







HUAWEI nova 2

HWV31







Notes on Usage

- In this manual, "Setting Guide", "Basic Manual", and "Notes on Usage" are collectively referred to as "Instruction Manual".
- In this manual, HUAWEI nova 2 HWV31 is usually referred to as "HWV31", "the product", or "main unit".
- In this manual, "microSD™" memory card (commercially available), "microSDHC™" memory card (commercially available), and "microSDXC™" memory card (commercially available) are abbreviated as "microSD memory card" or "microSD".

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	Do not expose to or place directly on sand, dirt, or mud. Do not handle with dirty hands. Doing so may cause fire, burns, injuries, or electric shock.
	Do not charge the equipment when wet with water or other liquid (drinking water, sweat, seawater, pet urine, etc.). Doing so may cause fire, burns, injuries, or electric shock.
	Do not subject the product to strong pressure or break the product. Especially when bringing the product putting in a pocket of clothes, do not let the product hit against surroundings or being put between the objects. Doing so may cause fire, burns, or injury due to battery damage. * Examples to avoid <ul style="list-style-type: none">• Sitting or squatting with the product put in a pocket of trousers or skirt• Putting the product in a pocket of outer wear and catching them in a door or a door of car• Stepping on the product on a soft object such as a sofa, bed, or bedding, or on a floor
	Do not disassemble or modify the product. Doing so may cause fire, burns, injuries, or electric shock.
	Do not get the product wet with water or other liquid (drinking water, perspiration, seawater, urine of pet animals, etc.). Doing so may cause fire, burns, injuries, or electric shock.
	Do not allow water or other liquids (drinking water, perspiration, seawater, urine of pet animals, etc.) to get inside the external connection terminal. Doing so may cause fire, burns, injuries, or electric shock.

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	Turn the product off near high-precision electronic control equipment or electronic equipment using low-power signals. Not doing so may cause the equipment to fail or malfunction due to radio wave. * Take particular care with the following devices Hearing aids, implanted cardiac pacemakers, implanted cardioverter-defibrillators or other electronic medical equipment, and other equipment controlled by electronic signals, etc. If you use an implanted cardiac pacemaker, implanted cardioverter-defibrillator or other electronic medical equipment, contact the manufacturer or dealer to check whether the operation of the equipment is affected by signals.
	If the Glass or camera lens is damaged, be careful of broken glass and the exposed inside of the product. Touching the damaged or exposed area may cause fire, burns, injuries, or electric shock.
	Stop using the product immediately and move the internal battery away from fire if you notice leakage of substance, etc. inside the internal battery or unusual odor. The battery fluid is flammable and could ignite, causing a fire, explosion, etc.
	Be careful not to have the product bitten by your pet, etc. Not doing so may cause fire, burns, or injuries due to ignition, rupture, or overhear of the internal battery, or leak from it.
	
	For using a motion sensor, check the safety around, hold the product and do not swing it more than necessary. Doing so may cause injuries or other accidents.








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Using the Product






Before you start using the product, be sure to read "Safety Precautions" in this manual to ensure correct use. Before you assume that the product is malfunctioning, perform "トラブル診断" (Trouble check). (Displayed language is Japanese only.)
Home screen→[au]→[故障紛失サポート] (Repair and Delivery Service)→[トラブル診断] (Trouble check) (Displayed language is Japanese only.)
Or, check for possible remedies in the following site "トラブル診断" (Trouble check) of au homepage:
https://www.au.com/trouble-check/

- 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 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.)
- VoLTE (LTE network) by au is used when connecting with emergency call receiving agencies within Japan. You cannot connect through 3G (circuit switching network).
- The product is compatible with au World Service. Each network service described in this manual varies depending on the area and service content.
- The product is compatible with au World 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 Radio 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.

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	Use only optional products specified by au. Not doing so may cause fire, burns, injuries, or electric shock.
	
	Do not subject the product to strong force, shock or vibration by dropping, stepping on, or throwing the product. Doing so may cause fire, burns, injuries, or electric shock.
	Do not allow conductive materials (metal pieces, pencil lead, etc.) to come in contact with the external connection terminal, and do not allow dust to get inside. Doing so may cause fire, burns, injuries, or electric shock.
	Do not cover or wrap the product with a blanket, etc. while using or charging. Doing so may cause fire or burns.
	If charging is not completed after the specified charging time, stop charging. Doing so may cause fire, burns, or injury due to overcharging.
	Before entering an area where flammable gas is generated such as a gas station, or an area where dust is generated, always be sure to turn off the product, and discontinue charging the product if charging. Using the product where flammable gas is generated may cause explosion or fire.








