

Safety Precautions







Read Safety Precautions before using handset.

- Observe precautions to avoid injury to self or others, or damage to property.
- We are not liable for any damages resulting from use of this product.

These labels show degree of risk from improper use; learn them before reading on:

 DANGER	Great risk of death or serious injury
 WARNING	Risk of death or serious injury
 CAUTION	Risk of minor injury or damage to property

These symbols signify prohibited/compulsory actions; learn them before reading on:

 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 from outlet

Safety Precautions

Handset, Battery & AC Charger (Optional Accessory)



DANGER

Use specified Battery and AC Charger only.

Non-specified equipment use may cause Battery to leak, overheat, burst or ignite, and may cause AC Charger to overheat, ignite, malfunction, etc.



Compulsory

Do not disassemble, modify or solder handset or related hardware.

May cause fire, injury, electric shock or malfunction. Battery may leak, overheat, burst or ignite. Modifying handsets is prohibited by the Radio Law and subject to penalty.



Do Not Disassemble

Do not expose internal handset parts, Battery or AC Charger to liquids.

Do not let exposed internal parts remain wet; do not charge while they are wet. May cause overheating, electric shock, fire, injury or malfunction. Use only as directed.



Avoid Liquids
Or Moisture

Do not charge Battery in or expose handset or related hardware to extreme heat (fire, heat sources, direct sunlight, inside vehicles, etc.). Do not charge, leave, use, or be carrying handset or related hardware in a warm place or where heat collects, such as under a kotatsu (blanketed warming table) or electric blanket, next to a kairo (worn warming patch), etc.

May cause warping/ malfunction; Battery may leak, overheat, ignite or burst. Handset or related hardware may become hot to the touch, leading to burn injuries, etc.



Prohibited

Do not force Battery/ AC Charger into handset. Confirm terminal/ connector orientation; retry.

Battery may leak, overheat, burst, ignite, etc.



Prohibited



WARNING

Do not place handset, Battery or AC Charger in/on ovens, microwave ovens, pressure cookers, induction stoves or other cooking appliances.

Battery may leak, overheat, burst or ignite. Handset/AC Charger may overheat, emit smoke, ignite, malfunction, etc.



Prohibited

Safety Precautions

Keep handset off and AC Charger disconnected near gas stations or places with fire/explosion risk.

Handset use near petrochemicals or other flammables may cause fire/explosion.



Compulsory

Do not drop/throw or subject to strong impact.

Battery may leak, overheat, burst or ignite, resulting in fire, electric shock, malfunction, etc.



Prohibited

For unusual sound/odor, smoke or other abnormality:

Continued use may cause fire, electric shock, etc.; grasp AC Charger plug to disconnect from the outlet, power off, then remove Battery, being careful not to burn or injure yourself.



Compulsory

Keep liquid (water, pet urine, etc.) or conductive material (pencil lead, metal strip/jewelry, etc.) away from External Device Port.

May cause short circuit, resulting in fire, malfunction, etc.



Prohibited

Never charge handset while it is wet.

May cause fire or damage due to electric shock, short circuit, burn injuries, etc.



Prohibited

Do not expose handset or related hardware to hot air from dryers, etc. to dry them or for other purposes. Avoid saunas or hot water.

Battery may leak, overheat, burst or ignite. Handset may overheat, emit smoke, ignite, malfunction, etc.



Prohibited



CAUTION

Do not place handset or related hardware on unstable surfaces.

Handset or related hardware may fall, resulting in injury, malfunction, etc.; take added care when Vibration is set or while charging.



Prohibited

Keep handset and related hardware away from infants.

Infants may choke from swallowing handset or related hardware or be injured, etc.



Compulsory

For use of handset/related hardware by child, explain instructions and supervise use.

Misuse may cause injury, etc.



Compulsory

Safety Precautions

Handset



WARNING

Do not use handset while driving or cycling.

Accidents may result. Phone use while driving or cycling is prohibited by law and subject to penalty; park legally beforehand.



Prohibited

Power off near electronic devices that employ high precision control systems or weak signals.

May cause electronic malfunctions, etc. Take added care near these devices: Hearing aids, implanted pacemakers/defibrillators and other electronic medical equipment; fire alarms, automatic doors and other automatic control devices.



Compulsory

Keep handset off aboard aircraft or in hospitals, etc. where mobile phone use is prohibited.

