

Setting Guide", "Basic Manual", "Notes on Usage", etc. are collectively referred to as "Instruction Manual".
In this manual, isai VL (LGV31) is usually referred to as the "product".
In this manual, "microSD™ memory card", "microSDHC™ memory card" and "microSDXC™ memory card" are abbreviated as "microSD memory card" or "microSD".

October 2014, 1st Edition
MFL68705201

For inquiries, call:

Customer Service Center
For general, charge, operations (toll free)
Business hours 9:00~20:00 (7 days a week)
From fixed-line phones: 0077-7-111
From au cell phones: 157 area code not required
PRESSING ZERO WILL CONNECT YOU TO AN OPERATOR
AFTER CALLING 157 ON YOUR AU CELL PHONE

For service canceling procedure in case of loss or theft (toll free)

Business hours 24-hour (7 days a week)
From fixed-line phones: 0077-7-113
From au cell phones: 113 area code not required

In case above numbers are not available,

0120-977-033 (except Okinawa)
0120-977-699 (Okinawa)

Sold by: KDDI CORPORATION,
OKINAWA CELLULAR TELEPHONE COMPANY
Imported by: LG Electronics Japan Inc.
Manufactured by: LG Electronics Inc.

Exemptions

- The Company is not liable for any damages arising from earthquakes, lightning, storms, floods or other natural disasters, as well as fires, actions by third parties, other accidents, intentional or mistaken misoperation by the customer, or use under other unusual conditions outside the responsibility of the Company.
- The Company is not liable for any incidental damages (change/disappearance of described content, loss of business income, disruption of business, etc.) arising from use or inability to use the product.
- The Company is not liable for any damages arising from failure to observe the described content of the "Instruction Manual".
- The Company is not liable for any damages arising, for example, from malfunction caused by combination with connected devices or software not related to the Company.
- Captured image data or downloaded data may sometimes be altered or lost due to faults, repair or other handling of the product. The Company is not liable for any damage or lost income resulting from recovery of these data.
- It is recommended you keep a copy of important data on your PC's hard disk, etc. Whatever the cause of the defect or malfunction may be, the Company assumes no responsibility for alteration or loss of saved data.
- * The "Company" as appears in this manual refers to the following companies:
Sold by: KDDI CORPORATION, OKINAWA CELLULAR TELEPHONE COMPANY
Imported by: LG Electronics Japan Inc.
Manufactured by: LG Electronics Inc.

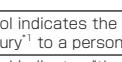
memo

- Reproduction of the content of this manual in part or in whole is prohibited.
- The content of this manual is subject to change without notice.
- Every effort has been made in the preparation of this manual. Should you notice any unclear points, omissions, etc., feel free to contact us.

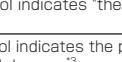
Safety Precautions (Observe Strictly)

- Before using the product, thoroughly read these safety precautions for proper use. After reading, store the precautions in a safe place.
- These "Safety Precautions" describe instructions that should be observed to prevent damage to property or injury to the customer or others using the product.
- These instructions are divided into the following categories.

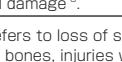
■ These instructions are divided into the following categories.



This symbol indicates the potential and imminent danger of death or serious injury¹ to a person.



This symbol indicates "the possibility of death or serious injury to a person".



This symbol indicates the possibility of personal minor injury² to a person or physical damage³.

¹ Serious injury: This refers to loss of sight, 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.

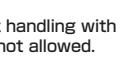
² Minor injury: This refers to injuries, burns (high- and low-temperature), electric shock, etc. that do not require hospital admission for treatment or long-term hospital attendance as an outpatient.

³ Physical damage: This refers to extended damage to buildings, furniture, livestock, or pets.

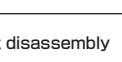
■ Explanation of graphic symbols used in this manual



Indicates an action that is not allowed.
Not liquids

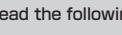


Indicates that handling with wet hands is not allowed.
Do



Indicates that disassembly is not allowed.
Unplug

■ Precautions common to the main unit, built-in battery, charging equipment, au Nano IC Card 04, peripheral devices



DANGER Be sure to read the following hazards before use.

Be sure to use only the specified peripheral devices. Use of other devices might cause overheating, ignition, rupture, fault, or leakage of liquid.

Do not use, store or leave the product in hot places (e.g. by the fire, near a heater, under a kotatsu, in direct sunlight, in a car in the hot sun). Doing so might cause ignition, rupture, fault, fire or injury.

Before entering an area where flammable gas is generated such as a gas station, be sure to turn off this product. Do not charge the battery. Failure to observe these precautions might cause the gas to catch fire. In addition, when using "Osaifu-Keitai" at a gas station, be sure to turn off the power in advance. (If NFC/Osaifu-Keitai" lock has been set, cancel the lock before turning off the power.)

Do not touch the main unit of the product and the specified AC adapter (sold separately) for a long time while power is being supplied from an external source. Doing so might cause low-temperature burns.

