# isai vivid LGV32

# Notes on Usage

- "Setting Guide", "Basic Manual", "Notes on Usage", etc. are collectively referred to as "Instruction Manual". In this manual, isai vivid (LGV32) is usually referred to as the "product".
- In this manual "microSD™ memory card" "microSDHC™ memory memory card" or "microSD"



September 2015, 2nd Edition

Indicates that use in a

get wet is not allowed.

place where the production is likely to get wet or place where the produc

ot liquids allowing the product to

Indicates an action that

ndicates that the

power plug must be

disconnected from the

must be done.

#### ■ Explanation of graphic symbols used in this manual

Indicates an action that is not allowed.

Indicates that handling with w handling with wet

hands is not allowed. Indicates that disassembly is

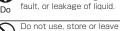
Unplug power outlet.

Do

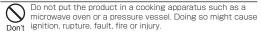
disassembly is not Not allowed. Precautions common to the main unit, battery pack,

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



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.



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#### ■ The materials of parts used on the product are as follows:

I he materials of parts used on the product are as follows.				
	Part	Material	Surface treatment	
Outer case (sides)		PC resin	NCVM, UV coating	
Outer case	(battery)	PC resin	NCVM, UV coating	
Outer case (rear)		PC resin	CU/Ni plating	
Back cover	White, Champagne	PC resin	UV coating	
	Black		SF coating	
	Leather black, Leather brown	Front: Cow leather/ string (stitch) Back: PC resin	Front: Urethane thin-film coating/ transparent coating (border) Back : -	
Power key, Volume key	White, Champagne, Leather brown	PC resin	UV coating	
	Black, Leather black		SF coating	
Display		Hardened glass	-	
Earpiece		PET sheet	Perforated NC machining/black baked coating	
Camera lens		Glass	Hardened glass (soda-lime glass)	
Camera lens decoration		AL	-	
Flash		Transparent PC resin	-	
Laser autofocus sensor		Transparent purple PC resin	UV coating	
Speaker grill		3D mesh	-	

### When Using the Product

Before using the product, be sure to read the "Notes on Usage" (this manual) available on the au homenage to ensure correct use Before you assume that the product is malfunctioning, check for possible remedies in the following au Customer Support site of au homepage:

http://www.au.kddi.com/support/mobile/trouble/repair

- · Communication is not possible even inside the service area in places where the signal does not reach (e.g. tunnels and basements). Also, communication is sometimes not possible in poor reception areas. Communication is sometimes interrupted if you move into a poor reception areas during communications.
- Since this product uses radio waves, the possibility of communication intercepts by third parties cannot be eliminated. (Though LTE/WiMAX 2+/GSM/UMTS system has highly secure confidential communication features.)
- When connecting to emergency services in Japan, use au VoLTE (LTE network). You cannot connect through 3G (circuit switching network) · This product is compatible with the international roaming service.
- Each network service described in this manual varies depending on the area and service content Since this product is a radio station under the Badio Law you.
- may be asked to temporarily submit the product for inspection in accordance with the Radio Law.
- IMEI information of your cell phone is automatically sent to KDDI CORPORATION for maintenance and monitoring operational status of your cell phone.
- Before you start using the product overseas, check the relevant laws and regulations of the country/region you visit.

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Do not throw the product into a fire or heat it. Doing so might cause fire, rupture or fire.



The customer is not allowed to disassemble, modify or repair the product. Doing so might cause a fault, ignition, electric shock,

bly 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.

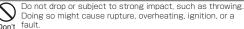


# MARNING Be sure to read the following warnings before use.

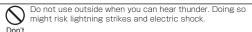
Before entering an area where flammable gas is generated such as a gas station, be sure to turn off this product. Do not charge the battery. Failure to observe these precautions might cause the gas to catch fire. In addition, when using Osaifu-Keitai® at a gas station, be sure to turn off the power in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



When using metal accessories, etc., make sure not to 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 drop or subject to strong impact, such as throwing Doing so might cause rupture, overheating, ignition, or a



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



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



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



heart is weak. Doing so might result in bad effect to heart Pay attention to items stuck to the main unit. The speaker



uses magnets, and so thumbtacks and pins, craft knife become stuck to the main unit, and cause unexpected injury. Before using the product, be sure to check that there are no foreign objects on the speaker or other parts.



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

- · 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, ntentional 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
- The Company is not liable for any damages arising from failure to observe the described content of the "Basic Manual" or "Notes on Usage" (this 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.
- 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 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.

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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. "The Company" as appears in this manual refers to the following Sold by : KDDI CORPORATION OKINAWA CELLULAR TELEPHONE COMPANY · It is recommended you keep a copy of important data on 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 product uses liquid crystal for its display. The display

normal at room temperature.

times. Note that this is not a malfunction.

and not a malfunction. The display response speed will return to

precision technology, some pixels (dots) might be lit or out at all

Although the display used on the product is made using high-

· 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

Do not discard this product together with regular trash. Please

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

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Do not use the product while driving a car or motorbike, riding a

fall. The use of a mobile phone while driving a car or motorbike

is prohibited by law. The use of a mobile phone while riding a

Do not leave in places within the reach of small children.

Don't and choke on them, or might drop them by mistake and

Do Unless it's correct, it may cause overheating, ignition,

CAUTION Be sure to read the following cautions before use.

When removing the back cover, do not exert more than

necessary force. Doing so might cause injury or a fault.

Do not expose the camera lens to direct sunlight for an extended period. Doing so might cause ignition, rupture, fire

Don't or a fault by the light-collecting mechanism of the lens.