Handset use may affect electronic medical equipment and other electronic devices. For mobile phone use in medical facilities, obey corresponding medical facility rules. Conducting prohibited acts such as using mobile phone aboard aircraft is subject to penalty by law. However, if mobile phone use aboard aircraft is allowed under certain conditions (signal-transmitting functions are disabled, etc.), follow airline instructions.



Compulsory

Users with a heart condition should adjust ringtone Vibration and Volume as needed.

May cause heart damage.



Compulsory

If thunder is audible while outdoors, power off; find cover.

There is a risk of lightning strike or electric shock.



Compulsory

Do not look into Infrared Port during Infrared transmissions.

Eyesight may be affected.



Prohibited



CAUTION

Do not use handset when it may affect a vehicle's electronic equipment.

Handset use inside vehicles may cause electronic equipment to malfunction, resulting in accidents.



Prohibited

For any skin irritation associated with use, discontinue use and consult a doctor.

Metal and other materials (P.12-4) may cause skin irritation, rashes, or itchiness depending on your physical condition.



Compulsory

Keep handset away from magnetic cards, etc.

Data on bank cards, credit cards, telephone cards, floppy disks, etc. may be lost.



Prohibited

Safety Precautions

Do not swing handset by Strap.

May harm self or others;
Strap may break, resulting
in injury or handset
malfunction/breakage.



Prohibited

Handset may become hot while in use, especially in high temperature.

Prolonged contact with skin
may cause burn injuries.



Compulsory

Always maintain some distance from Speaker while ringtones, music or other handset sounds play.

Excessive volume may
damage ears or hearing.



Prohibited

Moderate handset Volume when using Headphones.

Excessive volume may
damage ears or hearing.



Compulsory

Battery

Read Battery label to confirm battery type; use/dispose of Battery accordingly.

Symbol on Label	Battery Type
Li-ion00	Lithium-ion



DANGER

Do not dispose of Battery in fire.

Battery may leak, burst,
ignite, etc.



Prohibited

Do not damage (nail, hammer, stomp, etc.) Battery or subject it to strong impact.

Battery may leak, overheat,
burst, ignite, etc.



Prohibited

Keep wire or other metal objects away from Battery terminals. Do not carry/store Battery with conductive material (pencil lead, metal strip/jewelry, etc.).

Battery may leak, overheat,
burst, ignite, etc.



Prohibited

If battery fluid gets in eyes, do not rub; rinse with water and consult a doctor immediately.

Eyes may be severely
damaged.



Compulsory



WARNING

If battery fluid contacts skin or clothes, discontinue handset use and rinse with clean water immediately.

May cause skin damage.



Compulsory

If Battery does not charge properly, stop trying.

Battery may leak, overheat,
burst, ignite, etc.



Compulsory

Safety Precautions

For abnormal odor, excessive heat, discoloration or distortion, remove Battery, being careful not to burn or injure yourself. Avoid sources of flame.



Continued use may cause Battery to leak, overheat, burst, ignite, etc.

Do not let your pet bite Battery.



Pet bites may cause Battery to leak, burst, overheat, ignite, etc.

CAUTION

Do not dispose of an exhausted Battery with ordinary refuse.



Battery may ignite or damage the environment. Insulate Battery by taping over Battery terminals before disposal. Take Battery to a WILLCOM Plaza/WILLCOM Counter, or follow the local disposal regulations.

AC Charger (Optional Accessory)

WARNING

Do not cover/wrap AC Charger while charging.

AC Charger may overheat, resulting in fire, malfunction, etc.



Use only the specified voltage.

Non-specified voltages may cause fire, malfunction, etc.

- AC Charger: AC 100 V - 240 V Input

Do not use power adapters. Transformer use may cause fire, electric shock or malfunction.



Unplug AC Charger for periods of disuse; grasp plug to disconnect.

May cause electric shock, fire or malfunction.



If liquid (water, pet urine, etc.) gets inside, grasp plug to disconnect it immediately.

May cause electric shock, smoke or fire.



To remove debris, grasp plug to disconnect AC Charger, then clean with a dry cloth. Fire may result.



Plug AC Charger firmly into the outlet, keeping plug and terminals away from conductive material (pencil lead, metal strip/jewelry, etc.).

May cause electric shock, short circuit, fire, etc.



Do not touch plug with wet hands.

May cause electric shock, malfunction, etc.



Do not touch AC Charger if thunder is audible.

May cause electric shock, etc.



Safety Precautions

Do not expose AC Charger to moisture (precipitation, bath/shower, etc.).

May cause fire, electric shock or malfunction.



