sound to avoid disturbing others around you. For details, see "Sound Profile."
Volume	Set volume for phone ringtone, notification sound, etc.
Ringtone	Set phone ringtone.
Notification sound	Set notification sound.
Ring with vibration	Enable vibration for ringtone.
Ringtone ID	Set to create a unique ringtone for each call based on the phone number.
Flash alert for incoming call	Enable flash-blinking according to ringtone.
Do not disturb	Set notification restrictions.
Sound quality and effects	Adjust media volume or sound effects.
Vibration strength	Adjust vibration strength for incoming call, notification, and tapping.
Vibration type	Set vibration for incoming calls.
Vibrate on tap	Enable vibration when tapping specified items on the screen.
Dialing keypad sound	Enable confirmation tones for dialpad operation.
Touch sound	Enable confirmation tones for touch operation.
Screen lock sound	Enable tone when locking or unlocking screen.

Sound Settings Operations

Setting Notification Sound

In Sound, Notification sound ➡ Tap notification sound ➡ Apply

Setting Notification Restrictions

Enable notification sound or vibration.

In Sound, Do not disturb ➡ Mode ➡ Priority only / Total silence ➡ Specify items

Adjusting Volume Automatically

In Sound, Sound quality and effects ➡ Normalize volume (🔵)

· Tap Normalize volume to toggle on (🔵)/off (⚪).

Adjusting Sound Quality Using Equalizer

In Sound, Sound quality and effects ➡ Equalizer ➡ Normal / Classic / Pop / Rock / Hip Hop / Jazz / Latin / Acoustic / Electronic / Lounge / Soft lounge / Vocal booster / Treble booster / Bass booster

· Tap ＋ to add new equalizer.

Using LG 3D Sound Engine

In Sound, Sound quality and effects ➡ LG 3D Sound Engine ➡ Off (🔵)

· Tap Off / On to toggle on (🔵)/off (⚪).
· Tap Auto / Cinema / Music / Voice to switch the 3D sound effect.
· To use LG 3D Sound Engine, connect earphones/headphones/speaker(s) on the market to Earphones-Microphone Jack, or connect Bluetooth compatible earphones/headphones/speaker(s) to handset via Bluetooth.

Setting Vibration for Incoming Calls.

In Sound, Vibration type ➡ Match LG ringtones / Long Lasting / Rapid / Short repeated / Standard / Ticktock ➡ Apply

Display Settings

Set Display brightness, etc.

Display Settings

Settable items are the following.

Item	Description
Home screen	Make settings for Home Screen.
New Second Screen	Set the design of Second Screen (around Status Bar).
Navigation bar	Switch or set the style of navigation bar.
AOD (always-on display)	Set the items shown on the screen while in sleep mode.
Comfort view	Set whether to reduce blue light from Display.
Night mode	Set the screen shown at night to a dark theme.
Screen color	Set the colors on the screen such as color temperature or RGB levels.
Video Enhancer	Set to enhance image quality in playing back video.
Font	Set the size or type of font for Display.
Brightness	Set the brightness of Display.
Auto	Change brightness automatically depending on the surrounding lighting.
Display size	Set the size of icons or texts in Display.
App scaling	Set the screen size of each application.
Screen timeout	Set the time before the screen turns off automatically for the case of non-operation for a certain time.
Auto-rotate screen	Set whether to rotate Display with handset orientation automatically.
Screen saver	Set screen saver.
One-handed screen	Set to bring down the screen temporarily to make tapping easier by one hand when flicking/swiping from the left or right edge of the screen and keeping your finger touched.

➕ Display Settings Operations

Adjusting Brightness

In Display, drag 🔵 of Brightness left/right

· Tapping Auto (🔵) changes brightness automatically depending on the surrounding lighting.

Setting Screen Saver

In Display, Screen saver ➡ Off (🔵) ➡ Colors / Clock / Photos

· Tap ⚙ to set screen saver.
· You can check the screen saver type you selected by tapping Start Screen saver .

Lock Screen & Security Settings

Make security settings including screen lock, security codes, etc.

▌ Lock Screen & Security Settings

Settable items are the following.

· Displayed items depend on the setting of screen lock.

Item	Description
Google Play Protect	Enable regular scanning of handset to check for security threats.
Find My Device	Set to locate handset remotely if handset is lost.
Security update	Check for system updates.
Google Play system update	Check for Google Play system updates.
Operation password setting	Set operation password.
Select screen lock	Set method for unlocking screen.
Customize Lock screen	Make information settings for Display in Lock Screen.
Secure lock settings	Make settings for screen lock.
Fingerprints	Set fingerprints.
Content lock	Set to lock files in Gallery and QMemo+ memos.
Encryption & credentials	Make settings for encryption, credentials, installing certificates, etc.
Set up SIM card lock	Make settings for USIM Card lock.
Phone administrators	Set whether to enable device administration functionality.
Trust agents	Set whether to show trusted agents.
Screen pin	Set to keep only screen of specified application in view.
Usage access	Manage applications that can access application usage history data.

➕ Lock Screen & Security Settings Operations

Setting Screen Not to Lock

In Lock screen & security, `Select screen lock` ➡ `None`

· If method for unlocking screen is set other than `None` or `Swipe` before changing setting, first Tap `Select screen lock` and unlock screen.

· If confirmation appears, follow onscreen instructions.

Displaying Contact Information on Lock Screen for Lost Phone

In Lock screen & security, `Customize Lock screen` ➡ `Contact info for lost phone` ➡ Enter contact information and message within 50 characters ➡ `Save`

· You can make this setting except when screen lock method is set to `None` .

Setting to Keep Only Screen of Specified Application in View.

In Lock screen & security, `Screen pin` ➡ `Off` (🔵) ➡ Activate application to apply this setting ➡ Drag —— (Home) up ➡ Tap application icon to pin ➡ `Screen pinning`

· To cancel screen pin, Drag —— (Home) up.

· If confirmation appears, follow onscreen instructions.

Enabling USIM PIN

When PIN is enabled, PIN entry window appears to permit handset use each time handset is powered on with USIM Card installed.

1

In Home Screen, ⚙ (Settings)

2

Lock screen & security

🏁 Lock screen & security settings open.

3

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

🏁 PIN is enabled.

⚠ PIN Cautions

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

76

Changing USIM PIN

First enable SIM PIN to change PIN.

1

In Home Screen, ⚙ (Settings)

2

Lock screen & security

🏁 Lock screen & security settings open.

3

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

🏁 PIN is changed.

Extensions

Make settings for optimizing phone.

Extensions

Settable items are the following.

Item	Description
Smart Doctor	Enable optimization or diagnosis for handset.
Context Awareness	Set to change settings or activate application automatically.
Personalized service	Use integrated search to get more convenient search results.
Gaming	Make settings for game.
Screen recording	Set to select screen records from the notification panel to record a screen.
Dual App	Install Dual App of an application to use with a separate account.
Pen	Make settings for using Stylus Pen.
Shortcuts	Set whether to enable shortcut actions to start some functions immediately.
KnockON	Set whether to turn on/off the screen when Double-Tapping the screen.
Increase touch sensitivity	Set to increase touch sensitivity to make the screen more sensitive to touch.

Battery Settings

Show battery charge level and make settings to save battery power.

Battery Settings

Settable items are the following.

Item	Description
Battery usage	Check battery charge level, remaining time and usage.
Battery percentage on status bar	Set whether to show battery percentage in Status Bar.
Optimized charging	Adjust charging speed automatically to extend lifespan of battery.
Adaptive battery	Set whether to limit battery usage of applications.
Background restrictions	Select applications to save battery power.
Battery saver	Set whether to use Battery saver.
Power saving exclusions	Select applications not to use Battery saver.
APP USAGE	Check battery usage for each application since full charge.

Battery Operations

Checking Battery Usage Details

In Battery settings, `Battery usage`

Show detailed usage of battery charge level, remaining time and battery.

Showing battery percentage (%) in Status Bar

In Battery settings, `Battery percentage on status bar` ( )

Show battery percentage (%) on the left of battery icon in Status Bar.
· Tap `Battery percentage on status bar` to toggle on ( )/off ( ).