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on, damaged, or leaks liquid. Doing so might cause

Do not use a battery pack that has been dropped, stepped

verheating, a fire, liquid leaks, a fault, or injury, If it leaks

liquid or makes an abnormal smell, keep it away from open

flames. Leaked liquid may catch fire causing an explosion.

the power, remove the battery pack, and contact an au shop

If the leaked liquid gets on your skin or clothes, immediately

immediately consult a doctor to avoid the risk of losing your

extremely short or the product does not function even after

rinse it off with water to avoid injury. If the liquid gets into your eyes, do not rub them, wash them with water, and

eyesight. If the liquid gets on a device, wipe it off without

The battery pack is a consumable part. If usage time is

the battery has been charged, the battery has reached

the end of its service life, so stop using it and purchase

a specified, new battery pack, Continual use may cause

overheating, fire, an explosion, or leakage of liquid. The

Make sure that any pets you may have do not bite the

Make sure that any pets you may have do not bite the battery pack. Doing so might cause the battery pack to

leak, overheat, explode, ignite, catch fire or a fault.

battery lifespan varies depending on how the product is

or Keitai Guarantee Service Center. Do not charge a wet

Do not get the battery pack wet. Doing so may cause

overheating, an explosion, fire, fault, or injury. If you

Not liquids accidentally drop the product in water, immediately turn off

Small children might swallow small parts, etc. by mistake

Do not cover or wrap this product with bedding, etc. while

sing or charging the product. Doing so might cause fire

When using an charging equipment or external device, insert/remove the connector straight to/from the terminal.

ime, stop charging. Failure to do so might cause leakage of

bicycle may also be punishable under law.

Don't liquid, overheating, rupture or ignition.

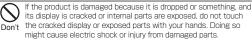
cause accidents or injury.

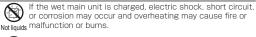
fault or injury.

damage or a fault.

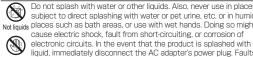
battery pack.

To prevent short-circuiting the external connection terminal Do not use the product while driving a car or motorbike, riding a bicycle, or walking. Doing so may cause a traffic accident or a earphone terminal, etc., do not allow body parts or conductive foreign objects (metal fragments, pencil leads, etc.) to come into contact with or get inside them. Doing so might cause overheating, fire, a fault, electric shock, or burns. If charging is not completed after the specified charging time, stop charging. Failure to do on minds









subject to direct splashing with water or pet urine, etc. or in humid Not liquids places such as bath 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 No wet hands caused by wetting with water or humidity are not covered by the warranty and charges will be incurred for repair.



Although this product model has waterproof property, stop using it if liquid such as water gets inside the main unit Not liquids from the back cover. Continued use of the product in this state might cause overheating, fire, or a fault,



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### ■ Battery pack



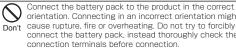
(The battery pack of the product is lithium-ion battery.) Li-ion00 It is not fully charged at the time of purchase.

Charge the battery before using the product. Also charge the battery before using the product if you have not used the product for a long time.

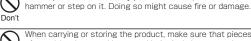
ANGER Be sure to read the following hazards before use.



Do not short-circuit the positive (+) and negative (-) terminals of the battery pack.



orientation. Connecting in an incorrect orientation might cause rupture, fire or overheating. Do not try to forcibly connect the battery pack, instead thoroughly check the connection terminals before connection. Do not puncture the battery pack with a nail, hit it with a



When carrying or storing the product, make sure that pieces of metal (such as necklaces and hair pins) do not touch the external connection terminal. Doing so might cause overheating, a fire, liquid leaks, or a fault from a short-circuit.

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 disassembly eyes, or cause overheating, fire, explosion, or injury.

#### Cell Phone Etiquette response speed may become slow when the ambient temperature is low, which is due to the property of liquid crystal

#### Use of the product is not allowed in the following places!

- · Do not use a cell phone while driving a car or riding a motorbike or bicycle. It might cause a traffic accident. Use of a cell phone while driving a car or motorbike is prohibited by law. Use of a cell phone while riding a bicycle may be punishable by some regulations.
- Use of cell phones on board is restricted. Follow the instructions of each airline.

## Consider people around you!

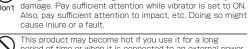
- · To prevent ringtone from bothering other people, not only refrain from making a call but also power off or use Silent mode at a movie theater, theater, museum, library, etc.
- In a city area, use in a place where you do not bother people
- · It is extremely dangerous to walk while looking at the screen of the cell phone. Do not make calls or operate a cell phone while walking or by stopping suddenly.
- Move to a place where you do not disturb others while you are in shinkansen, a hotel lobby, etc. Be careful not to be loud while talking.
- Be careful of sound leakage from earphones in trains or other
- places with many people around you. · Ask permission if you take photos with your cell phone camera.
- There may be a person with a cardiac pacemaker nearby at a
- place filled with people such as in a crowded train. Set "Airplane mode" or turn off beforehand.

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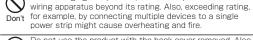
Do not store the product in places subject to direct sunlight (e.g. in cars), places that get hot, places that get extremely Don't cold, and in humid or dusty places. Doing so might cause overheating, deformation or a fault.

Do not leave on unstable places such as rocky stands or

tilting surfaces. Dropping the product may cause injury or

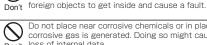


This product may become hot if you use it for a long This product may become hot if you use it for a long period of time or when it is connected to an external power source. Do not touch this product or the specified charging equipment (sold separately) for a long period of time. Doing so may result in a low temperature burn. Also do not cover this device with paper, clothes or blankets. Doing so might cause a fire, injury or a fault.



for example, by connecting multiple devices to a single power strip might cause overheating and fire. Do not use the product with the back cover removed. Also, do not leave or store. Doing so might allow dust or other

When charging this product, do not use power outlets or



Do not place near corrosive chemicals or in places where orrosive gas is generated. Doing so might cause a fault or Don't loss of internal data.