Prohibited



CAUTION

Grasp plug to disconnect AC Charger before cleaning.

May cause electric shock, etc.



Disconnect
Power Source

Always grasp plug (not cord) to disconnect AC Charger.

Pulling plug by cord may damage cord; may cause electric shock, fire, etc.



Compulsory

Do not subject AC Charger to strong impact while it is plugged in.

May cause malfunction or injury.



Prohibited

Handset Use & Electronic Medical Equipment

This section is based on "Guidelines on the Use of Radio Communications Equipment such as Cellular Telephones and Safeguards for Electronic Medical Equipment"

(Electromagnetic Compatibility Conference, April 1997) and "Guidelines to safeguard implanted medical devices against radio emissions from the use of radio equipment" (Ministry of Internal Affairs and Communications, January 2013).



WARNING

Persons with implanted pacemaker/defibrillator should keep handset more than 15 cm away.

Radio waves may interfere with implanted pacemakers or defibrillators.



Compulsory

Before using electronic medical equipment other than implanted pacemaker/defibrillator outside medical facilities, consult the vendor on radio wave effects.

Radio waves may interfere with electronic medical equipment.

Observe these rules inside medical facilities to avoid effects of radio waves on electronic medical equipment:

- Do not enter an operating room or an Intensive or Coronary Care Unit while carrying a handset.
- Keep handset off in hospitals.
- Even in lobbies or other places, keep handset off near electronic medical equipment.
- Obey medical facility rules on mobile phone use.



Compulsory



Compulsory

Safety Precautions

If it may not be possible to keep handset 15 cm away from other persons (e.g., in a crowded situation where you cannot move freely), disable signal-transmitting functions or power off beforehand. Persons with implanted pacemaker/defibrillator may be near.



Compulsory

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

General Notes

General Use

- We are not liable for any damages resulting from accidental loss/alteration of handset files or settings. Keep separate copies of contacts, etc.
- Handset transmissions may be disrupted inside buildings, tunnels or underground, or when moving into/out of such places; may affect calls.
- Use handset without disturbing others.
- Handsets are radios as stipulated by the Radio Law. Under the Radio Law, handsets must be submitted for inspection upon request.
- Handset use near landlines, TVs or radios may cause interference.

• Beware of eavesdropping.

Because this service is completely digital, the possibility of signal interception is greatly reduced. However, some transmissions may be overheard.

- Deliberate/accidental interception of communications constitutes eavesdropping.
- Beware of harmful/malicious websites. Take added care when posting personal information, etc.
- An export license may be required to carry handset into other countries if it is to be used by or transferred to another person. However, no such license is required when taking handset abroad for personal use on a vacation or business trip and then bringing it back. Export control regulations in the United States provide that an export license granted by the US government is required to carry handset into Cuba, Iran, North Korea, Sudan or Syria.

Handset & Hardware Care

- Handset is not completely water proof. To use it safely, read through "**Water & Dust Resistance**" (P.13-12) beforehand.
- Battery and optional accessories are not water or dust proof.
- If handset is left with no Battery inserted or an exhausted one, files and data may be altered/lost. We are not liable for any resulting damages.
- Use handset within 5°C - 35°C (up to 40°C for brief periods in bathrooms, shower rooms, etc.) and 35% - 90% humidity.
- Avoid extreme temperature or direct sunlight.
- Handset/Battery may become warm during operation or while charging. This is normal.
- Warranty does not cover malfunctions resulting from misuse.

General Notes

- Exposing Camera area to direct sunlight may damage Color Filter and affect image color.
- Battery may not charge properly if Port/terminals are obstructed by dust, etc. Clean with a dry cloth, cotton swab, etc.
- Clean handset with a soft dry cloth. Alcohol/solvent use may fade color/print.
- Do not subject handset to strong impact; do not poke Mic, Earpiece, Speaker, etc. with a cotton swab or sharp object; water/dust resistance may be affected.
- Avoid scratching Display.
- Avoid heavy objects or excessive pressure. May cause malfunction or injury.
 - Do not sit on handset in back pants pocket.
 - Do not place heavy objects on handset inside handbags, packs, etc.
- Avoid placing handset directly on sand. Sand may penetrate Earpiece, Speaker, etc., resulting in low volume.
- Connect only specified products to External Device Port. Other devices may malfunction or cause damage.
- Always power off before removing Battery. If Battery is removed while saving data or sending mail, data may be lost, changed or destroyed.
- When walking outside, moderate handset Volume to avoid accidents.
- Avoid covering Speaker while using handset.