System Settings

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

System Settings

Settable items are the following.

Item	Description
Update center	Update applications and system provided by LG. For details, see "System Update."
Language & keyboard	Make settings for language to apply and text entry.
Date & time	Make settings for date and time.
Memory	Check memory usage.
Backup	Make settings for data backup.
Restart & reset	Make auto-restarting operation and also resetting operation of network settings, application settings, and factory data.
About phone	Check handset status, legal information, and the Android version.
Regulatory & safety	Show information of regulatory & safety.

System Settings Operations

Setting the Display Language

In System settings, `Language & keyboard` `Language` `Add language` Tap language
· The language shown on the uppermost is used.
· Drag to rearrange languages.

Setting Input Method

In System settings, `Language & keyboard` `Manage keyboards` `Default keyboard` Tap input method

Setting On-Screen Keyboard

In System settings, `Language & keyboard` `Physical keyboard` Follow onscreen instructions

Setting Text-to-Speech Output

In System settings, `Language & keyboard` `Text-to-speech output` Tap item Follow onscreen instructions
· You can check the specified settings by tapping `Preview`.
· Tap `Reset` to cancel settings.

Setting Pointer Speed of Mouse/Trackpad

In System settings, `Language & keyboard` ➡ Drag `Pointer speed` ➡ ⬤ left/right to adjust speed ➡ `OK`

Transferring Data with LG Mobile Switch

In System settings, `Backup` ➡ `LG Mobile Switch` ➡ Tap item ➡ Follow onscreen instructions

· If confirmation appears, follow onscreen instructions.

Making Backup on Internal Storage/SD Card

In System settings, `Backup` ➡ `Back up & restore` ➡ `Backup` ➡ Follow onscreen instructions

· If confirmation appears, follow onscreen instructions.

Making Backup on Google Drive

In System settings, `Backup` ➡ `Google backup` ➡ Follow onscreen instructions

· Turning off this setting restricts communication with backup to Google Drive.

Other Settings

Network & internet

Make network and Internet settings for Wi-Fi, mobile networks, data usage, etc.
Settable items are the following.

Item	Description
Wi-Fi	Enable Wi-Fi connection. For details, see "Connecting by Wi-Fi."
Mobile data	Check amount of cellular data transfers and set limit on usage.
Call	Make settings for optional services including Voicemail and Call Forwarding, and also the setting of Call Waiting.
Tethering	Make tethering settings.
Airplane mode	Leaving power on, suspend all the signal-transmitting functions.
Mobile networks	Set priority network type, etc. For details about cellular provider and global roaming service, see "Global Roaming."
VPN	Add a VPN.
Private DNS	Make private DNS settings.

➕ Setting VPN

To make VPN access settings with handset, obtain security information from the network administrator.

In Network & internet, `VPN` ➡ ➕ ➡ Tap setting item following instructions of the network administrator ➡ Specify setting item ➡ `Save`

· Set method for unlocking screen beforehand.

Connected devices

Make Bluetooth® connection and other settings.
Settable items are the following.

Item	Description
Bluetooth	Enable Bluetooth® connection. For details, see "Using Bluetooth® Function."
Screen sharing	Output image or sound saved on handset with TV.
NFC/Osaifu-Keitai settings	Make NFC/Osaifu-Keitai® settings.
Sharing panel	Enable to show notifications when sharing contents for each application.
File sharing	Enable File sharing function.
Media server	Enable Media server function.
Printing	Make settings for cloud printing.

Notifications

Make notification settings.
Settable items are the following.

Item	Description
Apps	Set applications to receive notifications.
Lock screen	Set whether to show notifications on Lock Screen.
Status bar icons	Set whether to show icons on Status Bar.
Allow notification snoozing	Set whether to allow notification snoozing.
Suggested actions and replies	Set whether to automatically show suggested actions and replies.
Icon badges	Set notifications of icon badges
Brief notifications	Set whether to show notifications received while the screen is off by turning on a part of screen.

⊞ Applying Notification Block to Application

Block all notifications from specified application.

In Notifications, Apps ➔ Tap application to apply notification block (⬭)

Storage

Check internal and SD Card storage, mount/unmount SD Card, and delete SD Card data.
Settable items are the following.

Item	Description
Internal storage	View information on internal storage usage.
External storage	Make settings for SD card/USB storage and check storage space.

⚲ Storage Operations

Checking Details on Internal Storage

Tapping each item of internal storage on the Storage screen shows details on items saved or installed on handset.

Unmounting/Formatting SD Card

You can unmount the SD card or format it by deleting data. For details, see "Internal Storage/SD Card."

Accounts

Create/add accounts and sync accounts.
Settable items are the following.

Item	Description
Auto-sync accounts	Set permissions for syncing data automatically.
Add account	Create or add accounts.

⊞ Setting Auto-sync for Applications/ Data

In Accounts, Auto-sync accounts (⬭) ➔ Turn on (⬮)

· To disable, Auto-sync accounts (⬮) ➔ Turn off (⬭)

Google

Make settings for Google services together at the same time. Select a menu and follow onscreen instructions. For details on each menu, see Help for each menu.

Accessibility

Set useful accessibility functions.
Settable items are the following.

Item	Description
Vision	Make visual accessibility settings.
Hearing	Make aural accessibility settings.
Motor & cognition	Make motor and cognitive accessibility settings.
Accessibility features shortcut	Set whether to immediately enable accessibility features by pressing Power Key and Volume Up Key at the same time.
Auto-rotate screen	Set whether to rotate Display with handset orientation automatically.
Select to Speak	Set whether to read out the selected item on Display.
Switch Access	Set whether to assign keys to the operation of handset.
Smart Security	Enable Smart Security.
詐欺ウォール	Enable 詐欺ウォール (accessibility function).

Setting whether to Read Out Information on the Other Party when Arriving call

In Accessibility, Vision ➡ Voice notifications ➡ Off (🔵)

· Read out information when Calls is enabled (🔵).
· Tap Voice notifications language to specify the text-to-speech engine or adjust speech rate.

Global Services

Global Roaming

Handset is Global roaming Service eligible. Use the same handset number outside Japan.
Handset connects to an appropriate cellular provider automatically by default. A specific carrier can also be selected manually.
Change communication method and data roaming settings.

Setting a Cellular Provider

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

1

In Home Screen, ⚙ (Settings) ➡ Network & internet

2

Mobile networks ➡ Network operators

3

Search networks

🏁 Handset searches for all available networks, and network list appears.

· If confirmation appears, follow onscreen instructions.
· Tap Select automatically when using handset in Japan.

4

Tap provider

🏁 Cellular provider is set.

· To connect automatically to an appropriate carrier, Tap Select automatically in Network operators.
· Tap SoftBank when using handset in Japan. When the network operator is set other than that, handset cannot connect to networks.

Changing Data Roaming Setting

1

In Home Screen, ⚙️ (Settings) ➡️ Network & internet

2

Mobile networks

3

Data roaming (🔵)

🏁 Data roaming is enabled.

· Tap Data roaming to toggle on (🔵)/off (⚪).
· If confirmation appears, follow onscreen instructions.

Making Calls while Abroad

International Calls to Japan and Other Countries from Abroad

1

In Home Screen, 📞 (Phone)

🏁 Phone opens.

· If confirmation appears, follow onscreen instructions.

2

Tap Dial

🏁 Dialing screen opens.

3

Touch & Hold "0"

🏁 "+" appears.

4

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

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

5

 Handset dials number. Call begins when other party answers.

Calls to Landline Phones/Cell Phones in Country of Stay

Place calls the same way you would within Japan.

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

1

In Home Screen, (Phone)

 Phone opens.

2

Tap Dial

 Dialing screen opens.

3

Tap dialpad to enter the other party's number

4

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

Warranty/Specifications/
Customer Services

Warranty & After-Sales Service

Warranty

- The warranty period is 1 year from the date of newly purchase.
- Repairs will be done based on terms of free repair service. Terms of free repair service is referred to SoftBank Website.
  https://cdn.softbank.jp/mobile/set/common/pdf/legal/spguide/common/warranty.pdf (Japanese)
- Warranty covers handset, Dual Screen, and charging connector. Other Accessories such as cables or samples are not covered by terms of free repair service.