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### ■ Charging equipment

WARNING Be sure to read the following warnings before use.



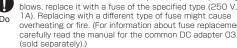
Do not use at other voltages than the specified power supply voltage. Doing so might cause ignition, fire, Don't overheating, injure or electric shock.

 AC adapter (sold separately): 100 VAC to 240 VAC Common DC adapter 03 (sold separately): 12/24 VDC (for negative grounded vehicles only)

rmly insert the plug of the specified charging equipment



(sold separately) into the power outlet or cigarette lighter socket down to the base of its pins. Incomplete insertion of the power plug might result in electric shock, overheating, ignition, injure and fire. Do not use the damaged specified charger, power outlet or cigarette lighter socket with loose insertion connector. If the fuse in the common DC adapter O3 (sold separately)



1A). Replacing with a different type of fuse might cause. overheating or fire. (For information about fuse replacement carefully read the manual for the common DC adapter 03 (sold separately).) Do not damage, modify, twist, pull, or place a heavy object



n the power cord of the specified charging equipment (sold separately). Do not use a damaged cord. Doing so might cause an electric shock, injure, short circuit or fire. If you hear thunder, do not touch the specified charging equipment (sold separately). Doing so might cause an

Don't electric shock as a result of a lightning strike.

# surrounding people or other things may be damaged. Safety Precautions (Observe Strictly)

When a medical institution has laid down designated areas

brought in, follow the instructions of that medical institution.

The product is equipped with the functions used by shaking the

product. Shake at right and left twice for use. Do not get your

hands off of this product and do not shake beyond necessity

beyond necessity, the terminal may be broken down. And the

where the use of the product is prohibited or is not allowed to be

when shaking. If this product is gotten your hands off in shaking

- 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.
- When the product is used by a child, parents or guardians should thoroughly read "Notes on Usage" (this manual) and teach the child how to use it. • These instructions are divided into the following categories.

- 5 -

Do not use the product if there is smoke, abnormal odo

Do an abnormality occurs, disconnect the specified charging

an au shon or Keitai Guarantee Service Center

or nedestrian crossing

or noise, excessive overheating, or other abnormalities. If

equipment (sold separately) from the power outlet, make

sure that the product is not overheating before turning

the power off, and contact an au shop or Keitai Guarantee

Service Center. Also, if you have dropped or damaged the

When inserting an earphone, etc. into the product, slowly

adjust the volume to the proper level. Setting the volume

the earphone continuously for a long period of time might

might prevent you from hearing sounds around you, which

Sound from speaker may be very loud when you use hands

free calling. Keep it away from your ear when using it.

MARNING Be sure to read the following warnings before use.

Turn off the product or put it in Airplane mode before boarding an airplane. Use of cell phones on board is

an airplane may be punished by law.

cause a fire, burns, or electric shock.

Unplug outlet. Doing so might cause fire or a fault.

AC adapter's power plug.

overheating, fire, a fault or injury.

estricted. Follow the instructions of each airline.

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Before cleaning the specified charging equipment (sold

Unplug cigarette lighter socket. If the plug remains plugged in when

When the AC adapter is not to be used for a long time, disconnect the AC adapter's power nlug from the nower

Do not use in places subject to direct splashing with wat pet urine, or other liquids. Doing so might result in faults Do not use in places subject to direct splashing with water

When not using the specified charging equipment (sold separately), remove the name of the first separately.

Don't or cigarette lighter socket. Also, do not wrap the power

Do not forcibly bend the charging equipment's plug or the connection between the connector and an

connection between the connector and power cord. Doing so might cause electric shock, fault, injure, overheating or

Not liquids 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

separately), remove the power plug from the power outlet

cord of the specified charging equipment (sold separately)

around the adapter. Doing so might cause electric shock,

separately), unplugits power plug from the power outlet or

you clean the equipment, it might cause an electric shock

Wipe off the dust on the power plug. Failure to do so might

disconnect the AC adapter's power plug from the power

Failure to do so may adversely affect on-board electronic

equipment. Prohibited acts related to cell phone usage on

adversely affect your ears. Also, raising the volume too high

night in turn lead to a traffic accident at a railroad crossing

loud from the start of use, setting it too loud, or using

product, do not continue to use it in that state, and contact

■ These instructions are divided into the following categories.

This symbol indicates the potential and DANGER imminent danger of death or serious in to a person if the product is handled nminent danger of death or serious injury\*

his symbol indicates the possibility of death or serious injury\*1 to a person if the product is handled incorrectly. This symbol indicates the possibility of ninor injury\*2 to a person or physical CAUTION minor injury\* to a person or physica damage\*3 if the product is handled

\*1 Serious injury: This refers to loss of sight, injury, burns (highand 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.

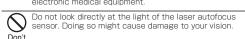
incorrectly.

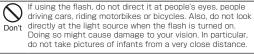
- Minor injury: This refers to injuries, burns (high- and low temperature), electric shock, etc. that do not require hospital admission for treatment or long-term hospital attendance as an outpatient.
- \*3 Physical damage: This refers to extended damage to buildings, furniture, livestock, or pets.

electronic medical equipment.