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	If the display breaks and the fluid, etc. leaks out from inside, do not let the fluid contact with the skin on your face or hands or clothes. Doing so may cause eye or skin problems. If the internal matter etc. comes into contact with your eyes, mouth, skin or clothes, immediately rinse the contacted area with clean water. If the fluid, etc. enters your eyes or mouth, immediately see a doctor after rinsing.
	Do not discard the product together with regular trash. Doing so may cause fire, burns, or injuries. Doing so may cause environmental degradation. Take the unnecessary product to a sales outlet such as an au shop or follow the instructions by a local institution that handles used products.
	If fluid, etc. leaks out from the internal battery, do not let the fluid contact with the skin on your face or hands or clothes. Doing so may cause eye or skin problems. If the internal matter etc. comes into contact with your eyes, mouth, skin or clothes, immediately rinse the contacted area with clean water. If the fluid, etc. enters your eyes or mouth, immediately see a doctor after rinsing.
	Be careful with the tip of the SIM card removal tool (sample) not to injure any part of your body (fingers, etc.) when you remove au IC Card or microSD memory card. Touching the tip of the SIM card removal tool (sample) may cause injuries.
	If you use the handset in a vehicle, contact the vehicle manufacturer or dealer to check whether the operation of the vehicle is affected by signals. In rare cases, using the phone in some vehicle models can cause the vehicles electronic equipment to malfunction. In that case, stop using the product immediately.









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- Before you start using the product overseas, check the relevant laws and regulations of the country/region you visit.
- 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 "Basic Manual" and "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.
- It is recommended you keep a copy of important data on your PC's hard disk, etc. Whatever the cause of fault or malfunction may be, the Company assumes no responsibility for alteration or loss of saved information.
- Contents saved in the product, such as contacts, mails and favorites, might be altered or lost by an accident, fault, repair or mishandling. Be sure to keep a copy of important contents. Note that Company assumes no responsibility for any damages or lost profits resulting from altered or lost contents.
- Note that content data (both charged or free of charge) saved on the product cannot be returned to the customer when the product is replaced for repair of a fault, for example.
- This 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.

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	If you notice anything unusual, such as an unusual odor, noise, smoke, overheating, discoloration or deformation during use, charging or storage, follow the instructions below. <ul style="list-style-type: none">• Unplug the power plug from the power outlet.• Turn the product off. Not doing so may cause fire, burns, injuries, or electric shock.
	
	Do not use the damaged product. Doing so may cause fire, burns, or injuries.
	Do not place the product on unstable places such as rocky stands or tilting surfaces. Be careful especially while the vibrator is set. Doing so may cause the product to fall and cause injuries.
	Do not store or use the equipment in locations that are subject to humidity, dust or high temperatures. Doing so may cause fire, burns, or electric shock.
	If being used by a child, have a guardian teach him/her the proper handling procedure, and do not allow improper use. Doing so may cause injuries.
	Do not leave in places within the reach of small children. Doing so may cause accidental swallowing, injuries, or electric shock.






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	If use of the product causes any skin abnormalities, immediately stop using the product and seek medical treatment. Itching, rashes, eczema, etc. sometimes occurs depending on your physical constitution and condition. For the materials of each part→P18
	The speaker and camera of the product use magnetic components. Make sure that metal objects (cutter blades, staples, etc.) are not attached to it. Attached objects may cause bodily injury, etc.
	Look at the display in a well-lit place, keeping a certain distance from the screen. Viewing in a dark location or too closely may affect your eyesight.
	
	Do not use if the cord of the adapter or USB cable is damaged. Doing so may cause fire, burns, or electric shock.
	Do not use the adapter and USB cable in humid locations such as a bathroom. Doing so may cause fire, burns, or electric shock.
	Do not touch the adapter or USB cable if you hear thunder. Doing so may cause electric shock.
	Do not short-circuit the external connection terminal when connected to an outlet. Do not allow any part of your body such as your hands or fingers to come into contact with the external connection terminal. Doing so may cause fire, burns, or electric shock.

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- Although the display used on the product is made using high-precision technology, some pixels (dots) might be lit or out at all times. This is not a malfunction.
- You are recommended to store copies of individual data such as photos you took, videos and music in your PC by sending each file as mail attachment, etc. Note, however, that you may not be able to make copies of some copyrighted data even by the above-mentioned means.
- Do not discard the product together with regular trash. Please cooperate in the collection of the product (including optional products) when it is no longer needed to protect the environment and effectively use resources. Old product is collected at au shops and other places.