⚠ Cautions

Damages

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

Accidents/Repair

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

Disassembly/Modification

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

After-Sales Service

To request repairs, contact Customer Service or a nearby SoftBank Shop. Have details of symptoms ready. When you request repairs, prepare handset, Dual Screen, and charging connector.

- During the warranty period, repairs are made under the terms of free repair service.
- After the warranty period, if handset can be repaired, repairs will be made at cost. Repairing handset or Dual Screen will be made at cost. The functional parts necessary to repair handset will be available for 4 years generally after the manufacture is discontinued. Repair may not be possible because of a shortage of repair parts even during the warranty period.

💡 Further inquiries

For more information on after-sales service, contact a nearby SoftBank Shop or Customer Service.

Specifications

Handset

Item	Description
Dimensions (W × H × D)	Approx. 78 mm × 170 mm × 9.2 mm
Weight	Approx. 218g
Continuous Talk Time[1]	4G (LTE): Approx. 1260 minutes 5G: Approx. 1260 minutes (Voice Call not supported)
Continuous Standby Time[2]	4G: Approx. 550 hours 4G (LTE): Approx. 550 hours 5G: Approx. 525 hours
Charging Time	AC Charger [ZSDBAS][3]: Approx. 120 minutes
Charging Temperature Range	From 0℃ to 55℃
Maximum Output	4G: 0.3W 5G: 0.3W
Wireless LAN (Wi-Fi) Function	IEEE802.11 a/b/g/n/ac/ax-compliant

1. Average for a fully charged handset and normal signal reception at a single location. Value when data transmission/Urgent News is disabled. Time varies with conditions of usage (charge, temperature, etc.) and function settings.
2. Average for a fully charged handset and normal signal reception at a single location without being in call or operation. Value when data transmission/Urgent News is disabled. Time varies with conditions of usage (charge, temperature, etc.) and function settings.
3. USB Type-C™ quick charger compatible with SoftBank SELECTION USB PD [SB-AC20-TCPD]

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

"A001LG" here refers to this mobile phone " LG V60 ThinQ 5G".

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

This mobile phone 【A001LG】 meets the Japanese technical regulations* and international guidelines for exposure to radio waves.
The Japanese technical regulations for exposure to radio frequency energy established permitted levels of radio frequency energy, based on standards developed by independent scientific organizations through periodic and thorough evaluation of scientific studies.
The regulation employs a unit of measurement known as the Specific Absorption Rate, or SAR.
The SAR limit is 2 watts/kilogram (W/kg) averaged over ten grams of tissue.
The limit includes a substantial safety margin designed to assure the safety of all persons, regardless of age and health.
The value of the limit is equal to the value given in international guidelines recommended by ICNIRP**, which is in collaboration with the World Health Organization (WHO).
The highest SAR value for this mobile phone is 1.263 W/kg*** when tested for use at the ear, and 0.586 W/kg*** when worn on the body in the below manner****.
While there may be differences between the SAR levels of various phones and at various positions, all phones meet the Japanese technical regulations.
Although the SAR is determined at the highest certified power level, the actual SAR of the phone during operation can be well below the maximum value.

* The technical regulation is provided in Article 14-2 of the Ministry Ordinance Regulating Radio Equipment.
** International Commission on Non-Ionizing Radiation Protection
*** The value is under simultaneous transmission use conditions.
**** Use at positions other than at the ear
This mobile phone may be used at positions other than at the ear. By using an accessory such as a belt clip holster that maintains a 1.5 cm separation with no metal (parts) between the body and the mobile phone, this mobile phone will comply with international guidelines for radio wave protection.

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

For more information about SAR, see the following websites:
Ministry of Internal Affairs and Communications (MIC)
http://www.tele.soumu.go.jp/e/sys/ele/body/index.htm
Association of Radio Industries and Businesses (ARIB)
http://www.arib-emf.org/01denpa/denpa02-02.html
(Japanese)

European RF Exposure Information

This mobile phone 【A001LG】 is confirmed to comply with guidelines relating to effects of radio wave exposure as set forth by the Council of Europe (CE). Refer to the following.

■European RF Exposure Information
Your mobile device is a radio transmitter and receiver. It is designed not to exceed the limits for exposure to radio waves recommended by international guidelines. These guidelines were developed by the independent scientific organization ICNIRP and include safety margins designed to assure the protection of all persons, regardless of age and health. The guidelines use a unit of measurement known as the Specific Absorption Rate, or SAR. The SAR limit for mobile devices is 2.0 W/kg and the highest SAR value for this device when tested at the ear is 0.546 W/kg*. As mobile devices offer a range of functions, they can be used in other positions, such as on the body. In this case, the highest tested SAR value is 1.460 W/kg* at the separation distance of 0.5 cm from the body. For electronic safety, maintain the separation distance with accessories containing no metal, that position handset a minimum of the above distance. Use of other accessories may not ensure compliance with RF exposure guidelines.

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

Simplified Declaration of Conformity for 【A001LG】
Hereby, LG Electronics declares that the radio equipment type 【A001LG】 is in compliance with Directive 2014/53/EU. The full text of the EU declaration of conformity is available at the following internet address: http://www.lg.com/global/declaration.

FCC RF Exposure Information

This mobile phone 【A001LG】 is confirmed to comply with guidelines relating to effects of radio wave exposure as set forth by the Federal Communications Commission (FCC). Refer to the following.

■FCC RF Exposure Information
Your handset is a radio transmitter and receiver. It is designed and manufactured not to exceed the emission limits for exposure to radio frequency (RF) energy set by the Federal Communications Commission of the U.S. Government.
The guidelines are based on standards that were developed by independent scientific organization through periodic and thorough evaluation of scientific studies. The standards include a substantial safety margin designed to assure the safety of all persons, regardless of age and health.
The exposure standard for wireless handsets employs a unit of measurement known as the Specific Absorption Rate, or SAR. The SAR limit set by the FCC is 1.6 W/kg. The tests are performed in positions and locations (e.g. at the ear and worn on the body) as required by the FCC for each model.
The highest SAR value for this model handset as reported to the FCC when tested for use at the ear is 0.66 W/kg, and when worn on the body in a holder or carry case, is 0.62 W/kg. Body-worn Operation; This device was tested for typical body-worn operations with the handset kept 1.0 cm from the body. To maintain compliance with FCC RF exposure requirements, use accessories that maintain a 1.0 cm separation distance between the user's body and the handset. The use of beltclips, holsters and similar accessories should not contain metallic components in its assembly.
The use of accessories that do not satisfy these requirements may not comply with FCC RF exposure requirements, and should be avoided. The FCC has granted an Equipment Authorization for this model handset with all reported SAR levels evaluated as in compliance with the FCC RF emission guidelines. SAR information on this model handset is on file with the FCC and can be found under the Display Grant section of http://www.fcc.gov/oet/ea/ after searching on FCC ID ZNFOA2001.
Additional information on Specific Absorption Rates (SAR) can be found on the FCC website at https://www.fcc.gov/general/radio-frequency-safety-0.

FCC ID Location
The device is electronically labeled and the FCC ID can be displayed from Home Screen as follows: From Home Screen ➡ ⚙ (Settings) ➡ System ➡ Regulatory & safety .

The World Health Organization has stated that present scientific information does not indicate the need for any special precautions for the use of mobile devices. They note that if you want to reduce your exposure then you can do so by limiting the length of calls or using a hands-free device to keep the mobile phone away from the head and body.

World Health Organization
http://www.who.int/emf
List of Specific Absorption Rates (SAR) for radio waves by smartphone/3G model
https://www.softbank.jp/mobile/support/sar/ (Japanese)

European Union Directives Conformance Statement

Declaration of Conformity

Hereby, LG Electronics declares that this A001LG product is in compliance with the essential requirements and other relevant provisions of Directive 2014/53/EU. A copy of the Declaration of Conformity can be found at https://www.lg.com/global/support/cedoc/cedoc

C E

5GHz Wi-Fi Device

The use of the 5150 – 5350 MHz band is restricted to indoor use only.