Follow the instructions of each medical facility for the use of cell phones on their premises. Power off the product in a place where the use is prohibited. Failure to do so may affect electronic equipment and

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Sometimes, very rarely some people demonstrate Sometimes, very rarely some people demonstrate symptoms such as temporary muscle spasms, loss of consciousness, etc. by watching repeatedly flickering screens. Those with a past history of this should consult with a physician beforehand.

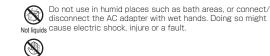
AUTION Be sure to read the following cautions before use.

Use of the main unit in an automobile sometimes affects on-vehicle electronic devices, though this rarely happens. If Don't this happens, stop use since this may impair safe travel.

If you feel any abnormality with your skin, infiniteuratery con a dermatologist. Itching, rashes, ezzema, etc. sometimes If you feel any abnormality with your skin, immediately consult occurs depending on your physical constitution and condition.

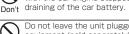
- 13 -

CAUTION Be sure to read the following cautions before use.



No wet hands

When unplugging the plug of the specified charging equipment (sold separately) from the power outlet or Do cigarette lighter socket, hold and pull the power plug. Pulling on the cable might damage it. Do not use the common DC adapter O3 (sold separately) with the car engine stopped. Doing so might result in



o not leave the unit plugged into the specified charging Do not leave the unit plugged into the specified charging equipment (sold separately) with the battery pack removed. Doing so might cause a fire, electric shock, or injury.

■ au Nano IC Card 04

CAUTION Be sure to read the following cautions before use.



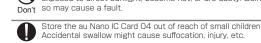
04. Doing so might injure your hands or fingers.

- 20 -

- 17 -- 18 -- 19 -- 16 -

Do not do anything that may damage the au Nano IC Card 04 (such as using it in a hot place, throwing it into a fire, ouching the metallic areas with foreign objects, bumping it, bending it, placing heavy objects on it, or getting it wet). Doing so might cause a fault or loss of data.

Do not store the au Nano IC Card 04 in places that are exposed to direct sunlight become but exposed to direct sunlight, become hot, or are dusty. Doing



■ LG TV antenna cable 01

MARNING Be sure to read the following warnings before use.

I G TV antenna cable O1 is not waterproof. Do not splash vith water or other liquids. Also, never use in places subject o direct splashing with water or pet urine, etc. or in humid places such as bath areas, or use with wet hands. Doing o might cause electric shock, fault from overheating, fire, lectric shock or corrosion of electronic circuits.

CAUTION Be sure to read the following cautions before use.

Do not make the connecting plug of LG TV antenna cable ) 1 dirty. Doing so may cause a fault.

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- When connecting/disconnecting the external device to/from
- Note that applying unnecessary force with the external
- Do not exert excessive force when attaching/removing a microSD memory card. Doing so might injure your hands or
- power. Doing so might cause loss of data or a fault.
- may not be able to operate the product

- does not only hinder correct operation of the touch panel, but also might cause scratching or damage to the display.
- Do not operate the touch panel with fingernails. Doing so might result in split nails or jammed fingers.

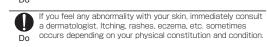
- 28 -

- any direction.
- operability as a phone with no water getting inside the main
- 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  $\mu$ m or less and shaken for 8 hours.

When using the back cover (Leather black, Leather brown), match and confirm usage with "Back cover (Leather black, Leather brown)."

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Insert or remove the connecting plug of LG TV a cable 01 into/from the earphone jack straightly. nsert or remove the connecting plug of LG TV antenna



■ The materials of parts used on the LG TV antenna cable O1 are as follows.

Part	Material	Surface treatmer
Earphone jack (body)	TPE resin	-
Cable	TPE resin	-
Connecting plug (body)	TPE resin	-
Connecting plug (metal parts)	Brass	Gold plating

■ Use of this product near medical equipment and inside a

WARNING Be sure to read the following warnings before use.

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

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 cardioverterdefibrillator applied part.

- 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 3. When a medical institution has laid down designated
- areas where use of the product is prohibited or is not allowed to be brought in, abide by the instructions of that medical institution. 4. When using electronic medical devices other than
- an implanted pacemaker and 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

■ Laser Safety Statement

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

LASER PRODUCT LASER PRODUKT LUOKAN 1 LASER LAITE CLASSE 1 PRODUIT LASER

# Handling Precautions

These precautions are provided to prevent damage to the product and ensure that performance can be fully demonstrated Thoroughly read these precautions to ensure correct use.

■ Precautions common to the main unit, battery pack. charging equipment, au Nano IC Card 04, peripheral devices

result in a poor connection. Also do not forcefully clean the terminals as this may deform them.

Product unit

resulting in a malfunction.

 Do not apply excessive force to the product during use. Be Clean the product with a soft dry cloth (such as the type used sure not to put the product into a tightly packed bag or place a heavy object on the product in a bag. Sitting on the product in for eyeglasses). Forceful rubbing with a dry cloth may scratch the display. The display may be stained if splash or smear is left your pocket might damage the display or internal circuit board attached to the surface. Wiping the product using alcohol, thinner benzene, detergent, etc. might erase the printing on the outer Keeping an external device connected to the external connector casing or cause discoloration.

> Use as far away as possible from land-line phones, TVs, and radios. Use nearby might affect them.

 The product may become warm while charging etc., depending on the situations, but this is not abnormal

 Turn the power off before removing the battery pack. Removing the battery pack before turning off the power may result in corruption or loss of saved data.