Camera

- Mind etiquette when using Camera.
- Test Camera before shooting special moments.
- Do not use Camera in places where shooting is prohibited.
- Captured images may not be used/ transferred without copyright holder (photographer) permission, except for personal use.

Bluetooth® Function

We are not liable for any damages resulting from data/information leakage due to use of handset Bluetooth® function.

■ Precautions

The frequency band utilized by handset Bluetooth® function is shared with industrial, scientific or medical equipment, including household microwave ovens, and used by radio stations, amateur radio stations, etc. (hereafter "other radio stations").

- 1 Before using Bluetooth®, visually confirm that no other radio stations sharing the same frequency band are in use nearby.
- 2 Should interference occur between handset and other radio stations, move or cancel Bluetooth® function immediately.
- 3 For additional information and support, contact WILLCOM Service Center (P.12-9).

• Frequency Band

This radio station utilizes 2.4 GHz band with FHSS modulation. Maximum transmission radius is 10 meters. It is not possible for the radio station to avoid using the frequency band of a mobile unit identification apparatus.

2.4FH1
: :

Portrait Rights

- Portrait rights protect individuals' right to refuse to be photographed or to refuse unauthorized publication/use of their photographs. Portrait rights consist of the right to privacy, which is applicable to all persons, and the right to publicity, which protects the interests of celebrities. Therefore, photographing others including celebrities and publicizing/distributing their photographs without permission is illegal; use Camera responsively.

Copyrights

- Copyright laws protect sounds, images, computer programs, databases, other materials and copyright holders. Duplicated material is limited to private use only. Use of materials beyond this limit or without copyright holder permission may constitute **copyright infringement**, and be subject to criminal punishment. Comply with copyright laws when using images shot with Camera.

The software contained in handset is copyrighted material; copyright, moral right and other related rights are protected by copyright laws. Do not copy, modify, alter, disassemble, decompile or reverse-engineer the software; do not separate it from hardware in whole or part.

Water & Dust Resistance

Water & Dust Resistance

Handset complies with IPX5 (former JIS protection level 5)¹ and IPX7 (former JIS protection level 7)² water protection standards as well as IP5X (JIS protection level 5)³ dust protection standard, with External Device Port Cover (hereafter "Port Cover") and Battery Cover closed firmly.

¹IPX5 compliant means that a handset continues to function as a phone after being subjected to a water jet (approximately 12.5 liters/min.) discharged from a nozzle (inner diameter: 6.3 mm), from all directions (approximately 3 m from handset) for at least 3 minutes.

²IPX7 compliant means that a handset continues to function as a phone after being gently submerged to the depth of 1 m in still tap water at room temperature, left there for approximately 30 minutes, then removed from it.

³IP5X compliant means that a handset continues to function as a phone and its safety is maintained after being agitated in a device containing dust of 75 μm or smaller in diameter for 8 hours, then removed from the device.

- Water/dust resistance may be affected under some circumstances. Warranty does not cover malfunctions resulting from misuse.
- Handset is compliant with IPX5, IPX7 and IP5X water/dust protection standards. However, ingress of dirt, sand, mud, metal powder, food, beverage, etc. may cause malfunction.

Handset Care

- Close Battery Cover and Port Cover firmly. Debris (hair, sand, fibers, etc.) trapped between gasket and base may allow ingress of liquid/dust.
- If Battery/Port Cover is left open liquid exposure may cause handset malfunction/electric shock. Power off, then remove Battery.
- If handset is wet, wipe it with a dry cloth.
- Do not open/close Battery/Port Cover with wet hands or while handset is wet.
- Handset is only water resistant against fresh/tap water between 5°C - 35°C.

Precautions

- Do not subject handset to soap, detergent, bath powder/oil, sea/pool/spa water, hot water, etc.
- Rinse off sea/pool water, beverage, dirt, sand, mud, etc. immediately; residue may cause malfunction if allowed to dry.
- Rinse off sand, dirt, etc. completely before use; any residue may damage handset causing malfunction.
- Do not soak handset in bath or pool; never use it in water (including key operation).
- Handset is not resistant to water pressure. Avoid high-pressure water/shower (over 6 liters/min.) or water immersion.
- Do not expose handset to extreme humidity for long periods; avoid prolonged use in bath/shower rooms.
- Do not use in saunas. Avoid hot air from dryers or other sources.