AT	BE	BG	CH	CY	CZ	DE	DK	EE	EL	ES	FI	FR
HR	HU	IE	IS	IT	LI	LT	LU	LV	MT	NL	NO	PL
PT	RO	SE	SI	SK	UK	AL	ME	RS	MK	TR	BA	XK

Tx Output power

Supported Bands	Tx Output power
GSM 900	33.7 dBm
GSM 1800	30.7 dBm
WCDMA B1	24.2 dBm
WCDMA B8	25.5 dBm
LTE B1	25.2 dBm
LTE B3	24.2 dBm
LTE B8	25.5 dBm
LTE B28	25.5 dBm
LTE B38	24.7 dBm
LTE B40	24.7 dBm
BT 2.4GHz	12.5 dBm
WLAN 2.4GHz	18.5 dBm
WLAN 5GHz	19.0 dBm
NFC	-26 dBuA/m

Important Safety Information

Important Safety Information

AIRCRAFT
Switch off your wireless device when boarding an aircraft or whenever you are instructed to do so by airline staff. Consult airline staff about the use of Airplane Mode in flight.

DRIVING
Full attention should be given to driving at all times and local laws and regulations restricting the use of wireless devices while driving must be observed.

HOSPITALS
Mobile phones should be switched off wherever you are requested to do so in hospitals, clinics or health care facilities. These requests are designed to prevent possible interference with sensitive medical equipment.

PETROL STATIONS
Obey all posted signs with respect to the use of wireless devices or other radio equipment in locations with flammable material and chemicals. Switch off your wireless device whenever you are instructed to do so by authorized staff.

INTERFERENCE
Care must be taken when using the phone in close proximity to personal medical devices, such as pacemakers and hearing aids.

Pacemakers
Pacemaker manufacturers recommend that a minimum separation of 15 cm be maintained between a mobile phone and a pacemaker to avoid potential interference with the pacemaker. To achieve this use the phone on the opposite ear to your pacemaker and do not carry it in a breast pocket.

Hearing Aids
Some digital wireless phones may interfere with some hearing aids. In the event of such interference, you may want to consult your hearing aid manufacturer to discuss alternatives.

NOTE: Excessive sound pressure from earphones and headphones can cause hearing loss.
To prevent possible hearing damage, do not listen at high volume levels for long periods.

For other Medical Devices:
Please consult your physician and the device manufacturer to determine if operation of your phone may interfere with the operation of your medical device.

CAUTION
RISK OF EXPLOSION IF BATTERY IS REPLACED BY AN INCORRECT TYPE.
DISPOSE OF USED BATTERIES ACCORDING TO THE INSTRUCTIONS.

Product care and maintenance
• Avoid exposing the device to low air pressure at high altitude.
• Do not expose the device to extremely low air pressure. Otherwise, it can cause explosion of the battery or leakage of flammable liquid or gas.

Warranty/Specifications/
Customer Services

LG V60 ThinQ 5G

FCC Notice

FCC Notice

This device complies with part 15 of FCC rules. Operation is subject to the following two conditions:
(1) This device may not cause harmful interference.
(2) This device must accept any interference received, including interference that may cause undesired operation.

Part 15.21 statement
Change or Modifications that are not expressly approved by the manufacturer could void the user's authority to operate the equipment.

Part 15.19 statement
This device complies with part 15 of FCC rules.
Operation is subject to the following two conditions:
(1) This device may not cause harmful interference.
(2) This device must accept any interference received, including interference that may cause undesired operation.

Part 15.105 statement
This equipment has been tested and found to comply with the limits for a class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

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

Customer Service

For questions or problems, feel free to contact Customer Service below.

SoftBank Customer Support

For all SoftBank inquiries, from fees to service information.

· From a SoftBank handset, dial toll free at 157
· From a landline, dial toll free at 🕭 0800-919-0157
· Business hours: Telephone 10 am - 7 pm / Chat 9 am - 8 pm

Smartphone Technical Support Center

For inquiries regarding handset operation and details of service.

· From a SoftBank handset, dial toll free at 151
· From a landline, dial toll free at 🕭 0800-1700-151
· Business hours: 9 am - 7 pm (weekdays) / 9 am - 5 pm
  (Saturdays, Sundays, and holidays)

Safety Precautions

Safety Precautions

Read Safety Precautions before using handset. Keep this guide for future reference.
Observe precautions to avoid injury to self or others, or damage to property.

Safety Precautions

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

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

1 Serious injury includes: Loss of eyesight, physical injury, high temperature burns, low temperature burns, electric shock, fractures, poisoning and other conditions having side effects or requiring hospitalization or long-term treatment.
2 Minor injury includes: Physical burns (high-temperature and low-temperature), electric shock, and other conditions not requiring hospitalization or long-term treatment.
3 Damage to property includes: Incidental damage to structures and household property and/or to pets and livestock.

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

Mark	Descriptions
🚫 Prohibited	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, USIM Card, USIM Card Opener (Sample), AC Charger (Optional Accessory), Wireless Charger (Commercially Available)

⚠ DANGER

🚫 Prohibited

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

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

🚫 Prohibited

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

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

🚫 Prohibited

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

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

🚫 Prohibited

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

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

◯
Prohibited

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

Internal Battery breakage may cause fire, burns, injury, etc.
* Take care in instances such as the following:
• Sitting or squatting with handset in your pants or skirt pocket
• Handset becoming caught in a sliding door or vehicle door when in a jacket pocket
• Stepping on handset when it is on something soft such as a sofa, bed, or futon or on the floor
• Handset becoming caught in a train or bus seat

Do Not Disassemble

Do not disassemble or modify.

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

◯
Prohibited

Do not try to remove Internal Battery.

May cause fire, burns, injury, etc.

◯
Prohibited

Do not try to remove Back Cover.

May cause fire, burns, injury, etc.

Avoid Liquids Or Moisture

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

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

Avoid Liquids Or Moisture

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

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

Compulsory

Use optional accessories specified by SoftBank.

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

⚠ WARNING

🚫 Prohibited

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

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

🚫 Prohibited

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

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

🚫 Prohibited

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

May cause fire, burns, etc.

🚫 Prohibited

Do not adhere anything metal (stickers containing metal material, etc.) to a wireless charger (commercially available) or handset.

May cause fire, burns, injury, etc.

🚫 Prohibited

Do not place anything metal (straps or clips containing metal material, etc.) between a wireless charger (commercially available) and handset.

May cause fire, burns, injury, etc.

❗ Compulsory

Remove any covers from handset before charging with a wireless charger (commercially available).

Cover material/thickness or any dirt lodged between handset and the cover may prevent handset from charging properly, and may result in fire, burns, injury, etc.

❗ Compulsory

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

Handset radio waves may cause electronic malfunctions, etc.
* Take additional care near these devices:
Hearing aids, implanted cardiac pacemakers, implanted cardioverter defibrillators, other electric medical equipment, check with the equipment vendor or distributor for information about the effects of radio waves.

❗ Compulsory

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

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

❗ Compulsory

Power off handset or stop charging before entering a gas station or other places where flammable gas or dust may generate.

Using in a place where flammable gas, etc. generates may cause explosion, fire, etc.

❗ Compulsory

Follow the instructions given by the respective institution regarding the use of handset in a gas station.

Make sure not to charge handset in a gas station.
Do not especially use or drop handset while refueling a car at a gas station.
Using in a place where flammable gas, etc. generates may cause explosion, fire, etc.

❗ Compulsory

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

• Disconnect the power plug from an outlet
• Power off handset
Continued use may cause fire, burns, injury, electric shock, etc.

⚠ CAUTION

🚫
Prohibited

Do not use damaged handsets or related accessories.

May cause fire, burns, injury, etc.

🚫
Prohibited

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

Handset may drop and cause injury.