# ■ Main unit

 Do not forcefully press, tap, or intentionally subject the display to strong impact. Doing so might cause scratching or damage Do not forcefully press your fingernails, sharp objects, or hard

objects against keys or display surface. Doing so might cause 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 pane

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
- Operation with water drops left or frozen on the surface Operation with wet or sweaty fingers
- · Operation under water

the external connection terminal or the earphone terminal, make sure that the external connector of external device is straight

- connection terminal or the earphone terminal connected to the
- While writing/reading data to/from a microSD memory card, do not subject the product to vibration or impact or turn off the
- Do not remove the black sheet on the inside of the back cover. If you remove the sheet, NFC/FeliCa may not be recognized.
- 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

#### ■ Touch Panel

- Use your finger to operate the touch panel. Do not use ballpoint ens, pencils, or other sharp-pointed objects. Using such objects
- 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.

- \*1 IPX5 equivalent means that the product will maintain its operability as a phone even if it is sprayed with water from a 6.3 mm 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 \*2 IPX7 equivalent means that the product will maintain its
- 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 IP6X equivalent means that the product will securely maintain
- Since operation of the product on each usage scene was confirmed based on the above assumption, proper operation of the product in every possible condition during actual use is not guaranteed. Malfunctions determined to be caused by mishandling by the customer are not covered by the warranty.

 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.

### ■ Battery pack

- Use in very hot or cold environments, for example, when left in a car with the windows closed in summer, will cause the battery pack capacity to drop and shorten the available battery us time. This will also shorten the hattery pack service life. Try to use the battery pack as far as possible at room temperature.
- If the product is not to be used for a long time, take off the back cover and remove the battery pack, and store in a place that is
- Battery packs sometimes swell up as they approach the end of their service life. This is due to the properties of lithium-ion batteries, and is not a problem in terms of safety.

#### ■ au Nano IC Card 04

- Do not forcibly remove or insert the au Nano IC Card 04. Be careful not to exert excessive force when inserting the card into your au cell phone.
- You are responsible for any damage caused by inserting your au Nano IC Card 04 into some other IC card reader/writer, etc.
- 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.

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■ Important items to remember before use For waterproof/dustproof, close the back cover tightly by

pressing the cover along the lines below. Press on the "O"/"\alpha". and check that the back cover tab is firmly closed.



- Waterproofness/dustproofness is only effective when the covers are securely closed. · Just a small particle (a hair, etc.) on the seals can cause water leak.
- · Do not open/close the back cover if the main unit or your hands are
- Do not immerse the product in water with soap, detergent or bath salts in it



■ Back cover (Leather black, Leather brown)

 When the back cover (Leather black, Leather brown) is mounted on the product, the main unit's waterproof function is enabled, but if the leather itself gets wet, this may cause color-dulling, discoloration, or deformation.

 You can hold the product with wet hands and make calls, but this may cause color-dulling, discoloration, or deformation.

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 Cowhide is used for the back cover (Leather black, Leather brown). Since natural leather is used, the creases and patterns may vary with each product. If the back cover (Leather black, Leather brown) gets wet with liquids (water, carbonated water, seawater, rainwater,

may cause color-dulling, discoloration, or deformation. When the back cover (Leather black, Leather brown) gets wet or soiled, gently press on the moisture with a dry towel, wipe away grime with a specialized leather product cream, and dry it in the shade.

perspiration, sunscreen, cosmetics, or steam, etc.), this

If the back cover (Leather black, Leather brown) is exposed to humid environments for prolonged periods of time, this may cause deformation or mold to grow. If the properties of the leather are deformed one time, they may not return to their original state. In addition, the grime and distortion may be worsened by the usage of ordinary detergents or organic solvents.

When the leather gets wet from rainwater or perspiration. etc., be careful in using the product, and do not allow it to touch clothing.

This may cause color bleeding or staining. - 30 -

Do not immerse the product in seawater, a swimming pool or hot



• Do not immerse the product in any liquid (alcohol, etc.) other

than water. • Do not place the product directly on the sand at a beach, etc. Sand

or other small particles might get inside the earpiece, microphone or speaker, causing the volume to drop. If sand gets inside the product's main unit, it might cause overheating or a fault.



- Do not use the product underwater.
- Do not leave the product in a humid place such as a bathroom or kitchen for an extended period of time.
- Tips for comfortable use
- · Once the product gets wet, water may remain in gaps of the main unit. Shake the product well to drain water. Especially make sure to drain water remaining in the back cover and key parts. Even after water is drained, the inner parts might be still wet.
- Although you can use the product, do not place it near things that must not get wet. Take care not to wet your clothes, bag or contents of the bag.
- Drain water if it becomes temporarily hard to hear the sound due to water remaining in the microphone or earpiece. - 37 -

 Because of the leather's properties, the surface may become marred due to it be subjected to prolonged friction or strong forces.

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 When attaching/removing the back cover (Leather black, Leather brown), do not forcefully bend it. This may cause the leather to get creased

■ LG TV antenna cable 01 LG TV antenna cable 01 is not covered by the warranty.

• When using the camera, follow common rules of etiquette

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

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

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. In addition, do not use or modify portraits or names of other

individuals without their consent, as it might infringe on rights of Note that shooting and recording may be restricted at some live performances, shows and exhibitions even for personal use.

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

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■ Notes on various usage scenes

In the rain: You can make calls holding the product with wet hands in the rain without an umbrella. The rain in this case means a moderately-heavy rain (less than 20)

mm per hour). Water drops on the display might cause errors in the touch panel operation.

 Never open/close the back cover if the product is exposed to rain. or your hands are wet.

In the shower: You can make calls holding the product with wet hands while taking a shower. Avoid spraying the product with high-pressure water, as the product

is not designed to withstand high water pressure. Washing: You can wash the product under a mild flow (up to 6 liters per minute) of tap water at room temperature (5°C to 35°C) at a

distance of about 10 cm from the faucet or showerhead.