- * "The Company" as appears in this manual refers to the following companies:
Sold by: KDDI CORPORATION, OKINAWA CELLULAR TELEPHONE COMPANY
Imported by: HUAWEI TECHNOLOGIES JAPAN K.K.
Manufactured by: HUAWEI TECHNOLOGIES CO., LTD.

	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.
	Some functions may become unavailable due to the change of the specifications of the operating systems, and change or termination of services.
	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 (Always follow these directions)

- Before using this product, thoroughly read these "Safety Precautions" for proper use. After reading this manual, keep it carefully.

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	The product may reach a high temperature when using it continuously for a long time or when charging it. Also avoid falling asleep and unintentionally having prolonged contact with the product. The product, internal battery, or adapter may become hot when using the product for a long time such as when using applications, calling, performing data communication, watching videos, or while charging. Directly touching a warmed part for a long time may cause redness, itching, rashes, etc. on your skin, or result in low-temperature burns depending on your constitution or health condition.
	
	Do not throw the product into a fire or heat it. Doing so may cause fire, burns, or injuries.
	Do not apply excessive force on the product such as by puncturing it (sharp object), hitting it with a hammer (hard object) or stepping on it. Doing so may cause fire, burns, or injuries.
	If the substance inside the product comes into contact with your eyes or mouth, immediately rinse the area with clean water, and then see a doctor right away. Not doing so may cause loss of sight or poor physical condition due to the influence of the substance, etc. inside the product.



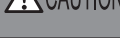
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	Do not apply excessive force on the cord of the adapter or the USB cable by placing heavy objects on it or by pulling it. Doing so may cause fire, burns, or electric shock.
	When plugging/unplugging an AC adapter into/from the outlet, do not allow metallic objects to come into contact with the prongs of the plug. Doing so may cause fire, burns, or electric shock.
	Do not use a travel converter instead of the AC adapter. Doing so may cause fire, overheating, electric shock.
	Do not apply excessive force where the adapter is connected to the product. Doing so may cause fire, burns, injuries, or electric shock.
	Do not handle the cord of the adapter, USB cable, the external connection terminal, or power plug with wet hands. Doing so may cause fire, burns, or electric shock.
	Always use the specified power supply and voltage. When using overseas, use the AC adapter that is available overseas. Using the incorrect power supply or voltage may cause fires, burns, electric shock, etc. AC adapter: AC100V (Connect only with a household AC outlet) AC adapter available overseas: AC100V to 240V (Connect only with a household AC outlet)
	Wipe off any dust on the power plug. Not fully plugging the adapter in may cause fires, burns, electric shock, etc.
	Fully plug the adapter into the outlet. Not fully plugging the adapter in may cause fires, burns, electric shock, etc.

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- These precautions contain information intended to prevent bodily injury to the user and to surrounding people, as well as damage to property, and must be observed at all times.

- The following symbols indicate the different degrees of injury or damage that may occur if information provided is not observed and the product is used improperly.







	DANGER	This symbol indicates the "potential and imminent danger of death or serious injury" ¹ to a person" due to mistaken handling.
	WARNING	This symbol indicates the "possibility of death or serious injury" ¹ to a person" due to mistaken handling.
	CAUTION	This symbol indicates the "possibility of personal minor injury" ² to a person" or physical damage" ^{3a} due to mistaken handling.

*1 Serious injury: This refers to loss of sight, injury, burns (high- and low-temperature), electric shock, broken bones, injury 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 log-term hospital attendance as an outpatient.

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







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	Do not lighten or illuminate the flash/photo light with the light-emitting part pointed at the someone' s eyes. Especially when you use it for young children, keep sufficient distance from them. Doing so may cause impairment of eyesight, etc. Also, eyesight may be temporarily affected or they may be surprised, leading to an accident.
	Do not lighten or illuminate the flash/photo light to point at the eyes of someone driving a car, etc. Doing so hinder driving and may cause an accident.
	Do not view a repeatedly flickering screen for a prolonged period. May cause spasms, loss of consciousness, etc.
	Do not allow water or other liquids (drinking water, perspiration, seawater, urine of pet animals, etc.), metal pieces, flammable material or foreign object into the au IC Card/ microSD memory card slot on the product. Note the correct locations and orientations for inserting au IC Card and microSD memory card. Doing so may cause fire, burns, injuries, or electric shock.
	Do not expose the camera lens to direct sunlight for an extended period. Doing so may cause fire, burns, or injury due to concentration of light.