🚫
Prohibited

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

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

🚫
Prohibited

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

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

🚫
Prohibited

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

Be careful especially when storing small components including USIM/SD Card Tray or USIM Card Opener.

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

❗
Compulsory

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

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

❗
Compulsory

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

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

Handset

⚠ DANGER

🚫
Prohibited

Do not throw handset into a fire or apply heat.

May cause fire, burns, injury, etc.

🚫
Prohibited

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

May cause fire, burns, injury, etc.

❗
Compulsory

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

May cause loss of sight, medical problem, etc.

⚠ WARNING

🚫 Prohibited

Do not light up or flash the camera flash with the light-emitting part close to other people's eyes. Keep away from infants.

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

🚫 Prohibited

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

May hinder driving and cause accidents, etc.

🚫 Prohibited

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

May cause twitches, loss of consciousness, etc.

🚫 Prohibited

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

Do not insert USIM/SD Card Tray in the wrong position or orientation.

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

🚫 Prohibited

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

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

❗ Compulsory

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

Use of handset on board an airline is restricted. Follow the airline's instructions.
Handset radio waves may affect electronic devices of the aircraft.
Prohibited use aboard an aircraft may be subject to penalty by law.

❗ Compulsory

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

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

❗ Compulsory

Always keep handset away from your ear when calling hands free, ringing loudly for incoming calls, or during standby. Adjust the sound volume adequately when playing games or playing back videos or music with an earphone/microphone, etc. connected to handset.

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

❗ Compulsory

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

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

❗ Compulsory

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

Handset radio waves may affect electronic medical equipment.

❗ Compulsory

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

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

❗ Compulsory

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

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

⬤
Compulsory

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

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

⚠ CAUTION

🚫
Prohibited

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

Failure to do so may cause accidents such as injury.

🚫
Prohibited

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

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

🚫
Prohibited

Do not dispose handset together with ordinary trash.

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

🚫
Prohibited

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

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

🚫
Prohibited

Be careful of the nib of USIM Card Opener or a paper clip when removing USIM Card as it may damage a part of body such as fingers.

Touching the nib of USIM Card Opener or a paper clip may cause injuries, etc.

Safety Precautions

LG V60 ThinQ 5G

Compulsory

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

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

Compulsory

Make sure that metallic pieces (cutter blade, staples, etc.) are not adhered to Speaker, Earpiece, or Vibrator (near Earphones-Microphone Jack) since magnetic parts are included.

Adhered objects may cause injury, etc.

Compulsory

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

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

AC Charger (Optional Accessory), Wireless Charger (Commercially Available)

⚠ WARNING

Prohibited

Do not use AC Charger if the cord is damaged.

May cause fire, burns, electric shock, etc.

Prohibited

If thunder is audible, do not touch AC Charger.

May cause electric shock, etc.

Prohibited

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

May cause fire, burns, electric shock, etc.

Prohibited

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

May cause fire, burns, electric shock, etc.

Prohibited

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

May cause fire, burns, electric shock, etc.

Prohibited

Do not use a voltage converter (travel converter for overseas use, etc.) when charging with AC Charger.

May ignite, overheat, cause electric shock, etc.

Prohibited

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

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

⊘
Prohibited

Do not charge anything that is wet with liquids such as water (drinking water, sweat, sea water, urine of pets, etc.) using a wireless charger.

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

🚫
Do Not Use
Wet Hands

Do not touch the cord of AC Charger, Charging Terminals, power plug with wet hands.

May cause fire, burns, electric shock, etc.

❗
Compulsory

Use with specified power supply and voltage.

Also, use AC Charger for global use when charging overseas.

Using the incorrect power supply and voltage may cause fire, burns, electric shock, etc.
AC Charger: 100 VAC (Household AC power outlet only)
AC Charger for global use: 100 to 240 VAC (Household AC power outlet only)

❗
Compulsory

Wipe off dust on the power plug.

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

❗
Compulsory

Firmly insert the power plug of AC Charger to an outlet.

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

❗
Compulsory

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

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

❗
Compulsory

Persons with an implanted pacemaker, defibrillator, or other electronic medical equipment should consult carefully with a doctor before using a wireless charger (commercially available).

Handset radio waves may affect electronic medical equipment.

❗
Compulsory

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

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

❗
Compulsory

Stop using handset immediately if Charging Terminals are deformed or bent. Or, do not use AC Charger even with the deformation fixed.

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

🔌
Disconnect
Power Source

Disconnect the power plug of AC Charger when it is not used.

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

🔌
Disconnect
Power Source

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

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

🔌
Disconnect
Power Source

When cleaning, disconnect the power plug from an outlet.

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

⚠ CAUTION

🚫
Prohibited

Do not touch AC Charger that is connected to an outlet for a long time.

May cause burns, etc.

USIM Card

⚠ CAUTION

❗
Compulsory

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

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

USIM Card Opener (Sample)

⚠ WARNING

🚫
Prohibited

The end of USIM Card Opener is sharp. Do not use the nib of USIM Card Opener with pointing to self or other people.

May cause injury or loss of sight by accidentally touching the sharp end.

Handset Use & Electronic Medical Equipment

⚠ WARNING

❗
Compulsory

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

Handset radio waves may affect implanted pacemakers or defibrillators.

❗
Compulsory

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

Handset radio waves may affect electronic medical equipment.

❗
Compulsory

Disable handset transmissions (e.g. Airplane mode) or power off handset when it is difficult to keep a distance of at least 15 cm away from others such as in a crowd.

There may be someone who is wearing an implanted pacemaker or defibrillator. Handset radio waves may interfere with implanted pacemakers or defibrillators causing such devices to malfunction.

❗
Compulsory

Observe each medical facility's instruction when using handset.

Handset radio waves may affect electronic medical equipment.

Laser Safety Statement

This product employs a laser system. To ensure proper use of this product, please read this manual carefully and retain for future reference. Should the unit require maintenance, contact a nearby SoftBank Shop or Customer Service.
Use of controls, adjustments, or the performance of procedures other than those specified herein may result in hazardous radiation exposure. To prevent direct exposure to laser beam, do not try to open the enclosure or make direct contact with the laser.

```
CLASS 1      LASER PRODUCT
KLASSE 1     LASER PRODUKT
LUOKAN 1     LASER LAITE
KLASS 1      LASER APPARAT
CLASSE 1     PRODUIT LASER
```

General Use

Precautions Common to Handset, USIM Card, AC Charger (Optional Accessory)

· Do not apply excessive force to handset during use. Be sure not to put handset into a tightly packed bag or place a heavy object on handset in a bag.
Sitting on handset in your pocket might damage the screen or internal circuit board resulting in a damage or malfunction.
Also, doing so with keeping an external device connected to External Device Port or Earphone Jack may damage the connector resulting in a malfunction. Such damage and malfunction are not covered by the warranty, even if there is no external damage.
· Although handset is water resistant/dustproof, do not put liquid such as water (drinking water, sweat, sea water, urine of pets, etc.) or foreign object such as dust into handset. Also, do not put liquid or foreign object on packaged/optional accessories.
· USIM Card and AC Charger (commercially available) are not water resistance/dustproof. Avoid using in humid places such as a bathroom and exposing it to rain. Contact to dampness from sweat by wearing on your body may cause corrosion inside resulting in malfunction. If malfunction is determined to be caused by above water exposures, warranty will not apply to repair.
· Do not use handset in extremely hot, cold or humid places. (Use within an ambient temperature range of 5℃ to 35℃ and humidity range of 45% to 85%.)
May cause damage, malfunctioning, or explosion.
· Do not use in places subject to lots of dust or vibration.
· Clean External Device Port and Earphone Jack every now and then. Failure to do so may cause malfunction in operation. Do not exert a strong force to clean External Device Port to prevent deformation.
· Clean handset with a soft dry cloth (such as the type used for eyeglasses). Forcefully rubbing with a dry cloth may scratch the screen. The screen may be stained if splash or smear is left attached to the surface. Wiping handset using alcohol, thinner, benzine, detergent, etc. might erase the printing on the outer casing or cause discoloration.
· Use as far away as possible from land-line phones, TVs and radios. Using handset near these devices may affect them.
· Handset may become warm while charging or during other operations, depending on the situation, but this is not abnormal.
· When children use handset, parental supervision is advised. Provide children with proper instructions.
· Do not drop or apply shock to handset. Doing so may cause malfunction or damage.