Be careful when using this product in a high temperature place for a long time. It might become hot. Use of it with your skin touching the product for a long time might cause low-temperature burns.

Do not use power outlets or wiring apparatus beyond its rating. Also, exceeding rating, for example, by connecting multiple devices to a single power strip might cause overheating and fire.

Do not short-circuit the connection terminal, earphone terminal, etc. Do not allow conductive foreign objects (metal fragments, pencil leads, etc.) to come into contact with or get inside the connection terminal, earphone terminal, etc. Doing so might cause a fire, burns, a fault due to heat generation, etc.

When using metal accessories, etc., make sure not to allow the metal part come in contact with the connection terminals, earphone terminal or power outlet. Doing so might cause electric shock, ignition, injury or a fault.

Do not expose the camera lens to direct sunlight for an extended period. Doing so might cause ignition, rupture or fire by the light-collecting mechanism of the lens.

The customer is not allowed to disassemble, modify or repair the product. Doing so might cause a fault, ignition, electric shock, or injury. The Company is not liable even in the event of any non-conformities arising on the product or peripheral devices as a result of modification, etc. Modification of the product is in violation of the Wireless Telegraphy Act.

WARNING Be sure to read the following warnings before use.

Do not drop or subject to strong impact, such as throwing. Doing so might cause rupture, overheating, ignition, or a fault.

Do not use outside when you can hear thunder. Doing so might risk lightning strikes and electric shock.

Do not let your hands, fingers and other parts of the body touch the connection terminals. Doing so might cause electric shock, injury or a fault.

If the product is damaged because it is dropped or something, and its display is cracked or internal parts are exposed, do not touch the cracked display or exposed parts with your hands. Doing so might cause electric shock or injury from damaged parts. Contact au shop or Keitai Guarantee Service Center.

■ Main unit



DANGER Be sure to read the following hazards before use.

Not liquids

If the wet main unit is charged, electric shock, short circuit, or corrosion may occur and overheating may cause fire or malfunction or burns.

No wet hands

Do not puncture the product with a nail, hit with a hammer or step on the product. Doing so might cause fire or damage.

Don't

Do not splash with water or other liquids. Also, never use in places subject to direct splashing with water or humid areas, or use with wet hands. Doing so might cause electric shock, fault from short-circuiting, or corrosion of electronic circuits. In the event that the product is splashed with liquid, immediately disconnect the AC adapter's power plug. Faults caused by wetting with water humidity are not covered by the warranty and wet hands charges will be incurred for repair.

Not liquids

Do not disassemble, modify or directly solder the product. Doing so might cause spilling of the battery liquid resulting in an accident such as loss of eyesight if it gets into the eyes, or cause overheating, injure, fire or rupture.

Do

Do not bring the product close to magnetized objects such as cash cards, floppy disks, credit cards, and prepaid cards. Doing so might result in loss of recorded information.

Not liquids

When the AC adapter is not to be used for a long time, disconnect the AC adapter's power plug from the power outlet. Doing so might cause fire or a fault.

Unplug

Do not use in places subject to direct splashing with water, pet urine, or other liquids. Doing so might result in faults and injure resulting from overheating, fire, electric shock, or short-circuiting of electronic circuits. In the event that the product is splashed with liquid, immediately disconnect the AC adapter's power plug.

Do not

Do not allow liquids, metal objects, burnable items, and other foreign matter to get inside the microSD memory card slot or earphone terminal. Failure to do so might cause fire, electric shock, injure or a fault.

Not liquids

Do not swing the product around by holding headphones, LG TV antenna cable 01, etc. Doing so might cause an accident or damage.

Do not

Do not use it with microSD memory card slot cover closed. Doing so might result in malfunction due to dust and water getting in.

Do

Do not use in humid places such as bath areas, or connect/disconnect the AC adapter with wet hands. Doing so might cause electric shock, injure or a fault.

Not liquids

Be careful when setting vibrator (vibration) or ringtone if you heart is weak. Doing so might result in bad effect to heart.

Do not

Failure to do so might cause leakage of liquid, overheating, rupture or ignition.

Do not

Do not leave in places within the reach of small children. Small children might swallow small parts, etc. by mistake and choke on them, or might drop them by mistake and cause accidents or injury.

Do not

When using the product near an implanted pacemaker, implanted cardioverter-defibrillator or other electronic medical device, radio waves might affect these units and devices. So, please observe the following.

Do

1. Those with an implanted pacemaker or implanted cardioverter-defibrillator should carry or use the product at least 15 cm away from the pacemaker or cardioverter-defibrillator applied part.

Do not

2. Set the product to airplane mode or turn off the power in advance in places where you cannot move freely or where you cannot secure a distance of more than 15 cm with one another, since there may be people with a implanted cardiac pacemaker or implanted cardioverter-defibrillator nearby.

