

Manual For FCC

FCC ID :APYHRO00336.

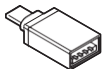
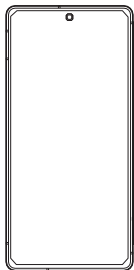
Introduction

Thank you for purchasing “(***)”.**

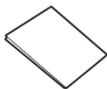
Be sure to read this manual before and during use to ensure proper operation.

-
- Note that “(*****)” is referred to as “handset” in this manual.
 - This manual contains the information available at the time of purchase.
 - For the purpose of improvement of the product quality and adding functions, upgrading the operating system (OS) may be carried out. At that time, the operating method may be changed. Also, some apps used in the previous OS version may not be available or some unintended bugs may occur.
 - The contents of this manual and the URL of the website are subject to change without prior notice.
 - The screens and illustrations in this manual are shown as examples. The actual screens and illustrations may differ.
 - Reproduction of this manual in part or in whole without prior permission is prohibited.
-

Basic package



Quick Switch
Adapter (sample)



Quick Start guide
(in Japanese only)

The following items are not included in the package.

- microSD memory card
- AC adapter
- USB Type-C cable
- Purchase a specified charger (sold separately).

Precautions (ALWAYS FOLLOW THESE DIRECTIONS)

- Before use, read these “Precautions” carefully and use your handset properly.
- These precautions contain information intended to prevent bodily injury to the user and to surrounding people, as well as damage to property, and must be observed at all times.
- The following symbols indicate the different degrees of injury or damage that may occur if information provided is not observed and the handset is used improperly.

 Danger	This symbol indicates that “death or serious bodily injury ^(*) may directly and immediately result from improper use”.
 Warning	This symbol indicates that “death or serious bodily injury ^(*) may result from improper use”.
 Caution	This symbol indicates that “minor injury ^(*) and/or property damage ^(*) may result from improper use”.

- *1 Serious bodily injury: This refers to loss of eyesight, bodily injury, burns (high- and low-temperature), electric shock, broken bones, injuries with residual aftereffects from poisoning, etc., and injuries requiring hospital admission for treatment or long-term hospital attendance as an outpatient.
- *2 Minor injury: This refers to bodily injury, burns (high- and low-temperature), electric shock, etc. that do not require hospital admission for treatment or long-term hospital attendance as an outpatient.
- *3 Property damage: This refers to extended damage to buildings, furniture, livestock, pets, etc.

■ The following symbols indicate specific directions.

 Don't Indicates a prohibited action.	 No wet hands Indicates not to handle the device with wet hands.
 No disassembly Indicates not to disassemble the device.	 Instruction Indicates that instructions specified are compulsory (must be followed).
 No liquids Indicates not to use the device near water or get it wet.	 Unplug Indicates that the power cord must be unplugged from the outlet.

Handling the handset, adapters and nano SIM card (general)

Danger



Don't

Do not use, store or leave the equipment in locations subject to high temperatures or accumulation of heat (near a fire or heating unit, in a kotatsu or bedding, under direct sunlight, inside a vehicle on a hot day, etc.).

May cause fires, burns, bodily injury, electric shock, etc.



Don't

Do not place the equipment inside cooking appliances such as microwave ovens and induction cookers or high pressure vessels such as pressure cookers, or near them.

May cause fires, burns, bodily injury, electric shock, etc.



Don't

Do not allow liquids such as water (drinking water, sweat, seawater, pet urine, etc.) to get or wet inside the charger terminal or external connection jack. Also, do not charge the equipment while it is wet or where water is regularly in use such as a bathroom or near a humidifier.

May cause fires, burns, bodily injury, electric shock, etc.
Refer to the following for details on waterproofness.



Don't

Do not press the equipment strongly or broken it. Especially when carrying the equipment in your pocket, do not allow it to be hit with or nipped in objects.

May cause fires, burns, bodily injury, etc. because of damage of the internal battery.

* Take particular care with the followings

- Sitting or squatting down while putting the equipment in your pocket of trousers or skirt
- Allow the equipment to be nipped in the door or vehicular door while putting the equipment in your pocket of outerwear
- Stepping on the equipment while it is placed on a soft object such as the sofa or bedding, floor
- Allow the equipment to enter between seats on a train, bus, etc.



Don't

Do not attempt to remove the internal battery from the handset.

May cause fires, burns, bodily injury, electric shock, etc.



Don't

The back cover cannot be removed from the handset. Do not attempt to remove it. Also, if the product becomes swollen due to issues such as internal battery swelling, do not try to open or forcefully push in the back cover.

May cause fires, burns, bodily injury, etc.



No
disassembly

Do not attempt to disassemble or modify the equipment.

May cause fires, burns, bodily injury, electric shock, etc.



Instruction

Use only optional parts specified by ●●●.

May cause fires, burns, bodily injury, electric shock, etc. if you use any other devices not specified or devices with unclear manufacturers, distributors, or specifications.

Warning



Don't

Do not subject the equipment to strong force, impacts or vibration such as letting it fall, stepping on it or throwing it.

May cause fires, burns, bodily injury, electric shock, etc.



Don't

Do not allow conductive materials (such as metal objects and pencil lead) to come into contact with the charger terminal or external connection jack or dust and sand to get inside it.

May cause fires, burns, bodily injury, electric shock, etc.