Main Unit

· Do not forcefully press, tap or intentionally subject the screen to strong impact.
Doing so may cause scratching or damage.

· Do not forcefully press your fingernails, sharp objects or hard objects against Keys or Display. Doing so might cause scratching or damage.
The touch panel is designed to be lightly touched by fingers. Do not apply strong pressure with your fingers or sharp-pointed objects (such as fingernails, ballpoint pens and pins) on the touch panel.
In the following cases, handset may not respond to touching the touch panel, or errors in operation may occur.
· Operation with gloved hands
· Operation with fingernails
· Operation with a foreign object placed on the touch panel
· Operation with a protective sheet or sticker on the touch panel
· Operation with water drops or dew condensation attached on the screen
· Operation with wet or sweaty fingers
· Operation underwater

· Handset has a structure that is difficult to disassemble to prevent unauthorized remodeling. Using modified handset is a violation of the Radio Law.
Handset is compliant with the technical standard conformance of specified wireless equipment based on the Radio Law, and as a proof of it, the "Technical Compliance Mark 🎓 " appears on the electronic nameplate of handset.
Electronic nameplate can be viewed in the following way.
In Home Screen, ⚙ (Settings) ➡ System ➡ Regulatory & safety

The technical standard conformance certification etc. is invalidated by removing the screws and altering the inside of handset. Never use handset without the valid certification. Doing so violates the Radio Law and the Telecommunications Business Act.

· Contents saved in handset, such as contacts, mails and favorites might be altered or lost by an accident, fault, repair or mishandling. Be sure to keep a copy of important contents. Note that SoftBank Corp. assumes no responsibility for any damages or lost profits resulting from altered or lost contents.

· Note that content data (both charged or free of charge) saved on handset cannot be returned to the customer when handset is replaced for repair of a fault, for example.

· Display uses liquid crystal. Response speed of Display may become slow when handset temperature lowers. It is not abnormal. Handset returns to normal when it is at room temperature.

· Although Display used on handset is made using high-precision technology, some pixels (dots) might be lit or out at all times. This is not a malfunction.

· When using handset in public places, take care not to annoy other people.

· It is recommended to store copies of individual data such as photos/movies and music in PC by sending each file as mail attachment, etc. Note, however, that you may not be able to make copies of some copyrighted data even by the above-mentioned means.

· Take care not to place magnetized items such as magnetic cards, speakers and TV sets near handset, as it might cause malfunction. Putting strong magnetism close to handset might cause false operation.

· Take care that the screen does not come in contact with metal objects or other hard objects when putting handset in a pocket or bag, as it may cause scratching or damage. Doing so might cause scratching or damage. Be aware that any metal or other hard cell phone strap that comes into contact with the screen may scratch or damage them.

· When suddenly brought into a warm place from a cold place, or when in a humid location, or when used where temperature suddenly changes (e.g. near the air discharge port of an air conditioner), water drops (i.e. condensation) sometimes are formed inside handset. Note that when used under conditions such as this, humidity might cause corrosion or a fault.

· Wipe Display with a soft and dry cloth. Wiping Display using wet cloth, glass cleaner, etc. might cause malfunction.

· When connecting an external device to External Device Port or Earphone Jack, insert/remove the connector straight to/from handset.

· Do not apply unnecessary force to External Device Port or Earphone Jack when an external device is connected.

· Normally, keep USIM/SD Card Tray closed when using handset. Do not allow liquids such as water (drinking water, seat, seawater, urine of pets) to come into the slot.

· While writing/reading data to/from SD Card, do not subject handset to vibration or impact, or turn off the power. Doing so may cause data loss or malfunction.

· When listening the other party's voice, make sure that Earpiece positions to the center of the ear. Failure to do so block Earpiece with the human ear and the other party's voice is difficult to hear.

· Covering Mic may not prevent voice from transmitting to the other party.

· Note that Speaker may emit loud sound when using the hands-free call. Keep handset away from your ear with enough distance.

· Do not put a sticker, etc. on Proximity Sensor. Doing so may cause the sensor to malfunction and make the display always turned off while receiving a call or during a call.

· Emergency alerts using VoLTE may not be received depending on the maintenance status of the cellular provider's connection equipment.

Touch Panel

· Operate with fingers for touch operation. Do not operate with a pen, pencil, or other pointed object.
In addition to not operating correctly, it may scratch or damage Display.
· Do not put stickers or sheets (e.g. commercially available protective films, peep prevention sheets) on Display. May cause incorrect operation of the touch panel.
· Do not operate with fingernail. The fingernail may be broken or cause injury such as a sprained finger.
· When Display is dirty or wet with sweat or water, it may cause false operation. In that case, wipe Display with a soft and dry cloth.
· When carrying handset in a pocket or bag, take care not to put the touch panel close to metals or other conductive materials, as it might cause false operation of the touch panel.

Internal Battery

· Be sure to charge Internal Battery before using handset for the first time.
· Internal Battery is a consumable item and not covered by the warranty. Internal Battery sometimes swells up as it approaches the end of its service life.
When operation time with full-charged is extremely shortened or Internal Battery is swelled, it is time to replace. Contact Customer Service or a nearby SoftBank Shop to replace Internal Battery.
· Charge Internal Battery within temperatures of 5℃ to 35℃.
· Charging time differs depending on Internal Battery usage or degree of deterioration.
· Do not store handset in the following condition because it deteriorates the performance or usable time of Internal Battery.
  • Storing handset with full-charged
  • Storing handset with insufficient battery level
It is recommended to store handset with 40% battery level.
· Internal Battery type is as follows.

Symbol on Label	Battery Type
Li-ion00	Lithium-ion

Li-ion00

USIM Card Opener

· Do not apply excessive force to USIM Card Opener during use. Doing so may cause malfunction or damage.
· When disposing handset, dispose it separately according to your local rule.
· Do not use USIM Card Opener on other mobile phones. Doing so may cause malfunction or damage to the mobile device.

Camera

· Observe proper etiquette when using Camera.
· Image data may be altered or erased due to repairs or other handling. SoftBank Corp. is not liable for any damages or lost profit resulting from content alteration/erasure or its restoration.
· Practice taking and previewing pictures, videos, and audio before using Camera on important occasions like wedding ceremonies.
· Do not use Camera to record printed books, or in locations where shooting photos or videos is prohibited.
· Do not leave the camera lens under direct sunlight. May burn or fade colors of elements.

Music/Videos

· Do not listen to music or watch videos while driving a vehicle or riding a scooter/bicycle. Such use of a mobile phone is prohibited by law (use while riding a bicycle may also be punishable). Also be alert while walking; if surroundings are difficult to hear or attention is on Display, a traffic accident may result. Be careful especially at railway crossings, on station platforms, and at intersections.
· Listening at loud volume for an extended period may affect hearing.
· Take care not to disturb those around you (on train, etc.) with earphone or other noise.

Urgent News Mail

· Receive setting is enabled by default.
· If an emergency alert is received while handset is in Sound profile, handset alerts.
· Emergency alerts may not be received during calls (except VoLTE voice call) or transmissions, or when signals are weak.
· Depending on usage/situation, handset may receive alerts for other areas or no alerts.
· When the receive setting is enabled, handset standby time becomes shorter.
· SoftBank Corp. cannot be held liable for any damages associated with this service, including accidents resulting from received information, reception timing, or reception/reception failure.