Do

3. Pay attention to the following points when using the product inside medical institutions.

Do not

4. Do not bring the product into operating theaters, intensive-care units (ICU) and coronary care units (CCU).

Do not

5. Turn the product off in hospital wards.

Do not

6. Even if you are in a lobby, etc. be sure to turn the product off when there are electronic medical devices nearby.

Do not

7. When using the product near an implanted pacemaker or implanted cardioverter-defibrillator outside a medical institution (e.g. home medical treatment), check individually with the manufacturer of the electronic medical device regarding the influence of radio waves.

Do not

8. Do not bring the product into operating theaters, intensive-care units (ICU) and coronary care units (CCU).

Do not

9. Turn the product off in hospital wards.

Do not

10. Do not use the product in a cooking apparatus such as a microwave oven or a pressure vessel. Doing so might cause ignition, rupture, fault, fire or injury.

Do not

11. Do not touch the main unit of the product and the specified AC adapter (sold separately) for a long time while power is being supplied from an external source. Doing so might cause low-temperature burns.

Do not

12. Do not place the product directly on sand at a beach, etc. Sand or other small particles might get inside the earpiece (receiver), microphone (microphone), or speaker, causing the volume to drop. If sand gets inside main unit, it might cause overheating or a fault.

Do not

13. When using the product for calling or data communication, be careful not to keep the product in direct contact with your skin for a prolonged period, or not to cover the product with paper, cloth, bedding, etc. The main unit might get hot, causing fire, injure, burns or a fault.

Do not

14. Charge the battery in a stable place. If placed on an inclined surface or wobbly stand, the product might fall causing injury or damage. Pay careful attention while using the product, be sure to check that there are no foreign objects on the speaker or other parts.

Do

15. 1. Those with an implanted pacemaker or implanted cardioverter-defibrillator should carry or use the product at least 15 cm away from the pacemaker or cardioverter-defibrillator applied part.

Do not

2. Set the product to airplane mode or turn off the power in advance in places where you cannot move freely or where you cannot secure a distance of more than 15 cm with one another, since there may be people with a implanted cardiac pacemaker or implanted cardioverter-defibrillator nearby.

Do

3. Pay attention to the following points when using the product inside medical institutions.

Do not

4. Do not bring the product into operating theaters, intensive-care units (ICU) and coronary care units (CCU).

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6. Do not use the product in a cooking apparatus such as a microwave oven or a pressure vessel. Doing so might cause ignition, rupture, fault, fire or injury.

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7. Do not touch the main unit of the product and the specified AC adapter (sold separately) for a long time while power is being supplied from an external source. Doing so might cause low-temperature burns.

Do not

8. Do not place the product directly on sand at a beach, etc. Sand or other small particles might get inside the earpiece (receiver), microphone (microphone), or speaker, causing the volume to drop. If sand gets inside main unit, it might cause overheating or a fault.

Do not

9. When using the product for calling or data communication

- Do not forcefully press your fingernails, sharp objects, or hard objects against keys or display surface. 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, the touch panel may not work even if you touch it. Note that it may cause malfunction.
 - 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 left or frozen on the surface
 - Operation with wet or sweaty fingers
 - Operation under water
- Never use modified au cell phones. Use of a modified device violates the Radio Law. The product has acquired the certification of conformity with technical regulations for the specified radio station based on the Radio Law, and the "Technical Conformity Mark" is printed on the nameplate of the product as a certificate. Confirm nameplate following the operations below.

Home screen ▶ Touch and hold "System settings" ▶ "General" tab ▶ "About phone" ▶ "Regulatory and Safety"