No liquids

Before cleaning the equipment, do not allow antiseptic solution and water to get inside the grooves, charger terminal or external connection jack, mouthpiece/microphone, earpiece/speaker, microphone, speaker, air vent (decoration of camera cover), etc.

May cause bodily injury, electric shock, etc. because of the handset malfunctions.



Instruction

Turn off the handset near high-precision electronic devices or devices that use weak electronic signals.

May interfere with the operation of electronic devices because of signals.

* Take particular care with the following devices

Hearing aids, implanted cardiac pacemakers, implanted cardioverter-defibrillators, other electronic medical equipment, other equipment controlled by electronic signals, etc. If you use an implanted cardiac pacemaker, implanted cardioverter-defibrillator or other electronic medical equipment, contact the respective manufacturer or dealer to check whether the operation of the equipment is affected by signals.



Instruction

If charging is not completed after the specified charging time, stop charging.

May cause fires, burns, bodily injury, etc. because of overcharging.



Instruction

Be sure to turn off the handset and not to charge the battery in locations where flammable gas may be generated and where dust is generated.

The flammable gas, etc. could ignite, causing a fire, explosion, etc.



Instruction

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

Do not perform charging in a gas station, etc.

Also, take care not to drop the handset when using it in a gas station, etc. In particular, do not use the handset when refilling a vehicle with gas.

The flammable gas, etc. could ignite, causing a fire, explosion, etc.



Instruction

If you notice any trouble such as an unusual odor, unusual noise, smoking, overheating, discoloration, or deformation during use, charging, or storage, be careful and follow the instructions below.

- Unplug the power plug from the outlet or accessory socket.
- Turn off the handset.

May cause fires, burns, bodily injury, electric shock, etc. if you do not follow the instructions above.



Caution



Don't

Do not use a damaged equipment.

May cause fires, burns, bodily injury, etc.



Don't

Do not leave the equipment on unstable surfaces, such as on a wobbly table or sloped surface. Be very careful while the vibrator is set.

May fall and cause injury, etc.



Don't

Do not use or store the equipment in locations that are subject to humidity, dust or high temperatures.

May cause fires, burns, electric shock, etc.

Refer to the following for details on waterproofness/dustproofness.



Don't

If being used by a child, have a guardian teach him/her the proper handling procedures and do not have him/her use it improperly.

A young child may swallow the equipment, or suffer bodily injury, electric shock, etc.



Don't

Do not place the equipment within reach of young children or where pets can access it.

Be especially careful with regard to the storage location of small parts such as the nano SIM card tray, Quick Switch Adapter.

A young child may swallow the equipment, or suffer bodily injury, electric shock, etc.



Instruction

Be careful when using the handset continuously or when charging because it may become warm. Also, be careful not to unintentionally touch it continuously when it is in a pocket of your clothing, or when you fall asleep, etc.

The handset or adapter may become warm while continuous use such as a use of apps, calling, data communication, watching video or charging. Directly touching a warmed part continuously may cause redness, itching, rashes, low-temperature burns, etc. on your skin depending on your constitution or health condition.

Handling the handset



Danger



Don't

Do not throw the handset into a fire or heat it.

May cause fires, burns, bodily injury, etc.



Don't

Do not apply excessive force on the handset such as puncturing it with a sharp object (nail, etc.), hitting it with a hard object (hammer, etc.) or stepping on it.

May cause fires, burns, bodily injury, etc.



Instruction

If the substance inside the handset comes into contact with your eyes or mouth, etc. immediately rinse the contacted area with clean water. Then seek prompt medical treatment.

May result in loss of eyesight, sick, etc. because of the substance, etc. inside the handset.



Warning



Don't

Do not point the mobile light directly at someone's eyes. Especially when you use it for young children, keep sufficient distance from them.

May causes eyesight damage. Accident may result from being dazzled or shocked.



Don't

Do not watch the screen which is flashing repeatedly for a long time.

May cause spasm or loss of consciousness.



Don't

Do not allow water or other liquids (drinking water, sweat, seawater, pet urine, etc.), metal (a blade of cutter, staple, etc.), flammable material or other foreign object to enter the nano SIM card tray slot on the handset.

Also, do not insert the nano SIM card tray in the wrong place or wrong side.

May cause fires, burns, bodily injury, electric shock, etc.



Don't

Do not expose the camera lens to direct sunlight, etc. for an extended period.

May cause fires, burns, bodily injury, etc. because of the light-collecting mechanism of the lens.



Don't

Laser (proximity sensor)

Do not stare into proximity sensor.

May temporarily affect eyesight, leading to accidents.

EN60825-1:2014/A11:2021



Don't

Do not ring an alarm in your ear when it sounds.

May damage your hearing such as difficulty in hearing.



Instruction

Turn off the handset or set it to Airplane mode before going aboard an airplane.

Since using the handset on airplanes is restricted, follow the instructions given by the respective airlines.

May interfere with the operation of electronic devices installed on the airplane because of signals.

If you commit a prohibited act while using the handset on an airplane, you may be punished by law.



Instruction

Follow the instructions given by the respective medical facility regarding the use of the handset in a hospital.

Turn off the handset in areas where the use of mobile phones is prohibited.

May interfere with the operation of electronic devices and electronic medical equipment because of signals.



Instruction

Keep the handset away from the ears during a call in which hands-free is set, while the ringtone is ringing loudly, during stand-by, etc.

When you attach the earphone/microphone, etc. to the handset to play games, video/music, etc., do not make the volume too loud.