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	Do Always grasp the adapters when unplugging the power plug from the outlet. Do not pull or otherwise apply excessive force on the cord of the adapter or the USB cable. Pulling the cord may damage it, causing fire, burns, electric shock, etc.
	Do When plugging/unplugging an adapter into/ from the product, plug/unplug the adapter straight on with the connecting terminal. Do not pull or otherwise apply excessive force on the cord. Not plugging/unplugging correctly may cause fires, burns, bodily injury or electric shock.
	Do If the external connection terminal is bent or otherwise deformed, immediately discontinue use. Do not use even if terminals are bent back. Short-circuited external connection terminal may cause fires, burns, bodily injury, electric shock, etc.
	Do When not in use, unplug the adapter from the outlet. Leaving the power plug plugged may cause fire, burns, or electric shock.
	Do Immediately unplug the power plug from the outlet if water or other fluids (drinking water, perspiration, seawater, urine of pet animals, etc.) get on the charging equipment. Short-circuit due to attached objects may cause fire, burns, or electric shock.
	Do Always unplug the power plug from the outlet before cleaning the charging equipment. Cleaning while still plugged in may cause fires, burns or electric shock.
	Do Do not touch the adapter for a long time when connected to an outlet. Doing so may cause burns etc.






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Explanation of Prohibition or Enforcement Symbols					
	Don't	Indicates an action that is not allowed.		No wet hands	Indicates that handling with wet hands is not allowed.
	Not disassembly	Indicates that disassembly is not allowed.		Do	Indicates that instructions specified are compulsory (must be followed).
	Not liquids	Indicates that use in a place where the product is likely to get wet or allowing the product to get wet is not allowed.		Unplug power plug	Indicates that the power plug must be disconnected from the power outlet.






- Precautions common to the main unit, internal battery, charging equipment, au IC Card, peripheral devices

	
	Don't Do not use, store or leave the product in hot places or places where heat is easily accumulated (e.g. by the fire, near a heater, under a kotatsu, in direct sunlight, in a car in the hot sun). Doing so may cause fire, burns, injuries, or electric shock.
	Don't Do not put the product in, or place it near a cooking apparatus such as microwave oven or IH cooker, or a high-pressure container such as pressure vessel. Doing so may cause fire, burns, injuries, or electric shock.

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	Do Turn off the product or put it in the Airplane mode before boarding an airplane. Since using the product on airplanes is restricted, follow the instructions given by the respective airlines. The product's signals may adversely affect on-board electronic equipment. Prohibited acts related to product usage on an airplane may be punished by law.
	Do When using in hospitals, follow the guidelines of each institution. Turn power off where use is prohibited. The product's signals may affect electronic equipment and electronic medical equipment.
	Do When using the handsfree call, ringtone is ringing, or in the standby mode, be sure to keep the product off of the ears. When you attach the earphone/microphone etc. to the handset to play games, videos, music, etc., do not make the volume too loud. When using the handsfree call, loud noise sounds from the product. Even in the standby mode, ringtone and alarm may work suddenly. Using continuously for a long time with too loud volume may cause a hearing loss, etc. And, if you cannot hear the sound around you clearly, it may cause an accident.
	Do If you have a weak heart, set the vibrator or ringtone volume carefully. Sudden ringtone vibration and ringtone surprise you, and it may cause harmful effect on heart.
	Do If you are using electronic medical equipment etc., contact the respective manufacturer or dealer to check whether the operation of the equipment is affected by signals. Not doing so may cause harmful effect on electronic medical equipment, etc. due to radio wave.

- au IC Card

	
	Do Be careful not to scratch yourself (finger, etc.) with the cut section when handling au IC Card. The cut surface may be sharp, and it may cause injuries.
	
	Do 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. Not doing so may cause harmful effect on electronic medical equipment due to radio wave.
	Do When using electronic medical equipment 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 equipment regarding the influence of radio waves. Not doing so may cause harmful effect on electronic medical equipment due to radio wave.

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● If there is any chance that the distance between the product and a person closest to you may get shorter than 15 cm such as when you cannot freely move around, set the product not to emit radio wave in advance (by setting the Airplane mode, turning the power off, etc.).
Somebody nearby may be equipped with electronic medical equipment such as an implanted cardiac pacemaker or an implanted cardioverter-defibrillator. Not doing so may cause harmful effect on electronic medical equipment due to radio wave.

● Follow the instructions given by the respective medical facilities regarding the use of the product on their premises.
Not doing so may cause harmful effect on electronic medical equipment due to radio wave.