If the product is modified by turning the screw to the left to disassemble, technical standard compliance becomes invalid. Never use the product without the valid certification. Doing so violates the Radio Law
- To prevent unlawful modification, the product has been designed so that it cannot be easily disassembled. Modifying the product is prohibited by the Radio Law.
- Contents saved in the product, such as contacts, mails and favorites, might be altered or lost in an accident, fault, repair or mishandling. Be sure to keep a copy of important contents. Note that Company assumes no responsibility for any damages or lost profits resulting from altered or lost contents.
- Note that contents (both charged or free content) saved with the product cannot be returned to the customer when it is replaced for repair of a fault, for example.
- The product uses liquid crystal for its display. The display response speed may become slow when the ambient temperature is low, which is due to the property of liquid crystal and not a malfunction. The display response speed will return to normal at room temperature.
- Although the display used on the product is made using high-precision technology, some pixels (dots) might be lit or out at all times. Note that this is not a malfunction.
- Take care not to inconvenience people around you when you use the product in a public place.
- You are recommended to store copies of individual data such as photos you took, videos and music on your PC by sending each file as mail attachment, etc. Note, however, that you may not be able to make copies of any copyrighted data even by the above mentioned means.
- Take care not to place magnetized items such as magnetic cards, speakers and TV sets near the product, as it might cause malfunction.
- Putting a strong magnetism close to the product might cause false operation.
- When you put the product in your pocket or bag, take care so that the display does not come in contact with metal objects or other hard objects. Doing so might cause scratching or damage. Also, be careful not to scratch or damage the display by using a strap whose metal or other hard part comes in contact with the display.
- When suddenly brought into a warm place from a cold place, or when in a humid location, or when used where temperature suddenly changes such as near the air discharge port of an air conditioner, water droplets (i.e., condensation) sometimes form inside the product. Note that when used under conditions such as this, the humidity might cause corrosion or a fault.
- When wiping the display, wipe with a soft, dry cloth. Use of a moistened cloth, glass cleaner or other similar liquid might cause a fault.
- When connecting/disconnecting the external device to/from the connection terminal or the earphone terminal, make sure that the connector of external device is straight with the connection terminal.
- Note that applying unnecessary force with the connection terminal or the earphone terminal connected to the external device might cause damage.
- Do not discard this product together with regular trash. Please cooperate in the collection of the product when it is no longer needed to protect the environment and effectively use resources. Old product are collected at au shops and other places.
- Do not insert a card other than microSD memory card into the microSD memory card slot on this product.
- Do not exert excessive force when attaching/removing a microSD memory card. Doing so might injure your hands or fingers.
- While writing/reading data to/from a microSD memory card, do not subject the product to vibration or impact or turn off the power. Doing so might cause loss of data or a fault.
- When hearing the other party's voice, make sure that the earpiece is placed at the center of your ear. If the earpiece (audio output port) is closed by the ear lobe, it may be hard to hear the voice.
- Even if you cover the microphone to make your voice inaudible to the other party, the other party can hear your voice.
- Sound from speaker may be very loud when you use hands-free calling. Keep it away from your ear when using it.
- Do not peel off the black sheet on the back cover (the back part you can see when removing the back cover). Doing so might make it impossible for NFC/FeliCa data recognition.
- When you put a sticker, etc. on the proximity sensor, the sensor will malfunction and indications on the display will turn off at all times while receiving or making a call. In this case, note that you may not be able to operate the product.

■ Touch Panel

- Use your finger to operate the touch panel. Do not use ballpoint pens, pencils, or other sharp-pointed objects. Using such objects does not only hinder correct operation of the touch panel, but also might cause scratching or damage to the display.
- Do not put stickers or sheets (e.g. commercially available protective films, peep prevention sheets) on the display. Doing so might cause improper reaction of touch panel.
- Do not operate the touch panel with fingernails. Doing so might result in split nails or jammed fingers.
- If the display surface is dirty or wet with sweat or water, it may not function correctly. In such case, wipe the display surface with a dry, soft cloth.
- When carrying the product in your 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.

■ Backup content on the product

- Please back up important content recorded or downloaded for the product to an outside source. Content recorded to memory on the product sometimes disappears or is altered by unexpected factors, such as static electricity or a fault, repair.
- Do not put stickers or sheets (e.g. commercially available protective films, peep prevention sheets) on the display. Doing so might cause improper reaction of touch panel.
- Do not operate the touch panel with fingernails. Doing so might result in split nails or jammed fingers.
- If the display surface is dirty or wet with sweat or water, it may not function correctly. In such case, wipe the display surface with a dry, soft cloth.
- When carrying the product in your 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.

*3 IPX6 equivalent means that the product will securely maintain its function of no grit and dust getting inside the main unit even after it has been placed in an apparatus with grit and dust of diameters of 75 μm or less and shaken for 8 hours.

■ Hold the product firmly and shake it about 20 times in the direction of the arrow shown in the figure until water drops no longer fly off.

When shaking the product, confirm the safety around you and hold it firmly so as not to drop it.

■ Cover the power key and volume key with a towel, cloth, etc. and press each key two to three times.

■ Wipe the moisture coming out from inside with a dry towel, cloth, etc.



- Wireless LAN (Wi-Fi[®]) has the advantage that it can be freely connected anywhere within the radio wave range, as its radio waves for exchanging information with the same time, there is also a risk that a malicious party may obtain unauthorized access or is altered by unexpected factors, such as static electricity or a fault, repair.
- Do not use the product in a bathroom for an extended period of time. The product is not moistureproof.
- Do not immerse the product in hot spring water, soap water, detergent water, or water with bath salts in it. Also, do not use the product underwater. Doing so may cause a room temperature before you bring the product from a cold place into a warm bathroom.
- If condensation occurs inside the display, leave the product at room temperature for a while until the condensation is cleared.
- Extreme changes in temperature cause condensation. Wait until the main unit reaches room temperature before you bring the product from a cold place into a warm bathroom.
- Waterproof/dustproof, close the back cover tightly by pressing the cover along the lines below. And, close au Nano IC Card 04 tray and microSD memory card slot cover tightly too.
- Do not splash the product with hot water. The product is not resistant to hot temperatures.
- Do not bring the Smart phone Cradle (sold separately) into a bathroom.
- Do not bring LG TV antenna cable O1 into a bathroom.

Bluetooth[®] and wireless LAN (Wi-Fi[®]) functions of this product are functional in the 2.4 GHz band.