- Do not spray the product with high-pressure water or submerge it in water for extended periods of time, as the product is not designed to withstand high water pressure. · Make sure that the back cover is tightly closed so that it does not
- open, wash the product with your hands. Do not use a brush or • Do not wash the product in a washing machine or ultrasound bath.

· Do not splash the product with or immerse it in soap water,

detergent water, etc. other than tap water.

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.

· Do not use the product in a bathroom for an extended period of time. The product is not moistureproof. Do not immerse the product - 38 -

■ 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 mishandling, etc.

or earphone jack might damage the connector resulting in a malfunction. Such damage and malfunction are not covered by

To ensure waterproof property (equivalent to IPX5 and IPX7) of

Note that the waterproof property is not guaranteed in every

usage condition. Do not allow water to get inside the product or

Do not attach/remove the back cover in the rain or with water

Do not use the product in extremely hot, cold or humid places.

- au Nano IC Card 04 (when attached to the product unit)

earphone terminal with a dry cotton bud. Dirty terminals may

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Battery pack (when attached to the product unit)

Do not use in places subject to lots of dust or vibration

Occasionally clean the external connection terminal and

(Use within an ambient temperature range of 5℃ to 35℃ and

splash water on the charging equipment or optional accessories

drops on the surface of the product. Doing so might cause water

Malfunctions determined to be caused by water intrusion are not

this product, use the product with the cover tightly closed.

the warranty, even if there is no external damage.

intrusion resulting in internal corrosion

humidity range of 35% to 85%.)

covered by the warranty.

## Available Security Codes

The product has various security codes that you can use. The available security codes are as follows. Do not forget the various security codes that are set as they are necessary for various operations and contracts. Make sure to change the initial value to your own unique number.

Security code

Example of usage	To do remote operation of voice mail and call forwarding services from a landline phone To use Customer Service Center and to do various inquiries, applications, and modifications on the au homepage
Initial value	A four digit number chosen by the customer and noted on the application form

PIN code

	To prevent unauthorized use of the au Nano IC Card O4 by third parties	
Initial value	1234 Make sure to change the initial value to your own unique number.	

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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 fault. Extreme changes in temperature cause condensation. Wait until the

- nain unit reaches 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.
- · Do not splash the product with hot water. The product is not esistant to hot temperatures · Do not bring LG TV antenna cable 01 into a bathroom
- In the kitchen: You can use the product in the kitchen and other
- · Do not splash the product with 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

places where water is used.

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. If any liquid other than plain water gets on the product If any liquid other than plain water (e.g. seawater, detergent, alcohol) ● Lock No. (NFC/Osaifu-Keitai lock)

of usage	ck No. (NFC/Osaifu-Keitai lock)
value Mai	34 ke sure to change the initial value to your own unique mber.

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Privacy Protected Function

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

Function	Description
	Set Swipe, 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. If the PIN code is incorrectly entered three times consecutively, the

PIN code will be locked. You can unlock the PIN code using PUK code The default PIN code is "1234" and does not need to be changed. but you can change the PIN code to any four- to eight-digit number if necessary, and you can change settings so that the

PIN code must be entered. If you require a PIN code to be entered, make sure to change the number to your own unique number.

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gets on the product, immediately rinse it with plain water. You can wash the product under a mild flow (up to 6 liters per minute) of tap water at room temperature (5°C to 35°C) at a distance of about 10 cm from the faucet or showerhead If the product gets dirty, instead of using a brush, wash it with your nands holding the back cover so that they do not open

After the product gets wet, drain water, and wipe the main unit and the back cover with a clean dry cloth without removing the back In cold climates, water on the main unit may turn to frost. Using the product with frost may cause a fault. Do not leave the

product without wiping off water. (No special measures against condensation have been implemented in this product.) Rubber seals

dustproof property. Do not damage or remove the rubber seals. Take care not to get the rubber seals caught when closing the back cover. Forcibly closing the cover with the rubber seals caught may damage them resulting in loss of waterproof/dustproof property. Just a small particle (a hair, etc.) on the seals can cause water leak. If any liquid other than plain water (e.g. alcohol) gets on the rubber seals, it may cause deterioration in durability. Do not insert the sharp pointed object in the back cover. Doing so might damage or deform the product or damage the rubber seals

Rubber seal in the back cover plays an important part in waterproof/

t is recommended to replace the parts for maintaining waterproof/ dustproof property once every two years regardless of whether any abnormality is present. For information on part replacement, contact an au shop near you. Charging

The supplied and optional accessories are not waterproof/ - 40 -

sticker on the product unit. If the product is modified by turning the screw to the left to disassemble, technical standard compliance becomes invalid.

malfunction.

Never use the product without the valid certification. Doing so violates the Radio Law. Take care not to place magnetized items such as magnetic cards, speakers and TV sets near the product, as it might cause

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 displayed on the nameplate

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

• 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.

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■ PUK code In case the PIN code is locked, you can unlock it by entering the

· PUK code is an eight-digit number given at the time of purchase which is printed on the back side of the plastic card on which your au Nano IC Card 04 is attached. After entering the PUK code, you need to set a new PIN code in "Change SIM PIN"

If the PUK code is incorrectly entered 10 times consecutively contact an au shop, PiPit or Customer Service Center.

· If PIN is locked, the product may restart to protect its security.