Bluetooth®/Wi-Fi (Wireless LAN) Function

Frequencies

· The Bluetooth® and wireless LAN (Wi-Fi) functions of handset conform to the domestic standards of Japan, FCC standards and EC Declaration, and have been certified.
· The 2.4 GHz band used by wireless LAN (Wi-Fi) and Bluetooth® devices is operated by various other devices. For this reason, the communication speed and connectable range may be decreased, or disconnection may occur, due to interference from other devices.
· Do not use handset in places where electromagnetic waves are generated or near electric products, AV and OA equipment, or other magnetized devices.
· Subjecting handset to magnetic or electrical noise might increase noise and prevent it from performing communications (for example, handset is particularly susceptible to noise when used near a microwave oven).
· Using handset near a TV, radio or similar appliance might cause reception interference and disrupt TV images.
· The searching might not be successful if there are multiple wireless LAN (Wi-Fi) access points near handset or the same channel is being used.
· For use in an airplane, check with the airline company in advance.
· The communication speed and connectable range vary depending on the distance between communication devices, obstacles and the devices used.

Notes on Using 2.4 GHz Band

The frequencies used by the Bluetooth® and/or wireless LAN (Wi-Fi) functions of handset are in the 2.4 GHz band. This operating frequency band is used by industrial, scientific, consumer and medical equipment including microwave ovens, other similar radio stations, premises radio stations for identifying mobile units used in manufacturing lines (radio stations requiring a license), specified low power radio stations (radio stations requiring no license) and amateur radio stations (hereafter, "other radio stations").
1 Before using handset, confirm that "other radio stations" are not in operation nearby.
2 In the event that instances of radio wave interference have occurred between handset and "other radio stations", immediately either relocate handset or stop operation of the device (stop the emission of radio waves).
3 For further questions, contact Customer Service or a nearby SoftBank Shop.

· The connections between handset and all other Bluetooth® and wireless LAN (Wi-Fi) devices have not been confirmed. Therefore, connections with all Bluetooth® and wireless LAN (Wi-Fi) devices are not guaranteed.
· Handset supports security features for wireless communications that are compliant with the Bluetooth® and wireless LAN (Wi-Fi) standard specifications, but the security may not be sufficient depending on the usage environment and configuration. Be careful when making data communication using Bluetooth or wireless LAN (Wi-Fi) function.
· Wireless LAN (Wi-Fi) has the advantage that it can be freely connected anywhere within the radio wave range, as it uses radio waves for exchanging information. At the same time, there is a risk that a malicious third party may obtain unauthorized access if security settings have not been configured. It is recommended to configure security settings at user's decision and responsibility.
· SoftBank Corp. assumes no responsibility for leakage of data or information that may occur during Bluetooth®/ wireless LAN (Wi-Fi) communication.
· Since the Bluetooth® and wireless LAN (Wi-Fi) functions use the same frequency band, using the both functions at the same may cause radio wave interference resulting in decreased communication speed or disconnection from the network. If connection fails, stop using either of the Bluetooth® and wireless LAN (Wi-Fi) functions.

The frequencies used by the Bluetooth and/or wireless LAN (Wi-Fi) functions of handset are in the 2.4 GHz band.

2.4FH1/DS4/OF4/XX8

· Bluetooth® function: 2.4FH1/XX8
  Handset uses frequencies in the 2.4 GHz band. For FH1, FH-SS is used as the modulation scheme. The interference distance is about 10 m or less.
  XX8 uses another modulation scheme. The interference distance is about 80 m or less.
· Wireless LAN (Wi-Fi) function: 2.4DS/OF4
  Handset uses frequencies in the 2.4 GHz band. DS-SS and OFDM are used as the modulation schemes. The interference distance is about 40 m or less.
· Frequency bandwidth: All bandwidths

This means that all bandwidths can be used, and that band of mobile unit identification devices can be avoided.

· Available channels vary depending on countries.

Notes on Using 5 GHz Devices

In 5 GHz frequency bandwidth, handset can use 5.2 GHz (W52), 5.3 GHz (W53), and 5.6 GHz (W56) bands.

· W52 (5.2 GHz band/36, 40, 44, 48 ch)
· W53 (5.3 GHz band/52, 56, 60, 64 ch)
· W56 (5.6 GHz band/100, 104, 108, 112, 116, 120, 124, 128, 132, 136, 140, 144 ch)

Using wireless LAN built-into handset in 5.2/5.3 GHz outside is prohibited by the Radio Law.
This does not apply to communication with the base stations or land mobile relay stations of high-output data communications systems operating in the 5.2 GHz band (W52).

Water Resistance/Dustproofing/ Shock Resistance

Handset complies with IPX5[1], IPX8[2] water resistance standards and IP6X[3] dustproof standard with SIM Card/SD Card Slot Cover firmly closed. Also, it complies with MIL standards[4].

1 Protection against water jet (at 12.5 L/minute from every direction from a distance of approximately 3 m for over 3 minutes through 6.3 mm nozzle.
2 Protection against seepage when slowly submerged in still tap water at room temperature to depth of 1.5 m for 30 minutes.
3 Protection against dust ingress when being placed in an apparatus with grit and dust of diameters of 75 µm or less and shaken for 8 hours.
4 Drop testing in compliance with MIL-STD-810G Method 516.6-Shock by the US Department of Defense.

Handset Water Resistance/Dustproofing

· Calling in the rain without umbrella (approximately 20 mm rainfall per hour)
· Washing with tap water at normal temperature (5℃ - 35℃) with weak water flow
  - When washing handset, be sure to securely close SIM Card/ SD Card Slot Cover and do not scrub handset strongly.
  - When washing handset, do not use a brush or sponge or do not wash with soap or detergent.
  - After washing handset, wipe it with dry cloth thoroughly to drain water. For draining water, see "Draining When Handset Gets Wet."
· Although you can use handset at a poolside, do not get water from a pool on handset or soak it in pool water.

Notes

To maintain water resistance/dustproof performance, be sure to check the following:

· Firmly close SIM Card/SD Card Slot Cover. Even a fine particle (one hair, one grain of sand, tiny fiber, etc.) put between the port contact surfaces may allow water or dust to ingress.
· Do not push Earpiece, Second Mic, Mic, Speaker, Earphones-Microphone Jack, External Device Port, or USIM/SD Card Tray with a sharp-pointed object.
· Do not let handset fall. Scratch on handset may degrade water resistance/dustproof performance.
· Rubber gaskets on inner side of SIM Card/SD Card Slot Cover play important roles for water resistance/dustproofing. Do not remove or damage them. Also, prevent dust from adhering onto them.
· To maintain water resistance/dustproof performance, it is recommended to replace inner parts once in 2 years regardless of the handset condition. Bring handset to a SoftBank Shop etc. to replace them. Fee is incurred for the replacement. Contact a SoftBank Shop or Customer Service.

Safety Precautions

LG V60 ThinQ 5G

Precautions

Avoid handset being exposed to or soaked in liquid other than tap water at normal temperature:

- Soap/Detergent/Bathing agent

- Ocean water

- Pool

- Hot spring

- Sand/Mud

Also, observe the following precautions to use handset properly.

Handset:

· Do not put in hot water, use in a sauna or apply hot airflow (from a hair dryer etc.).

· Do not allow waterdrop to remain on handset. External Device Port may short-circuit. In cold region, water freezes up and may cause malfunction.

· To avoid dew condensation, move handset from cold place to warm place after it gets warm.

· Do not use handset under water.

· Never charge while handset is wet.

· Do not wash handset using a washing machine etc.

· Handset does not float on water.

· Do not put handset directly on a sand beach.

  - Sand gets into Earpiece, Second Mic, Mic, Speaker, Earphones-Microphone Jack and may cause sound to be decreased.

  - Sand gets into External Device Port or Earphones-Microphone Jack and may cause water resistance/dustproof performance to be degraded.

  - Using handset with waterdrop or sand adhered may cause sound to be distorted.

· Do not allow water to remain in Earpiece, Second Mic, Mic, Speaker, Earphones-Microphone Jack. Such water may interfere with calls.

· Do not allow waterdrop to remain in External Device Port or Earphones-Microphone Jack. Such water may cause short circuit.

Others:

· Packaged/optional accessories are not water resistant/dustproof.

· Complete protection is not guaranteed under all conditions. Malfunctions due to improper handling by the user are not covered by Warranty.
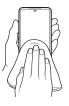
Draining When Handset Gets Wet

When handset gets wet, be sure to perform draining following the procedures below.