During a call in which hands-free is set, loud sounds are being emitted from the handset.

Even during stand-by, the ringtone or alarm sound may activate suddenly.

Hearing loud sounds for a long time may damage your hearing such as difficulty in hearing.

Also, excessively high volume prevent you from hearing ambient sounds and cause an accident.



Instruction

If you have a weak heart, take extra precautions when setting functions such as the vibrator and ringtone volume for incoming calls.

You may be startled at the sudden vibrator and ringing for incoming calls, and may have harmful effects on your heart.



Instruction

If you are using electronic medical equipment, etc., contact the respective manufacturer or dealer to check whether the operation of the equipment is affected by signals.

May interfere with the operation of electronic medical equipment, etc. because of signals.



Instruction

If the glass of the display, camera lens, or other part is damaged, be careful of broken glass and the exposed inside of the handset.

May cause burns, bodily injury, electric shock, etc. if you touch the broken or exposed parts.



Instruction

If the substance inside the internal battery leaks, or the internal battery emits an unusual odor, immediately stop using the handset and move it away from any naked flames or fire.

The battery fluid is flammable and could ignite, causing a fire, explosion, etc.



Instruction

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

May cause fires, burns, bodily injury, etc. because of damage of the internal battery.

Caution



Don't

For using a motion sensor and geomagnetic sensor, check the safety around, hold the handset and do not swing it more than necessary.

May cause an accident such as bodily injury.



Don't

If the display is broken and the internal substance then leaks, do not get it on your skin (face, hands, etc.), clothes, etc.

May result in damage to your eyes, skin, etc.

If the internal substance comes into contact with your eyes, mouth, skin or clothes, etc. immediately rinse the contacted area with clean water.

Also, if it comes into contact with your eyes or mouth, etc. seek medical treatment immediately after rinsing the contacted area.



Don't

Do not dispose of the handset in ordinary garbage.

May cause fires, burns, bodily injury, etc. It may also cause damage to the environment. Take the unnecessary handset to a sales outlet such as a ●●● Shop or follow the instructions by a local institution that handles used handsets.



Don't

If the substance inside the internal battery leaks, do not get the liquid on your skin (face, hands, etc.), clothes, etc.

May result in damage to your eyes, skin, etc.

If the internal substance comes into contact with your eyes, mouth, skin or clothes, etc. immediately rinse the contacted area with clean water.

Also, if it comes into contact with your eyes or mouth, etc. seek medical treatment immediately after rinsing the contacted area.



Instruction

If you use the device in a vehicle, contact the vehicle manufacturer or dealer to check whether the operation of the vehicle is affected by signals.

May interfere with the operation of electronic equipment because of signals in some vehicle models. In this case, stop using the handset.



Instruction

If any trouble on your skin occurs due to using the handset, immediately stop using it and seek medical treatment.

Use of the handset may cause itching, rashes, eczema, etc. depending on your constitution or health condition.

Refer to the following for details on materials of each part.



Instruction

Make sure that there is no metal (a blade of cutter, staple, etc.) on the handset because the earpiece/ speaker section, speaker section and camera section contain parts that generate magnetic waves.

May cause bodily injury, etc. because of the adhered object.



Instruction

Look at the display in a well-lit place, keeping a certain distance.

Eyesight may be weakened, etc. if you look at it in a dark place or closely.

Handling the adapters

Warning



Don't

Do not use if the cord of the adapter is damaged.
May cause fires, burns, electric shock, etc.



Don't

The DC adapter should only be used in negative grounded vehicles. Never use it in positive grounded vehicles.
May cause fires, burns, electric shock, etc.



Don't

Do not touch adapters if you hear thunder.
May cause electric shock, etc.



Don't

Do not short-circuit the charger terminal when connected to an outlet or accessory socket. Also, do not allow any part of your body (hands, fingers, etc.) to come into contact with the charger terminal.
May cause fires, burns, electric shock, etc.



Don't

Do not place heavy objects on the cord of the adapter or apply excessive force on it such as pulling it.
May cause fires, burns, electric shock, etc.



Don't

When plugging/unplugging an AC adapter into/from the outlet, do not allow metallic objects to come into contact with the prongs of the plug.
May cause fires, burns, electric shock, etc.



Don't

Do not connect a voltage converter (travel converter for overseas, etc.) to the AC adapter.
May catch fire, or cause overheat, electric shock, etc.



Don't

Do not apply excessive force on the connection part with the adapter connected to the handset.
May cause fires, burns, bodily injury, electric shock, etc.



Don't

Do not charge the equipment while it is wet with liquids such as water (drinking water, sweat, seawater, pet urine, etc.) with the wireless charger. Also, do not charge the equipment in a location where it will come into contact with water such as a bathroom or near a humidifier.
May cause fires, burns, bodily injury, electric shock, etc.



No wet hands

Do not handle the adapter cord, charger terminal, power plug with wet hands.
May cause fires, burns, electric shock, etc.



Instruction

Always use the specified power supply and voltage. When using overseas, use the AC adapter that is available overseas.

Using the incorrect power supply and voltage may cause fires, burns, electric shock, etc.
AC adapter: 100V AC (Connect only with a household AC outlet)
AC adapter available overseas: 100 to 240V AC (Connect only with a household AC outlet)
DC adapter: 12/24V DC (for negative grounded vehicles only)



If you replace the fuse in the DC adapter, always replace it with a specified fuse.