- Bluetooth[®] function: 2.4 GHz¹ This product uses the 2.4 GHz band. This is used to reduce the interference distance is about 10 m or less.
- Wireless LAN (Wi-Fi[®]) function: 2.4 GHz² This product uses the 2.4 GHz band. DS-SS and OFDM are used as the modulation schemes. The interference distance is about 40 m or less.
- Bandwidth to: Full band This means that full band can be used, and that band of mobile unit identification level can be avoided.
- Available channels differ depending on the country.
- For use in an air plane, check with the airline company in advance.

5GHz Frequency Band Precautions

Wireless LAN (Wi-Fi[®]) function of this product uses the 5 GHz band. Using the 5.2 GHz band and a 5.3 GHz band, the 5 GHz band is prohibited by the Radio Law.

The channels used on the product are as follows.

- HT20** W52 (5.2 GHz band) / 36, 40, 44, 48 ch
W53 (5.3 GHz band) / 52, 56, 60, 64 ch
- HT40** W56 (5.6 GHz band) / 10, 04, 08, 1, 12, 16, 12, 24, 18, 13, 32, 36, 16, 10 ch
- HT80** W52 (5.2 GHz band) / 42 ch
W53 (5.3 GHz band) / 52 ch
W56 (5.6 GHz band) / 10, 11, 18, 12, 24, 14 ch

Notes on Packet Communication Charge

- Since a constant internet connection is possible with this product, packet communication may be performed automatically by the application, resulting in high communication charges. Therefore, subscribe to a packet communication charge service or a flat rate plan is recommended.
- On the product to browse websites, download applications, receive e-mail, and configure various settings, connection to the Internet is required, which packet communication charges apply.
- * Packet communication charges do not apply to wireless LAN (Wi-Fi[®]) connection.

Applications

- Be sure to check the security of the application, then install it at your risk. Some applications might cause virus infection, damage various data, and send your location information, usage history or personal information stored in your cell phone via the Internet.
- The Company assumes no responsibility for any operation problems that might be caused by the application you have installed. In such case, you may be charged a repair fee even during the warranty period.
- The Company assumes no responsibility for any disadvantage brought to your third party by applications you have installed.
- Depending on applications, microSD memory card is required when using the application.
- Some applications prohibit the product from entering sleep mode while they are active, or rapidly drain the battery while running in the background.
- Operational procedures and screen appearance of the applications are controlled by the application developer. The product and those installed by you are subject to change without notice as a result of version upgrade. In addition, operating procedures described in this manual may differ from the actual procedures.

2.4 GHz Frequency Band Precautions

The frequencies used by the Bluetooth[®] and/or wireless LAN (Wi-Fi[®]) function of this product are in the 2.4 GHz band. In this frequency band, other similar wireless stations, in-plant wireless stations for mobile unit identification that require a license to use, such as factory production lines, specific small power wireless stations that do not require licenses, amateur wireless stations (collectively called "other wireless stations" from here on) are operated in addition to home electrical appliances such as microwave ovens, devices for industrial, scientific and medical devices.

- Before using the product, make sure that "other wireless stations" are not in operation nearby.
- In the event that instances of radio wave interference have occurred between this product and "other wireless stations", immediately either relocate this product or stop operation of the device (stop the emission of radio waves).
- If you are unclear on any points or are troubled by anything, contact an au shop or Customer Service Center.

■ Draining water after wetting the product

- As some parts of this product are not watertight, if you use the product after it gets wet, water remaining in those parts might wet your clothes or bag, or the sound might become hard to hear.
- This product 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.

■ Carefully wipe the moisture off the main unit with a dry towel, cloth, etc.

Bluetooth[®] and wireless LAN (Wi-Fi[®]) functions of this product are functional in the 2.4 GHz band.

IEEE802.11b/g/n
IEEE802.11a/n
IEEE802.11b/g/n
IEEE802.11b/g/n
W52 V53 W56

■ Notes on waterproof and dustproof properties

This product has a waterproof property equivalent to IPX5¹ and IPX7², as well as a dustproof property equivalent to IP6X³ on the condition that the back cover, au Nano IC Card 04 tray and microSD memory card slot cover are securely attached (based on in-house testing). Specifically, you can make calls holding the product with wet hands in the rain (less than 20 mm per hour) without an umbrella, as well as use the product in a place with water such as a bathroom or kitchen. Before using the product, thoroughly read "Important items to remember before use and tips for comfortable use" to ensure correct use. Failure to follow the contents described in these sections may cause the intrusion of water, sand or other foreign material, resulting in overheating, fire, electric shock, injury or a fault.

*1 IPX5 equivalent means that the product will maintain its operability as a phone even if it is sprayed with water from a 6.3mm diameter nozzle at a distance of about 3 meters for more than 3 minutes at a rate of about 12.5 liters per minute from any direction.

*2 IPX7 equivalent means that the product will maintain its operability as a phone with no water getting inside the main unit even if it is gently submerged in a tank of still tap water at room temperature to a depth of 1 meter for about 30 minutes.