· If waterdrop adheres to handset, speaker volume may be decreased or sound quality may change.

1

Wipe off moisture on handset surface with dry, clean cloth

2

Hold handset and shake it approximately 20 times as shown in the illustration below until there is no more water splattering

· Be sure to see there is no more waterdrop adhered.

3

Press handset lightly on dry, clean cloth to wipe off moisture in gaps at Earphones-Microphone Jack, Mic, External Device Port, Speaker, or keys

· Do not wipe off moisture in gaps directly using a cotton swab etc.

4

Wipe off moisture on handset with dry, clean cloth etc. thoroughly and dry naturally for a couple of hours

· Even after moisture has been wiped off, water may still leak if it remains inside handset.

Charging

Packaged/optional accessories are not water resistant/dustproof. Be sure to check the following while and after charging.

· While charging, check that handset is not wet. Never charge while handset is wet.
· Do not touch AC Charger with wet hand. Doing so may cause electric shock.
· Do not use AC Charger in a bathroom, shower room, kitchen, lavatory or other humid area. Doing so may cause fire or electric shock.

Export Controls and Regulations

Export Controls and Regulations

The products and accessories may be subject to the application of the Foreign Exchange and Foreign Trade Act and other related laws and regulations in Japan. In addition, the Export Administration Regulations (EAR) of the United States may be applicable. In cases of exporting or reexporting the products and accessories, customers are requested to follow the necessary procedures at their own responsibility and cost. Please contact the Ministry of Economy, Trade and Industry of Japan or the Department of Commerce of the United States for details about procedures.

Intellectual Property Rights

Copyrights and Portrait Rights

Copyrighted contents you recorded or obtained from Websites using this product by downloading or other means, such as documents, images, music data, map data, software, are prohibited from reproduction, modification and transmission over public lines without consent of the copyright holders, unless intended for personal use or any other purpose permitted by law.
Note that some performances, shows, and exhibitions may not permit photography, movie shooting, or sound recording even for personal use.
You should also refrain from taking a picture of other people and disclosing it by such means as posting it on a Website without their consent because of possible infringement of their right of portrait.

Trademarks

The company names and product names appearing in this manual are trademarks or registered trademarks of their respective holders.

· microSD logo, microSDHC logo and microSDXC logo are trademarks of SD-3C, LLC.
· Bluetooth® and logo are registered trademarks of Bluetooth SIG, Inc., and LG Electronics Inc. is licensed to use them.
· Wi-Fi Certified® and the Wi-Fi logo are trademarks or registered trademarks of Wi-Fi Alliance.
· Google, the Google logo, Android, Google Play, the Google Play logo, Gmail, the Gmail logo, YouTube, the YouTube logo, Google Maps, the Google Maps logo, Google Search, the Google Search logo, Google Docs, the Google Docs logo, Google Chrome, the Google Chrome logo, Google Photo, the Google Photo logo, Google Assistant, and the Google Assistant logo are trademarks or registered trademarks of Google LLC.
· iWnn of OMRON SOFTWARE Co., Ltd. is used for conversion methods for Japanese language, and for phrase prediction methods for English.
iWnn© OMRON SOFTWARE Co., Ltd. 2008-2019 All Rights Reserved.
· Yahoo! and the Yahoo! logomark are registered trademarks or trademarks of Oath Inc. in the United States.
· The product includes pictograms licensed by NTT DOCOMO, INC.
· SOFTBANK, SOFTBANK's equivalent in Japanese and the SOFTBANK logo are registered trademarks or trademarks of SOFTBANK GROUP CORP. in Japan and other countries.
· Internet SagiWall name and logo are trademarks or registered trademarks of BBSS Corp.
· McAfee and the McAfee logo are trademarks of McAfee LLC in the United States and other countries.
· Facebook and Facebook logo are trademarks or registered trademarks of Facebook, Inc.
· ハローページ is a registered trademark of Nippon Telegraph and Telephone Corporation.
· kurashiru is a registered trademark or trademark of dely, Inc.
· QR code is a registered trademark of DENSO WAVE INCORPORATED.
· © mysta. All Rights Reserved.
· © JBA © B.LEAGUE © W LEAGUE
· FeliCa is a contactless IC card technology developed by Sony Corporation.
FeliCa is a trademark of Sony Corporation.
ⓢ is a registered trademark of FeliCa Networks, Inc.
· Osaifu-Keitai is a registered trademark of NTT DOCOMO, INC.
· Qi is a registered trademark of the Wireless Power Consortium.
· USB Type-C™ is a trademark of USB Implementers Forum.
· Covered by one or more claims of the patents listed at patentlist.hevcadvance.com.
· All other company names and product names are trademarks or registered trademarks of respective companies referred to in this manual.

OpenSSL License

【OpenSSL License】
Copyright © 1998-2011 The OpenSSL Project. All rights reserved. This product includes software developed by the OpenSSL Project for use in the OpenSSL Toolkit. (http://www.openssl.org/)
THIS SOFTWARE IS PROVIDED BY THE OpenSSL PROJECT ''AS IS'' AND ANY EXPRESSED OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN
NO EVENT SHALL THE OpenSSL PROJECT OR ITS CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR
SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION)
HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.
【Original SSLeay License】
Copyright © 1995-1998 Eric Young (eay@cryptsoft.com) All rights reserved.
This product includes cryptographic software written by Eric Young (eay@cryptsoft.com)
THIS SOFTWARE IS PROVIDED BY ERIC YOUNG ''AS IS'' AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE AUTHOR OR CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION)
HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

Open Source Software

To obtain the source code under GPL, LGPL, MPL, and other open source licenses, that is contained in this product, please visit http://opensource.lge.com/. In addition to the source code, all referred license terms, warranty disclaimers and copyright notices are available for download.
LG Electronics will also provide open source code to you on CD-ROM for a charge covering the cost of performing such distribution (such as the cost of media, shipping, and handling) upon email request to opensource@lge.com.
This offer is valid for a period of three years after our last shipment of this product. This offer is valid to anyone in receipt of this information.

Others

The software installed on handset or part of it may not be altered, translated/adapted, reverse-engineered, decompiled or reverse-assembled and any such actions are prohibited.
Under the MPEG-4 Visual Patent Portfolio License, customers have licensed permission for the following use of handset to engage in non-profit personal use. Other uses are not permitted.

· Recording MPEG-4 Visual standard video (henceforth referred to as MPEG-4 Video)
· Playing back MPEG-4 Video that a customer engaged in personal and non-profit activities has recorded
· Playing back MPEG-4 Video obtained from a provider licensed by MPEG-LA

When using for promotion, in-house use, profit use, and other intended uses, contact MPEG LA. LLC.

· Handset is licensed under the AVC patent portfolio license for the personal and noncommercial use of a consumer to (i) encode video in compliance with the AVC standard (henceforth referred to as AVC video) and/or (ii) decode AVC video that was encoded by a consumer engaged in a personal and noncommercial activity and/or was obtained from a video provider licensed to provide AVC video. No license is granted or shall be implied for any other use. Additional information may be obtained from MPEG LA, LLC. Visit http://www.mpegla.com

Safety Precautions

LG V60 ThinQ 5G

Material List

LG V60 ThinQ 5G Main Unit

Part	Material/Surface Treatment
Display	Glass/AF coating
Exterior case (body side)	Aluminium + PBT / Anodized
Exterior case (rear)	Glass/AF coating
Exterior case (antenna)	PBT + GF40% /-
Power Key/ Volume Key/Google Assistant Key	Aluminium + TPU/Anodized
Camera lens	Glass/ AF coating
Camera lens ornament	Alminium/Anodized
Earpiece mesh	PC sheet/-
USIM/SD Card Tray (outer)	Aluminium/Anodized
USIM/SD Card Tray (tray)	STS + PC/Laser Marking
USIM/SD Card Tray (rubber gasket)	TPE/-

USIM Card Opener (Sample)

Part	Material/Surface Treatment
Body	SUS304/-

LG V60 ThinQ 5G
User Guide Index

LG V60 ThinQ 5G User Guide