Instruction May cause fires, burns, electric shock, etc. if you use the fuse other than specified one. Refer to the respective manuals for information on specified fuses.



Wipe off any dust on the power plug.

Instruction May cause fires, burns, electric shock, etc. if you use the power plug with dust adhering.



Fully plug the adapter into the outlet or accessory socket.

Instruction May cause fires, burns, electric shock, etc. if you do not insert it securely.



Always grasp the adapters when unplugging the power plug from the outlet or accessory socket. Do not apply excessive force on it such as pulling the cord of the adapter.

Instruction May cause fires, burns, electric shock, etc. since the cord of the adapter is damaged by pulling it.



When plugging/unplugging an adapter into/from the handset, plug/unplug it straightly toward the terminal to connect, not applying excessive force on it such as pulling the cord.

Instruction

May cause fires, burns, bodily injury, electric shock, etc. if you do not plug/unplug it correctly.



If the charger terminal is deformed such as bending it, immediately stop using. Also, do not use the deformed one by returning it to the original shape.

Instruction

May cause fires, burns, bodily injury, electric shock, etc. because of short circuit of it.



Unplug the power plug from the outlet or accessory socket when not using.

Unplug

May cause fires, burns, electric shock, etc. if you leave the power plug with it plugged into the outlet or accessory socket.



If water or other liquids (drinking water, sweat, seawater, pet urine, etc.) are attached on equipment, immediately remove the power plug from the outlet or accessory socket.

Unplug

May cause fires, burns, electric shock, etc. because of short circuit by the adhered object.



Always unplug the power plug from the outlet or accessory socket before cleaning the equipment.

Unplug

May cause fires, burns, electric shock, etc. if you do not unplug it.

Caution



Don't

Do not touch the adapter continuously when connected to an outlet or accessory socket.
May cause burns, etc.

Handling nano SIM card

Caution



Instruction

Be careful with the cutting surface not to injure any part of your body such as fingers when handling the nano SIM card.

May cause bodily injury, etc. because the cutting surface may be sharp.

Handling near electronic medical equipment

Warning



Instruction

If you have or may be around a person who has or is wearing electronic medical equipment such as an implanted cardiac pacemaker or an implanted cardioverter-defibrillator, always carry or use your handset at least 15 cm away from your implant.

Electromagnetic signals may have harmful effects on the operation of the electronic medical equipment. If there is any chance that the distance between the handset and a person closest to you may get shorter than 15 cm such as when you cannot freely move around, set the handset not to emit radio wave in advance (by setting Airplane mode, turning the power off, etc.).



Instruction

Patients receiving medical treatment away from a medical facility (e.g. home treatment) who are using electronic medical equipment other than implanted cardiac pacemakers or implanted cardioverter-defibrillators should consult the respective manufacturers, etc. for information regarding the effects of signals on the equipment.

Electromagnetic signals may have harmful effects on the operation of the electronic medical equipment.



Instruction

Follow the instructions given by the respective medical facilities regarding the use of the handset on their premises.

Electromagnetic signals may have harmful effects on the operation of the electronic medical equipment.

Material list

Handset

Part	Material/Surface treatment
● ● ● ●	● ● ●
● ● ● ●	● ● ●
● ● ● ●	● ● ●
● ● ● ●	● ● ●
● ● ● ●	● ● ●
● ● ● ●	● ● ●
● ● ● ●	● ● ●
● ● ● ●	● ● ●
● ● ● ●	● ● ●
● ● ● ●	● ● ●
● ● ● ●	● ● ●
● ● ● ●	● ● ●

Handling precautions

General notes

- **Do not allow liquids such as water (drinking water, sweat, seawater, pet urine, etc.) or foreign matter such as dust to get inside the handset or on to the accessories and optional parts.**

The adapter and nano SIM card are not waterproof/dustproof. Do not use in humid or steamy areas such as bathrooms and places exposing to rain and other forms of moisture. If they are carried close to the skin, perspiration may cause internal components to corrode and result in malfunction.

- **Do not place the equipment near an air conditioning vent.**

Condensation formed due to rapid changes in temperature may cause internal corrosion and lead to a malfunction.

- **Do not apply excessive force on the handset when using it.**

Carrying the equipment in a tightly packed bag or sitting on it put in your pocket may cause a malfunction or damage of the display, internal components, internal battery, etc.

Keeping an external connector device plugged into the external connection jack may cause a malfunction or damage.

- **Avoid using the handset in extremely high or low temperatures.**

Use the handset within the range of a temperature between 5° C and 35° C and a humidity between 35% and 85%. (including charging)

- **Move as far away as possible from such items before use. Back up to PC, cloud, etc. or keep a separate memo of data stored on the handset.**

●●● shall not be liable for any loss of content.

Notes about the handset

- **Clean only with a soft and dry cloth (such as the type used for eyeglasses).**

- Forceful rubbing of the display may scratch its surface.
- Water drops, dirt, etc. left on the display may cause stains to form on its surface.
- When using unclear terminals or each sensor, etc., the handset may not work properly.
- Never use chemicals such as thinners, benzene or detergents, as these agents may erase the printing or cause discoloration.

- **Alcohol sterilization wipes can be used on this handset.**

To check the chemical resistance, we perform wiping tests using cloths impregnated with the following chemicals used in general alcohol sterilization wipes.