*3 IPX6 equivalent means that the product will securely maintain its function of no grit and dust getting inside the main unit even after it has been placed in an apparatus with grit and dust of diameters of 75 μm or less and shaken for 8 hours.

In the bath: You can use the product in a bathroom. Although you can make calls with wet hands, do not immerse the product into a bathtub. The product is not resistant to hot temperatures.

■ Hold the product firmly and shake it about 20 times in the direction of the arrow shown in the figure until water drops no longer fly off.

When shaking the product, confirm the safety around you and hold it firmly so as not to drop it.

■ Cover the power key and volume key with a towel, cloth, etc. and press each key two to three times.

■ Wipe the moisture coming out from inside with a dry towel, cloth, etc.

In the kitchen: You can use the product in the kitchen and other places where water is used.

Do not splash the product with water or immerse it in soap water, detergent water, seasonings, juices, etc. other than tap water.

Do not immerse the product in or splash it with boiling water. The product is not resistant to hot temperatures.

Do not place the product where it gets extremely hot or cold such as near a stove or in a refrigerator.

■ Common precautions

Back cover: Make sure that the back cover is securely attached. Just a small particle (a hair, etc.) on the seals can cause water leak.

Do not attach/remove the back cover with gloved hands. Just a small particle (a hair, etc.) on the seals can cause water leaks. Wipe off any minuscule droplets of water or dirt with a clean dry cloth before closing the covers.

If the back cover is deteriorated or damaged, the waterproof/dustproof property becomes ineffective. In such case, contact an au shop near you or Keitai Guarantee Service Center.

Do not touch the specified charging equipment (sold separately) with wet hands. Doing so might cause electric shock.

Do not wrap the cord of the specified charging equipment (sold separately) around the adapter itself. Doing so might cause electric shock, fault, injury, overheating or fire.

Do not forcibly bend the charging equipment's plug or the connection between the connector and power cord. Doing so might cause electric shock, fault, injury, overheating or fire.

■ Lock No. (NFC/Osaifu-Keitai lock)

When not using the specified charging equipment (sold separately), remove the AC adapter's power plug from the power outlet or cigarette lighter socket.

Do not wrap the cord of the specified charging equipment (sold separately) around the adapter itself. Doing so might cause electric shock, fault, injury, overheating or fire.

Lock No. (NFC/Osaifu-Keitai lock)

Lock No. (NFC/Osaifu-Keitai lock)

■ PIN code

To prevent unauthorized use of the au Nano IC Card 04 by third parties

Initial value: 1234

■ Privacy Protected Function

The function shown below is installed in the product to protect the privacy of the saved data.

Function	Description
Screen lock	Set Swipe, Face Unlock, Knock Code, Pattern, PIN, or Password to secure data when turning on the phone or when unlocking the screen.

■ PIN Code

■ PIN code

To prevent unauthorized use of the au Nano IC Card 04 by a third party, you can set the product to require PIN code entry every time the power is turned on. You also need to enter PIN code when setting whether the PIN code entry is required.

Keep the IC (metal) part of your au Nano IC Card 04 clean. Wipe the card with a dry, soft cloth (such as for cleaning eyeglasses) for cleaning.

Do not put stickers, etc. on the au Nano IC Card 04.

■ LG TV antenna cable O1

LG TV antenna cable O1 is not covered by the warranty.

■ Camera

When using the camera, follow common rules of etiquette regarding camera use.

Image data might be altered or lost due to malfunction, repair or mishandling of the product. The Company takes no responsibility for the recovery of altered or lost data, the damages resulting from altered or lost data, and lost profits.

When photographing important occasions (such as a wedding), take a trial shot and check the shot image make sure it is correctly shot.

Do not use the camera for recording commercially available books or information of which photographing is not allowed.

Do not leave the camera lens exposed to direct sunlight. Imaging elements might be discolored or burnt.

■ Music, videos and TV

Do not listen to music or watch videos or TV while driving a car or motorbike, or riding a bicycle. Use of cell phones while driving a car or motorbike is prohibited by law. (Use of cell phones while riding a bicycle may also be punishable by law.) In addition, stay alert to the traffic around you even when walking. Surrounding sounds may not be heard clearly, and gazing at the screen might distract your attention causing a traffic accident. Be especially careful at railroad crossings, on a platform, and at pedestrian crossings.

Take care not to listen at ear-splitting volume for a long time, as it might affect hearing.

Even if you cover the microphone to make your voice inaudible to the other party, the other party can hear your voice.

Sound from speaker may be very loud when you use hands-free calling. Keep it away from your ear when using it.

Do not peel off the black sheet on the back cover (the back part you can see when removing the back cover). Doing so might make it impossible for NFC/FeliCa data recognition.

When you put a sticker, etc. on the proximity sensor, the sensor will malfunction and indications on the display will turn off at all times while receiving or making a call. In this case, note that you may not be able to operate the product.