Water & Dust Resistance

- Use handset within 5°C - 35°C (up to 40°C for brief periods in bathrooms, shower rooms, etc.) and 35% - 90% humidity.
- Avoid extreme temperature (near stoves, inside refrigerators, etc.).
- Volume may be low when Mic, Earpiece or Speaker is wet; dry handset before use (see **P.13-14** "Drying Handset").
- Battery and optional accessories are not water or dust proof.
- Do not subject handset to strong impact; do not poke Mic, Earpiece, Speaker, etc. with a cotton swab or sharp object; water/dust resistance may be affected.
- Avoid placing handset directly on sand. Sand may penetrate Earpiece, Speaker, etc., resulting in low volume.
- Do not move handset directly from a cold place to a warm humid place; condensation may occur. Should this happen, dry handset naturally at room temperature.
- Handset does not float on water.
- Keep handset out of heavy rain.

- Do not let liquid-exposed handset remain wet; exposure to cold may freeze liquid causing malfunction.
- Damaged Battery/Port Cover affects water/dust resistance; contact WILLCOM Service Center or Sharp Corporation Mobile Telecommunication Services Business Promotion Center.

Charging Precautions

- Charger and other optional accessories are not water or dust proof. Avoid moisture (precipitation, bath/shower, etc.); may cause fire, electric shock or damage.
- Never charge handset while it is wet; may cause fire or damage due to electric shock or short circuit.
- Close Port Cover firmly after charging.
- Do not touch Charger with wet hands. Electric shock may occur.
- Do not use Charger in rooms in which water is regularly in use (kitchens, bathrooms, shower rooms, etc.); may cause fire or electric shock.

Care & Maintenance

- Proper care of Port Cover gasket and Battery Cover gasket (for battery housing area) is crucial for continued handset water/dust resistance. Observe the following:
 - Do not remove or damage gaskets. Keep them clean.
 - Do not insert sharp objects into Port/Battery Cover gaps; may damage gasket and affect water/dust resistance.
 - If Port Cover gasket or Battery Cover gasket (for battery housing area) is damaged or deformed, contact WILLCOM Service Center or Sharp Corporation Mobile Telecommunication Services Business Promotion Center for gasket replacement.
- To maintain water/dust resistance, replace related parts every 2 years regardless of their condition. Customer-requested parts replacement incurs fees and requires handset submission. For details, contact **"Customer Service" (P.12-9)** or a WILLCOM Plaza/WILLCOM Counter.

Cleaning Handset

Washing Handset

Wipe off dirt, sand, beverage, etc., gently with a cloth. Then with Battery Cover closed, hold handset approximately 10 cm below faucet or shower head and wash with low-pressure tap water (6 liters/min. or lower) at room temperature (5°C - 35°C). Wash with your hands, taking care not to open Battery Cover and Port Cover; do not use a brush or sponge. Dry handset before use.

- Before washing handset, make sure that Battery Cover and Port Cover are closed firmly.
- Do not use a washing machine or ultrasonic cleaner.
- Do not place handset in a microwave oven to dry it. Battery/handset may leak, burst, overheat or ignite; may cause malfunction, accident or injury.
- Do not dry handset using extreme heat (hot air from dryers or other sources); may cause warping, discoloration or damage.

Drying Handset

Dry these parts when exposed to water:

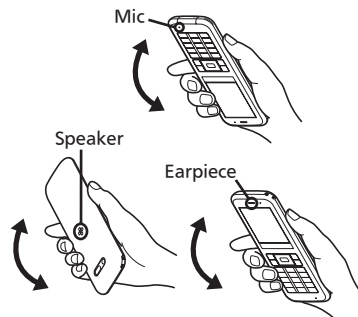
- Earpiece, Mic, Speaker

1

Wipe handset surface with dry cloth

2

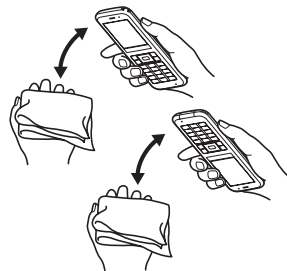
Holding handset firmly by its sides, shake it about 20 times



- Be careful not to drop handset.

3

Pat against dry cloth to remove moisture from grooves



4

Leave handset on dry cloth for approximately 2 - 3 hours at room temperature

If Handset is Used in Wet Conditions

- Voice quality may be affected, or moisture may transfer to clothes, bag, etc.
- Moisture may short-circuit External Device Port.
- Exposure to cold may freeze moisture; may cause malfunction.