In tests simulating wiping with (1) Ethanol 99.5%, and (2) Sodium hypochlorite 1.0% alcohol sterilization sheets, it was confirmed that no significant discoloration, color fading, or peeling occurred.

However, it is not guaranteed that no discoloration, peeling of the coating, or deformation will occur.

- **Do not forcefully press the display or operate with a pointed object.**

May scratch it and cause malfunction or damage.

- **Using the handset close to household electronic equipment (TVs, radios, etc.) may have harmful effects on the operation of such equipment.**

- **Do not leave the camera lens in direct sunlight.**
May cause discoloration or burn-in of pixels.
- **Use the handset with the nano SIM card tray closed.**
Liquid such as water (drinking water, sweat, seawater, pet urine, etc.) or foreign object such as dust may get inside and cause a malfunction.
- **Do not give a strong impact on the fingerprint sensor or scratch the surface.**
May cause not only malfunction of the fingerprint sensor but also disabling authentication.
- **Never place a magnetic card or magnetized items near the handset.**
The data stored in cash cards, credit cards, transport system IC cards, etc. may be erased.
Putting highly magnetized items closer may cause an error.
- **Do not decorate the handset with films, stickers, etc.**
Functions that use sensors may not operate properly or wireless charging may not work.
For details about the positions of the sensor.
- **The battery life depends on the usage and deterioration of the battery.**
- **Do not store the handset under the following situations because they may lower the performance or shorten the usable life of the internal battery.**
 - Storage with the internal battery fully charged (immediately after charging is completed)
 - Storage with no battery level (cannot turn the handset on)Approximately 40% is recommended as the proper battery level for storage.

- The following is the type of the internal battery built into the handset.

Label	Battery type
Li-ion00	Lithium-ion

- The surface of the handset uses the aluminum material.
Note that dent and abrasion are easily remained as aluminum is a soft material.

Notes about the adapters

- **Clean only with a soft and dry cloth (such as the type used for eyeglasses).**
 - When using unclean terminals, etc., the handset may not work properly.
 - Never use chemicals such as alcohol, thinners, benzene or detergents, as these agents may erase the printing or cause discoloration.
- **Do not charge the internal battery in the following locations.**
 - Areas with high humidity or dust, or in areas exposed to frequent vibrations
 - Close to household electronic equipment (TVs, radios, etc.)
- **Do not use the DC adapter to charge the battery when the car engine is not running.**

May cause the car battery to run down.
- **When using an outlet with a feature to prevent the plug from being removed accidentally, follow the instructions in the outlet user's guide.**

Notes about nano SIM card

- **Do not apply unnecessary force when inserting/removing the nano SIM card.**
- **Customer is responsible for malfunctions arising from inserting nano SIM card into a different IC card reader/writer, etc.**
- **Occasionally clean IC area and always keep it.**

When using the nano SIM card while IC area is not clean, it may not work properly.
- **To protect the environment, please take any unneeded nano SIM cards to a sales outlet such as a ●●● Shop.**
- **Do not damage, touch haphazardly or short-circuit the IC.**

May cause data loss or a malfunction.
- **Do not do the following to the nano SIM card.**
 - Bending or placing heavy objects on it
 - Attaching to the handset with a label or sticker attached

Notes on using Bluetooth function

- The handset supports the security function that meets the Bluetooth specification for security during communication using Bluetooth functions. However, the security may not be sufficient depending on the configuration, etc. Take care of the security while making communication using Bluetooth function.
- Even if any leak of data or information occurs while making communication using Bluetooth function, ●●● shall not be liable for any loss of content.
- You can confirm information and precautions related to the frequency bands by operating the product as follows.
In the home screen, [ ]⇒[Settings]⇒[About phone]⇒[Regulatory labels]
- Radio frequencies

The followings are the frequency bands used by the Bluetooth function of this handset.



- ① 2.4: This radio equipment uses the 2,400 MHz band.
- ② FH: The modulation system is the FH-SS system.
- ③ XX: Another modulation system is used.
- ④ 8: The estimated coverage distance is 80 m or less.
- ⑤   : All radio frequencies between 2,400 MHz and 2,483.5 MHz are used and the frequencies for mobile object identifiers cannot be avoided.

● Cautions on using Bluetooth devices

Bluetooth operates at radio frequencies assigned to the in-house radio stations for a mobile object identifier that have to be licensed and are used in production lines of a factory, specific unlicensed low power radio stations, and amateur radio stations (hereafter, referred to as "another radio station") in addition to industrial, scientific and medical devices or home electric appliances such as microwave ovens.

1. Before using the handset, make sure that "another radio station" is not operating nearby.
2. If radio interference between the handset and "another radio station" occurs, avoid interference by moving immediately to another place or "turning off the power".
3. Contact the number listed on the last page for further details.

Notes about wireless LAN (WLAN)

- Wireless LAN (WLAN) uses radio waves to communicate information. Therefore, it has an advantage of freely connecting to the LAN within the service area. On the other hand, if security setting is not set, it is possible for a malicious third party to intercept the communication contents or hack. It is recommended to set security setting at your own risk and judgement.
- Even if any leak of data and information occurs while making communication using wireless LAN function, ●●● shall not be liable for any loss of content.
- You can confirm information and precautions related to the frequency bands by operating the product as follows.
In the home screen, [ ]⇒[Settings]⇒[About phone]⇒[Regulatory labels]

• Wireless LAN

Do not use wireless LAN near magnetic devices such as electric appliances or AV/OA devices or in radio waves.