Be careful about the copyright and portrait right when posting photos you shot, etc. on Internet homepage.

■ Copyrights and rights of portrait

You are not allowed to copy, distribute, publish, modify or edit the data you shot, recorded or downloaded using the product without the consent of the copyright holder, except for personal use, under the copyright law.

* Tips for comfortable use to ensure correct use. Failure to follow the contents described in these sections may cause the intrusion of water, sand or other foreign material, resulting in overheating, fire, electric shock, injury or a fault.

*1 IPX5 equivalent means that the product will maintain its operability as a phone even if it is sprayed with water from a 6.3mm diameter nozzle at a distance of about 3 meters for more than 3 minutes at a rate of about 12.5 liters per minute from any direction.

*2 IPX7 equivalent means that the product will maintain its operability as a phone with no water getting inside the main unit even if it is gently submerged in a tank of still tap water at room temperature to a depth of 1 meter for about 30 minutes.

*3 IPX6 equivalent means that the product will securely maintain its function of no grit and dust getting inside the main unit even after it has been placed in an apparatus with grit and dust of diameters of 75 μm or less and shaken for 8 hours.

In the bath: You can use the product in a bathroom. Although you can make calls with wet hands, do not immerse the product into a bathtub. The product is not resistant to hot temperatures.

■ Hold the product firmly and shake it about 20 times in the direction of the arrow shown in the figure until water drops no longer fly off.

When shaking the product, confirm the safety around you and hold it firmly so as not to drop it.

■ Cover the power key and volume key with a towel, cloth, etc. and press each key two to three times.

■ Wipe the moisture coming out from inside with a dry towel, cloth, etc.

In the kitchen: You can use the product in the kitchen and other places where water is used.

Do not splash the product with water or immerse it in soap water, detergent water, seasonings, juices, etc. other than tap water.

Do not immerse the product in or splash it with boiling water. The product is not resistant to hot temperatures.

Do not place the product where it gets extremely hot or cold such as near a stove or in a refrigerator.

■ Common precautions

Back cover: Make sure that the back cover is securely attached. Just a small particle (a hair, etc.) on the seals can cause water leak.

Do not attach/remove the back cover with gloved hands. Just a small particle (a hair, etc.) on the seals can cause water leaks. Wipe off any minuscule droplets of water or dirt with a clean dry cloth before closing the covers.

If the back cover is deteriorated or damaged, the waterproof/dustproof property becomes ineffective. In such case, contact an au shop near you or Keitai Guarantee Service Center.

Do not touch the specified charging equipment (sold separately) with wet hands. Doing so might cause electric shock.

Do not wrap the cord of the specified charging equipment (sold separately) around the adapter itself. Doing so might cause electric shock, fault, injury, overheating or fire.

Do not forcibly bend the charging equipment's plug or the connection between the connector and power cord. Doing so might cause electric shock, fault, injury, overheating or fire.

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■ LG TV antenna cable O1

LG TV antenna cable O

Specific Absorption Rate (SAR) of Cell Phones

This model LGV31 mobile phone complies with Japanese technical regulations and international guidelines regarding exposure to radio waves.

This mobile phone was designed in observance of Japanese technical regulations regarding exposure to radio waves' and limits to exposure to radio waves recommended by a set of equivalent international guidelines. These international guidelines were set out by the International Commission on Non-Ionizing Radiation Protection (ICNIRP), which is in collaboration with the World Health Organization (WHO), and the permissible limits include a substantial safety margin designed to assure the safety of all persons, regardless of age and health condition.

The Japanese technical regulations and international guidelines define the limits using a unit of measurement known as the Specific Absorption Rate (SAR), which represents the average amount of radio frequency energy absorbed by the human. The SAR limit for mobile phones is 2.0 W/kg. The highest SAR value for this mobile phone when tested for use at the ear is 0.214W/kg. The highest SAR value for this mobile phone when tested for use on the body is 0.321W/kg. There may be slight differences in SAR levels among individual products, but they all satisfy the limit.

The actual SAR of this mobile phone while talking on the phone can be well below that indicated above. This is due to automatic changes in the power level of the mobile phone to ensure it only outputs the minimum power required to communicate with a base station. Therefore the closer you are to a base station, the lower the power output of the mobile phone.

This mobile phone can be used in positions other than against your ear. Use an accessory such as a carrying case, etc. so that you can hold the product at least 1.5 cm away from your body and also do not contain metal parts between the product and your body. By doing this, this mobile phone complies with Japanese technical regulations and international guidelines regarding exposure to radio waves.

The World Health Organization has stated that present scientific information does not indicate that use of mobile devices has any harmful effects on the human body. They recommend that if you are still worried about your exposure then you can limit your talk time or use a handsfree kit to keep the mobile phone away from your head and body. If you would like to know more detailed information, please refer to the WHO website. http://www.who.int/docstore/peh-emf/publications/facts_press/fact_english.htm

Please refer to the websites listed below if you would like to know more detailed information regarding SAR.