PIN code is not reset by Factory data reset. Notes on waterproof and dustproof properties

This product has a waterproof property equivalent to IPX5\*1 and IPX7\*2, as well as a dustproof property equivalent to IP6X\*3 on the condition that the back cover is 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

foreign material, resulting in overheating, fire, electric shock, - 34 -

these sections may cause the intrusion of water, sand or other

Waterproof property Do not use the product in places where it may be sprayed with high pressure water (e.g. near a faucet or showerhead) or submerge it in ater for extended periods of time, as the product is not designed to withstand high water pressure. Also, do not expose the product to a water flow stronger than the specified flow rate (i.e. 6 liters per minute from a faucet or showerhead, at which you might even feel pain in the skin). Doing so might cause a fault, even though the product has a waterproof property equivalent to IPX5. Do not wash the product in a washing machine or ultrasound bath.

Do not use the product in places where boiling water may splash on it, in saunas or near hot air (e.g. hairdryer). The product is not resistant to high temperatures. Shock

This product is not resistant to shock. Do not drop the product or

This product does not float on water.

subject it to shock. Also, do not jab the earpiece, microphone or speaker with a cotton swab or any sharp object. Doing so might damage or deform the main unit causing water leak

Heat resistance

injury or a fault

Never charge the battery if the main unit is wet.

causing water leak.

After the product gets wet

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#### ■ 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.

follow the steps below to drain water 1 Carefully wipe the moisture off the main unit with a dry towel, cloth, etc.

2 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.

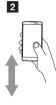
When shaking the product, confirm the safety around you and hold it firmly so as not to drop it.

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

4

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









- 42 -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 0.323 W/kg. The highest SAR value for this mobile phone when tested for use on the body is 0.265 W/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 in general, 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

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

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For inquiries, call:

Customer Service Center

**£** 0077-7-111

For general, charge, operations (toll free Business hours 9:00 - 20:00 (7 days a week) rom 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 (tall free)

From au cell phone **£** 0077-7-113 113 area code not required

In case above numbers are not available.

6120-977-033 (except Okinawa) 0120-977-699 (Okinawa)

Keitai Guarantee Service Center For loss, theft or damage (toll free











OKINAWA CELLULAR TELEPHONE COMPANY nufactured by: LG Electronics In

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歩きスマホ。

#### 5 Place it on a dry towel, cloth, etc. and let it dry at ambient temperature. (Around 30 minutes)

If it is not fully dried, the sound may become hard to hear. Let it fully dry before use.

■ Precautions on charging

#### The supplied and optional accessories are not waterproof/ dustproof. Be sure to check the following points before and after charging. · Never charge the battery if the main unit is wet. Doing so might

- cause electric shock or short circuit resulting in a fire, burns or a · Check that the main unit is not wet. If you are charging the battery
- just after the product gets wet, drain water well and wipe remaining water off with a clean dry cloth before connecting it to the specified charging equipment (sold separately). · Do not touch the specified charging equipment (sold separately)
- with wet hands. Doing so might cause electric shock.
- Do not splash water over the specified charging equipment (sold senarately) when using them. Do not use them near water such as in a bathroom, shower room, kitchen or washroom. Failure to do so might cause fire, electric shock, injure or a fault. Do not bring them into a bathroom, etc. even when you are not charging with them. Failure to do so might cause fire, electric shock, injure or a fault.

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Please refer to the websites listed below if you would like to know

OMinistry of Internal Affairs and Communications Website:

OAssociation of Radio Industries and Businesses Website:

http://www.arib-emf.org/01denpa/denpa02-02.html (in

http://www.lg.com/jp/mobile-phone (in Japanese only)

Technical regulations are defined by the Ministerial

Regulations This product and its accessories may fall under

the category of application of Japan Export Control Regulations

("Foreign Exchange and Foreign Trade Law" and relevant laws and regulations). U.S. Re-export Regulations (Export Administration

Regulations) is applied to this product and its accessories. If you

the necessary procedures at your own risk and expense. For details

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export or re-export this product or its accessories, please follow

on the procedures, contact the Ministry of Economy, Trade and

Ordinance Related to Radio Law (Article 14-2 of Radio

http://www.tele.soumu.go.ip/e/sys/ele/index.htm

Refer to "Specifications" page of this product.

(URL are subject to change without notice.)

nore detailed information regarding SAR.

Japanese only)

Oau Website:

http://www.au.kddi.com/

OLG Electronics Inc. Website:

Equipment Regulations).

Export Administration

Industry or the U.S. Department of Commerce

# Bluetooth®/Wireless LAN (Wi-Fi®) Function

- The Bluetooth® function and the wireless LAN (Wi-Fi®) function of this product conforms to the domestic standards of Japan, FCC standards, and EC directives, and has been certified.
- The 2.4 GHz band used by wireless LAN (Wi-Fi<sup>®</sup>) and Bluetooth<sup>®</sup> devices is shared by various other devices. For this reason, the communication speed and connectable range may be decreased, or disconnection may occur, due to interference from other devices.
- Do not use this product in places where electromagnetic waves are generated or near electric products, AV and OA equipment, or other magnetized devices.
- Subjecting this product to magnetic or electrical noise might increase noise and prevent it from performing communications (This product is particularly susceptible to noise when it used near a microwave oven.)
- · Using this product near a TV, radio or similar appliance might cause reception interference and disrupt TV images.
- The searching might not be successful if there are multiple wireless LAN (Wi-Fi®) access points near to the product or the same channel is being used.
- · Use of cell phones on board is restricted. Follow the instructions of each airline.
- · The communication speed and connectable range vary depending on the distance between communication devices, obstacles and the devices to connect.

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- for Japanese language.

- subsidiaries in Japan.
- Facebook, Inc.

Intellectual Property Right

#### Trademarks

either trade marks or registered trade marks.