- Magnetism or radio waves may increase noises or disable communications (especially when using a microwave oven).
- When used near TV, radio, etc., reception interference may occur or channels on the TV screen may be disturbed.
- If there are multiple wireless LAN access points nearby and the same channel is used, search may not work correctly.

• Radio frequencies

The followings are the frequency bands used by the wireless LAN function of this handset.



- ① 2.4: This radio equipment uses the 2,400 MHz band.
- ② DS: The modulation system is the DS-SS system.
- ③ OF: The modulation system is the OFDM system.
- ④ 4: The estimated coverage distance is 40 m or less.
- ⑤ [REDACTED] [REDACTED] [REDACTED]: All radio frequencies between 2,400 MHz and 2,483.5 MHz are used and the frequencies for mobile object identifiers can be avoided.

Available channels for the handset's wireless LAN are between 1 and 13. Note that other channel access points cannot be connected.

Available channels may vary depending on the country.

For use in an aircraft, contact the airline beforehand.

• Cautions on using 2.4 GHz devices

WLAN-installed devices operate at radio frequencies assigned to the in-house radio stations for a mobile object identifier (radio stations requiring a license) used in production lines of a factory, specific low power radio stations (radio stations requiring no license), and amateur radio stations (radio stations requiring a license) in addition to industrial, scientific and medical devices or home electric appliances such as microwave ovens.

1. Before using this device, make sure that the in-house radio stations for a mobile object identifier, specific low power radio stations and amateur radio stations are not operating nearby.
2. If the device causes harmful radio interference to the in-house radio stations for a mobile object identifier, immediately change the radio frequency or stop use, and contact the number listed on the last page for crosstalk avoidance, etc. (e.g. partition setup).
3. If the device causes radio interference to specific low power radio stations for a mobile object identifier or amateur radio stations, contact the number listed on the last page for further details.

• Cautions on using 5 GHz devices

In the 5 GHz frequency band, three bands of 5.2 GHz/5.3 GHz/5.6 GHz band (W52/W53/W56) are available.

- 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 5.2 GHz/5.3 GHz band wireless LAN (W52/W53) outdoors is prohibited by the law (except when communicating with an access point/relay station of a 5.2 GHz band high power data communication system).

Voluntary control for radio wave interference

- **This product satisfies technical requirements based on VCCI Rules for Voluntary Control Measures and its satisfied mark is displayed on the electronic nameplate of the product.**

You can see the electronic nameplate by operating the product as follows.

In the home screen, [Icons]⇒[Settings]⇒[About phone]⇒[Regulatory labels]

Caution

- **Never use the handset that is modified. Using a modified device violates the Radio Law and/or the Telecommunications Business Law.**

The handset follows the regulations regarding the certification of conformity with technical regulations for specific radio stations, etc. based on the Radio Law and authentication of conformity with technical regulations for devices, etc. based on the Telecommunications Business Law, and the "Technical Conformity Mark  " can be displayed on the electronic nameplate of the handset as a proof. You can see it by operating as follows.

In the home screen, [Icons]⇒[Settings]⇒[About phone]⇒[Regulatory labels]

If the screws of the handset are removed and a modification is given to the inside, the certification of conformity with technical regulations, etc. will become invalid. Never use the handset without the valid certification, etc. Doing so violates the Radio Law and/or the Telecommunications Business Law.

- **Be careful when using the handset while driving a motor vehicle, motorized bicycle, or bicycle.**

Except when prescribed by law, watching or touching the handset screen while driving is a punishable offense.

- **The FeliCa and NFC reader/writer function of the handset conform to the domestic radio wave standards.**

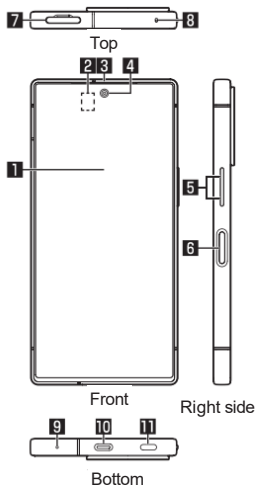
When you use it overseas, check conditions such as regulations of the country/region in advance.

- **Never change the basic software improperly.**

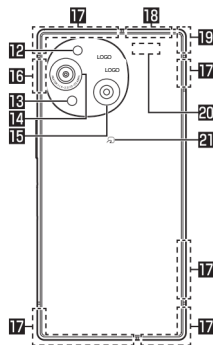
This may be regarded as a conversion of software and repairs may be refused.

Before Using the Handset

Part names and functions



- 1 Display/Touch panel
- 2 Proximity sensor/Brightness sensor
- 3 Earpiece/Speaker
- 4 Front camera
- 5 Volume up key/Volume down key
- 6 Fingerprint sensor
- 7 SD Card/nano SIM Card tray
- 8 Microphone
- 9 Mouthpiece/Microphone
- 10 USB Type-C connection jack
- 11 Speaker



Back

- 12 Mobile light
- 13 Spectral sensor
- 14 Wide-angle camera
- 15 Standard camera
- 16 Wi-Fi/Bluetooth antenna
- 17 5G/LTE antenna
- 18 5G/LTE/GPS antenna
- 19 5G/LTE/Wi-Fi/Bluetooth antenna
- 20 5G/LTE/UWB antenna
- 21  mark

- The back cover cannot be removed from the handset. Removing it forcibly may cause damage or a malfunction.
- The battery is built into the handset and you cannot replace it by yourself.