○ Ministry of Internal Affairs and Communications Website: <http://www.tele.soumu.go.jp/j/ele/index.htm>

○ Association of Radio Industries and Businesses Website: <http://www.arib-emf.org/index02.html> (in Japanese only)

○ au Website: <http://www.au.kddi.com/>

○ LG Electronics Inc. Website: [Refer to "Specifications" page of this product. http://www.lg.com/jp/mobile-phone \(in Japanese only\)](http://www.lg.com/jp/mobile-phone)

(URL are subject to change without notice.)

* Technical regulations are defined by the Ministerial Ordinance Related to Radio Law (Article 14-2 of Radio Equipment Regulations).

Declaration of Conformity

The product "LGV31" is declared to conform with the essential requirements of European Union Directive 1999/5/EC Radio and Telecommunications Terminal Equipment Directive 3.1(a), 3.1(b) and 3.2.

This mobile phone complies with the EU requirements for exposure to radio waves. Your mobile phone is a radio transceiver, designed and manufactured not to exceed the SAR* limits** for exposure to radio-frequency (RF) energy, which SAR* value, when tested for compliance against the standard was 0.320 W/kg at the ear, and 0.433 W/kg when worn on the body. To comply with the RF Exposure limits a distance of greater than 1.5 cm must be maintained from the user's body.

While there may be differences between the SAR* levels of various phones and at various positions, they all meet*** the EU requirements for RF exposure.

*The exposure standard for mobile phones employs a unit of measurement known as the Specific Absorption Rate, or SAR.

**The SAR limit for mobile phones used by the public is 2.0 watts/kilogram (W/kg) averaged over ten grams of tissue, recommended by The Council of the European Union. The limit incorporates a substantial margin of safety to give additional protection for the public and to account for any variations in measurements.

***Tests for SAR have been conducted using standard operating positions with the phone transmitting at its highest certified power level in all tested frequency bands. Although the SAR is determined at the highest certified power level, the actual SAR level of the phone while operating can be well below the maximum value. This is because the phone is designed to operate at multiple power levels so as to use only the power required to reach the network. In general, the closer you are to a base station antenna, the lower the power output.

European Union Directives Conformance Statement

CE 0168!

Hereby, LG Electronics Inc. declares that this product is in compliance with:

- The essential requirements and other relevant provisions of Directive 1999/5/EC
- All other relevant EU Directives

The above gives an example of a typical Product Approval Number.

Wi-Fi(WLAN) This device is intended for sale in Japan only.

This equipment may be operated in all European countries.

The 5150 - 5350 MHz band is restricted to indoor use only.

Important Safety Information

AIRCRAFT

Switch off your wireless device when boarding an aircraft or whenever you are instructed to do so by airline staff. If your device offers a 'flight mode' or similar feature consult airline staff as to whether it can be used on board.

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 stand. Therefore the closer you are to a base station, the lower the power output of the mobile phone.

This mobile phone can be used in positions other than against your ear. Use an accessory such as a carrying case, etc. so that you can hold the product at least 1.5 cm away from your body and also do not contain metal parts between the product and your body. By doing this, this mobile phone complies with Japanese technical regulations and international guidelines regarding exposure to radio waves.

The World Health Organization has stated that present scientific information does not indicate that use of mobile devices has any harmful effects on the human body. They recommend that if you are still worried about your exposure then you can limit your talk time or use a handsfree kit to keep the mobile phone away from your head and body.

If you would like to know more detailed information, please refer to the WHO website.

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(in Japanese only)

○ au Website:

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○ LG Electronics Inc. Website:

[Refer to "Specifications" page of this product. http://www.lg.com/jp/mobile-phone \(in Japanese only\)](http://www.lg.com/jp/mobile-phone)

(URL are subject to change without notice.)

* Technical regulations are defined by the Ministerial Ordinance Related to Radio Law (Article 14-2 of Radio Equipment Regulations).

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.

Note:

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 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:

- Reorient or relocate the receiving antenna.

- Increase the separation between the equipment and receiver.

- Connect the equipment into an outlet on circuit different from that to which the receiver is connected.

- Consult the dealer or an experienced radio/TV technician for help and for additional suggestions.

Warning

The user is cautioned that changes or modifications not expressly approved by the manufacturer could void the user's authority to operate the equipment.

FCC RF Exposure Information

This model phone 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 SAR value for this model handset when tested for use at the ear is 0.29 W/kg and when worn on the body, as described in this user guide, is 0.52 W/kg.

Body-worn Operation

This phone was tested for typical body-worn operations with the back of the phone kept at a distance of 1.5 cm from the body. To maintain compliance with FCC RF exposure requirements, use accessories that maintain a 1.5 cm separation distance between your body and the back of the phone. The use of belt clips, holsters and similar accessories should not contain metallic components.

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/fccid/> after searching on FCC ID ZNFLGL24.

Important Safety Information

AIRCRAFT

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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.

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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.

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