- Wi-Fi<sup>®</sup>, Wi-Fi Direct<sup>®</sup> are registered trademark of Wi-Fi Alliance<sup>®</sup>.
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- Jibe is a trademark of Jibe Mobile K.K.
- FeliCa is a contactless IC card technology developed by Sony FeliCa is a registered trademark of Sony Corporation.
- is a registered trademark of FeliCa Networks. Inc.
- Boyi, G-GUIDE, G-GUIDE MOBILE and G-Guide related logos are trademarks registered trademarks of Rovi Corporation and/or its

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2.4 GHz Frequency Band Precautions

he frequencies used by the Bluetooth® and/or wireless LAN

(Wi-Fi<sup>®</sup>) function of this product are in the 2.4 GHz band. In this frequency band, other similar wireless stations, in-plant wireless

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

1. Before using the product, make sure that "other wireless

2. In the event that instances of radio wave interference have

3. If you are unclear on any points or are troubled by anything,

• The connections between this product and all other Bluetooth® and

wireless LAN (Wi-Fi®) devices have not been confirmed. Therefore,

connections with all Bluetooth® and wireless LAN (Wi-Fi®) devices have

This product supports security features for wireless communications

that are compliant with the Bluetooth® and wireless LAN (Wi-Fi®)

depending on the usage environment and configuration. Be careful

when making data communication using Bluetooth® or wireless LAN

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standard specifications, but the security may not be sufficient

occurred between this product and "other wireless stations"

mmediately either relocate this product or stop operation of the

stations" are not in operation nearby.

memo

(Wi-Fi®) function

device (stop the emission of radio waves).

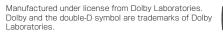
contact an au shop or Customer Service Center.

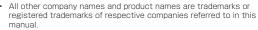
as microwave ovens, devices for industrial, scientific and medical

stations for mobile unit identification that require a license

to use, such as factory production lines, specific small power

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NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE. EVEN IF ADVISED OF THE POSSIBILITY

Wireless LAN (Wi-Fi®) has the advantage that it can be freely

connected anywhere within the radio wave range, as it uses radio

risk that a malicious third party may obtain unauthorized access if

security settings have not been configured. You are recommended

to configure security settings before using wireless LAN at your

The Company assumes no responsibility for leakage of data or

information that may occur during Bluetooth®/wireless LAN (Wi-Fi®)

Since Bluetooth® and wireless LAN (Wi-Fi®) functions use the same

frequency band, using the both functions at the same may cause

speed or disconnection from the network. If connection fails, ston-

using either of the Bluetooth® and wireless LAN (Wi-Fi®) functions.

This product uses the 2.4 GHz band. FH-SS is used as the modulation scheme. The interference distance is about 10 m or less.

This product uses the 2.4 GHz band. DS-SS and OFDM are used

as the modulation schemes. The interference distance is about

This means that full band can be used, and that band of mobile

For use in an airplane, check with the airline company in advance.

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Bluetooth® and wireless LAN (Wi-Fi®) functions of this product use

radio wave interference resulting in decreased communication

decision and responsibility.

frequencies in the 2.4 GHz band.

Bluetooth® function: 2.4FH1

Bandwidth to use: Full band

Wireless LAN (Wi-Fi®) function: 2.4DS/0F4

unit identification devices can be avoided.

Available channels differ depending on the country.

communication.

2.4FH1/DS4/0F4

40 m or less.

waves for exchanging information. At the same time, there is a

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rights reserved This product includes cryptographic software written by Eric Young

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5 GHz Frequency Band Precautions

Wireless LAN (Wi-Fi<sup>®</sup>) function of this product | IEEE802.11 b/g/n uses 5 GHz band. Using the 5.2 GHz band and 5.3 GHz band outdoors is prohibited by The channels used on the product are as

IEEE802.11 a/n/ac W52 W53 W56

■ HT20 [a/n], VHT20 [ac] 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 ch)

■ HT40 [n] , VHT40 [ac] ■ VHT80 [ac] W53 (5.3 GHz band/54, 62 ch)

118, 126, 134 ch)

follows.

W52 (5.2 GHz band/38, 46 ch) W52 (5.2 GHz band/42 ch) W53 (5.3 GHz band/58 ch) W56 (5.6 GHz band/102, 110, W56 (5.6 GHz band/106, 122

# Notes on Packet Communication Charge

- Since a constant Internet connection is possible with the product packet communication may be performed automatically by some applications, resulting in high packet communication charges. Therefore, subscription to a packet communication charge discount service or flat late plan is recommended. On the product to browse websites, download applications.
- communicate using applications, send/receive e-mails, and configure various settings, connection to the Internet is required, to which packet communication charge applies Packet communication charge does not apply to wireless LAN
- (Wi-Fi®) connection

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minimum necessary costs for media and delivery, etc., you will be provided with a CD-ROM.

For software installed in this product or part of the installed software, you are not allowed to change, translate or adapt, reverse, engineering, decompile, reverse assemble them, or do anything related to the above. This product is licensed complying with the MPEG-4 Visual

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- Plaving MPEG-4 Videos recorded personally by consumers not engaged in profit activities
- Playing MPEG-4 Video supplied from the provider licensed from

Visual (hereinafter referred to as MPEG-4 Video)

For further utilizing such as promotion, in-house use or profitmaking business, please contact MPEG LA, LLC in U.S.

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#### Applications

- Be sure to check the security of the application, then install it at your own risk. Some applications might cause virus infection, damage various data, and send out 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 applications 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 you or any 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 appearances of the applications preinstalled in 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.

## Specific Absorption Rate (SAR) of Cell Phones This model LGV32 mobile phone complies with Japanese technical

regulations and international guidelines regarding exposure to radio 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

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