Mobile light

- The mobile light may be automatically turned off if the temperature of the handset becomes high. Also, you may not be able to use the mobile light if the handset is warm.

Microphone

- When using functions which support the microphone, do not cover the hole of the microphone.

Earphone/Microphone

- Depending on the type of the earphone/microphone, it may not be available.

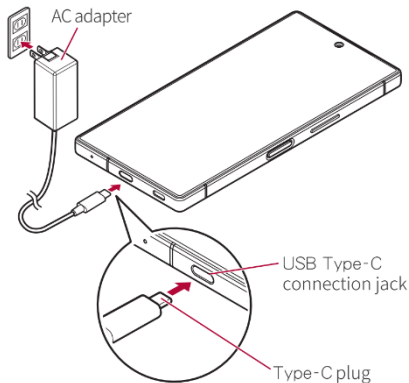
Turning power off forcibly

- You can turn the power off forcibly by pressing  (Power key) +  for at least 8 seconds. Release your finger after the vibrator is activated to turn the power off. Note that data, contents you have set, etc. may be deleted since the power is turned off forcibly.

Charging with AC adapter

When charging the battery with AC Adapter (sold separately), operate the following steps.

- 1 Insert the Type-C plug of the AC adapter horizontally into the USB Type-C connection jack on the handset
- 2 Erect the AC adapter power plug and insert it into an outlet



- 3 When charging is complete, pull the AC adapter power plug from the outlet and remove the Type-C plug horizontally from the USB Type-C connection jack

- Refer to user's guide of AC Adapter.
- The shape of the plug for the AC adapter is for 100V AC (for domestic use). To use the AC adapter of 100 to 240V AC overseas, a conversion plug adapter applicable to your country of stay is required. Do not use a voltage converter for overseas travel to charge the battery.
- Note that inserting or removing the equipment forcibly may cause damage to the USB Type-C connection jack and the Type-C plug or result in a malfunction.

Charging with DC adapter

DC Adapter (sold separately) supplies the power for charging from a car accessory socket (12 and 24V).

For details, refer to user's guide of DC Adapter.

- The DC adapter should only be used in negative grounded vehicles (12 and 24V DC).
- Do not use with the car engine shut off. May drain the car battery.
- The DC adapter fuse is a consumable product. For replacement, purchase a new fuse at a nearest auto parts retailer, etc.

Charging with USB cable

You can charge the handset by connecting the handset to a PC with USB cable A to C (sold separately), etc.

Turning power on/off

■ Turning power on

1 (Power key) (for at least 3 seconds)

- When you turn the power on for the first time, make the initial settings.

■ Turning power off

1 (Power key) +

- The power menu is displayed.

2 [Power off]

- Touch [Restart] to turn off the handset power and then restart it automatically.

■ Turning the screen on/off

The screen is turned off when  (Power key) is pressed or the handset is not in use for a set length of time.

Press  (Power key) while the screen is turned off to turn it on.

■ Unlocking the screen lock

When you turn on the screen, the lock screen is displayed.

- When  is displayed: Swipe the screen up to unlock the Screen lock.

When  is displayed: Swipe the screen up and enter the password, etc. set in [Screen lock] to unlock the Screen lock.



Lock screen

Basic operation

Basic operation

The followings describe basic operations of the handset such as operations of the touch panel and navigation bar, and operations for shooting screenshot.

Operation of touch panel

The operations to use the display (touch panel) are described below.

- Operations may differ depending on the function and screen in use.

Cautions when using the touch panel

- The touch panel is designed to be lightly touched with your finger. Do not forcefully press with your finger or a pointed object (fingernail, ballpoint pen, pin, etc.).
- In the following cases, the touch panel may not work even if you touch it. May cause a malfunction.
 - Operation with a gloved finger*
 - Operation with the tip of a fingernail
 - Operation with foreign object placed on the operation pad
 - Operation on the touch panel on which a protective sheet, sticker, etc. is put
 - Operation while the touch panel is wet
 - Operation with fingers wet with sweat, water, etc.
 - Operation under water
- Operations may be interrupted if you touch an area other than a confirmation screen or the status bar while the confirmation screen, etc. is displayed.

■ Touch

Touch an icon or an item displayed on the screen and then release your finger from it to select or set it.



■ Touch and hold

When you keep your finger on the touch panel, a menu may appear depending on the function and screen in use.

■ Slide (Swipe)/Drag

Move your finger while keeping it on the touch panel to scroll the screen or move an icon, a widget, etc. to the desired position. In addition, when you touch a menu or an item by mistake, move your finger away from it to cancel the selection.



■ Flick

Move your finger like sweeping the touch panel in the home screen, etc. to switch pages.



■ Pinch out/Pinch in

You may be able to zoom the screen in/out, etc. by putting two fingers on the touch panel and moving them with putting a distance between two fingers apart (pinch out)/closer (pinch in) depending on the function and screen in use.



Operation while using function

■ Navigation bar

Use the buttons, etc. displayed on the navigation bar at the bottom of the screen to perform basic operations.



1 : **Back button/Close button**

- Return to the previous screen.
- Close the keyboard.

2 : **Home button**

- Display the home screen.
- Touch and hold to use Circle to Search.

3 : **Recent Apps button**

- Display the recent apps.

- When operating in the home screen, []⇒[Settings]⇒[System]⇒[Gestures]⇒[Navigation mode]⇒[] of [3-button navigation], the order of buttons displayed on the navigation bar of "Button Order" can be selected.

Wi-Fi

If you use Wi-Fi function of the handset, you can use mail or Internet by connecting to access points of your home, corporate network or public wireless LAN service.

Radio interference with Bluetooth devices

- Wireless LANs (IEEE 802.11b/g/n/ax/be) use the same frequency band (2.4 GHz) as Bluetooth devices. Therefore, using the wireless LAN device near a Bluetooth device may cause radio interference, lowering of communication speed, noise or connection failure. In this case, turn off the Bluetooth device or keep the handset and the wireless LAN device at least approximately 10 m away from the Bluetooth device.
- Packet communication is also available while [Wi-Fi] is set to ON. Wi-Fi connection is prioritized while Wi-Fi connection is set, but the connection is automatically switched to that of mobile network once Wi-Fi connection is terminated. Note that packet communication charges may be incurred in this case.
- Refer to the manual of your wireless LAN base unit when using the access point at home, etc.
- Operate access point registration near the access point.
- If you use the ●●● service by using Wi-Fi function, set d ACCOUNT in advance. In the home screen, select []⇒[Settings]⇒[●●● service/cloud]⇒[d ACCOUNT setting] to set it.

1 In the home screen, []⇒[Settings]⇒[Network & internet]⇒[Wi-Fi and Mobile Network]

2 Set [Wi-Fi] to ON

3 Select an access point

- If you select an access point protected by security, enter the password (security key) and select [Connect].
- To register access points manually: [Add network]⇒enter the network name⇒set security⇒[Save]
 - If the access point to be connected to supports connecting by reading a QR code, you can connect by touching [] and reading the QR code.
- When you touch [Saved networks], the access point saved to the handset is displayed.
- When you touch [Non-carrier data usage], the volume of data used via Wi-Fi networks is displayed in a graph. Also, you can check apps having used a Wi-Fi network.

- When you connect to Wi-Fi network, [Connected] is displayed. When a different message is displayed, make sure the password (security key). When the connection is not established even if you enter a correct password (security key), the correct IP address may not have been acquired. Check the signal status and reconnect.
- Enhanced Open, WEP, WPA/WPA2-Personal, WPA3-Personal, WPA/WPA2-Enterprise, WPA3-Enterprise and WPA3-Enterprise 192-bit are supported as the security setting for manual registration of an access point.
- When connecting to an access point which has not been connected, [] is displayed.

Battery - CAUTION

Use specified Charger only.

Non-specified equipment use may cause malfunctions, electric shock or fire due to battery leakage, overheating or bursting.

The battery is embedded inside the product. Avoid removing the embedded battery since this may cause overheating or bursting.

Do not dispose of the product with ordinary refuse. Take the product to a Shop, or follow the local disposal regulations.

Charge battery in ambient temperatures between 5°C and 35°C; outside this range, battery may leak/overheat and performance may deteriorate.

Volume level caution

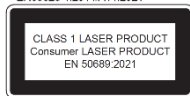


To prevent possible hearing damage, do not listen at high volume levels for long periods.

Laser (proximity sensor)

- Do not stare proximity sensor.
May temporarily affect eyesight,
Leading to accidents.

EN60825-1:2014/A11:2021



the power delivered by the charger must be between min [xx] Watts required by the radio equipment, and max [yy] Watts in order to achieve the maximum charging speed.

USB PD fast charging

FCC Notice

- This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions:
(1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.
- Changes or modifications not expressly approved by the manufacturer responsible for compliance could void the user's authority to operate the equipment.

Information to User

This equipment has been tested and found to comply with the limits of a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications.

However, there is no guarantee that interference will not occur in a particular installation; if this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

1. Reorient/relocate the receiving antenna.
 2. Increase the separation between the equipment and receiver.
 3. Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
 4. Consult the dealer or an experienced radio/TV technician for help.
- A. The use of antennas mounted on outdoor structures, e.g., antennas mounted on the outside of a building or on a telephone pole, or any fixed outdoors infrastructure is prohibited. Antennas may be mounted only on the hand held UWB device.
- B. UWB devices may not be employed for the operation of toys.
Operation onboard an aircraft, a ship or a satellite is prohibited.
- C. This device is approved under Part 15.519 for handheld use only.

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 organizations 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 when tested for use at the ear is **0.28 W/kg** and when worn on the body, as described in this user guide, is **0.73 W/kg**.

For body worn operation, this phone has been tested and meets

the FCC RF exposure guidelines. Please use an accessory designated for this product or an accessory which contains no metal and which positions the handset a minimum of 1.0 cm from the body.

The use of accessories that do not satisfy these requirements may not comply with FCC RF exposure requirements, and should be avoided.

The FCC has granted an Equipment Authorization for this model handset with all reported SAR levels evaluated as in compliance with the FCC RF emission guidelines. SAR information on this model handset is on file with the FCC and can be found under the Display Grant section of <https://www.fcc.gov/oet/ea/fccid> on FCC ID **APYHRO00336**.

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 via the About phone & the Regulatory labels under the Settings menu.

Bluetooth® word mark and logo are registered trademarks owned by the Bluetooth SIG Inc., and SHARP CORPORATION is licensed to use these trademarks.