Material List

<Main unit>		
Part	Material	Surface treatment
Display	Glass	-
Exterior case (Front part)	Glass	-
Exterior case (Side and rear part)	Aluminum alloy	Sandblast, positive pole Polishing (Graphite black)
au IC Card/microSD memory card tray	PC+GF (1 0%)	-
Power button, volume button	Aluminum alloy	Sandblast, positive pole CNC processing
Speaker grille	SUS	PVD coating
Camera lens ornament (Outside)	Aluminum alloy	Positive pole
Camera lens	Glass	Silkscreen print
Flash/Photo light	PMMA resin	Electrocasting

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● Do not cover the illuminance sensor with your finger or put a sticker on it. Doing so may hinder the sensor for detecting the ambient light level and functioning correctly.

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

● Use the product with the au IC Card/microSD memory card tray closed. If the tray is open, dirt or water may get inside, causing malfunction.

● Do not allow liquids, metal objects, and other foreign matter to get inside the au IC Card/microSD memory card slot of the product. Doing so may cause malfunction.

● Do not subject to strong impact to the product such as dropping, throwing, or stepping on it. Doing so may cause malfunction.

● Do not place the product directly on sand at a beach, etc. Sand or other small particles may get inside the receiver, mouthpiece, speaker, etc. causing the volume to drop. If sand gets inside the product, it may cause malfunction.

■ Touch panel

● Putting stickers or sheets (e.g. commercially available protective films, peep prevention sheets) on the display might cause incorrect operation of the touch panel.

● 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.

■ Internal battery



Li-ion00

(The internal battery of the product is a lithium-ion battery.)
The internal battery 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.

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○ Connections between the 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 are not guaranteed.

○ 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 function (Wi-Fi®).

○ Wireless LAN (Wi-Fi®) has the advantage that it can be freely connected anywhere within the radio wave range, as it uses radio waves for exchanging information. At the same time, there is a risk that a malicious third party may obtain unauthorized access if security settings have not been configured. At the customer's discretion and responsibility, it is recommended that you make security settings before using the product.

○ The Company assumes no responsibility for leakage of data or information that may occur during Bluetooth®/ Wireless LAN (Wi-Fi®) communication.

○ Since Bluetooth® and wireless LAN (Wi-Fi®) functions use the same frequency band, using both of the functions at the same time may cause radio wave interference resulting in decreased communication speed or disconnection from the network. If connection fails, stop using either of the Bluetooth® and Wireless LAN (Wi-Fi®) functions.

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Part	Material	Surface treatment
Fingerprint scanner ornament	Aluminum alloy	Positive pole
Fingerprint scanner	PC resin	Coating
Rear cover antenna break point	PBT+GF (40%)	-
Protective film	PET resin	-

<HUAWEI Quick Charger>

Part	Material	Surface treatment
AC adapter main unit	PC	-
Power plug (Metallic part)	Cu	Ni plated
USB cable	TPE	-
USB plug/USB Type-C plug (Metallic portion)	Cu	Ni plated
USB plug/USB Type-C plug (Resin portion)	TPE	-

<Clear case (sample)>

Part	Material	Surface treatment
Main unit	PC	Inside: high gloss process Outside: electrical discharge machining

<Earphone microphone (sample)>

Part	Material	Surface treatment
Earphone portion (housing), plug (resin part), remote control plug (Metallic part)	PC	-
Mesh	SUS	-
Cable	TPE	-

<SIM card removal tool (sample)>

Part	Material	Surface treatment
Main unit	Steel	Planer processing

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● Using the product in very hot or cold environments, for example, when left in an automobile with the windows closed in summer, will cause the internal battery capacity to drop and shorten the available battery usage time. This also shortens the internal battery's service life. Try to use the internal battery as far as possible at room temperature.

● After the internal battery is charged, battery power decreases bit by bit even if the product is not used. The internal battery may be discharged if the product is not used for a long time. We recommend to charge the product before use.

● Internal battery is a consumable item. If the performance of an internal battery does not recover (e.g. the usable time after each charge has become extremely short), the internal battery is at the end of service life, so stop use. Since the battery is built-in, au Shop will keep the product and charges will be incurred for repair. You may not use the product for a certain period. Please be forewarned. Note that the length of service life varies depending on the usage condition, etc.

● Internal battery sometimes swells up as they approach the end of its service life. This is due to the properties of lithium-ion batteries, and is not a problem in terms of safety.

■ Charging equipment

● Do not loop the power cord of specified charging equipment around the adapter main unit. Also, do not forcibly bend the charging equipment's plug or the connection between the connector and power cord. Do not apply excessive force on the cord of the adapter or the USB cable by placing heavy objects on it or by pulling it. Doing so may cause malfunction.

● Hold the power plug of the specified charging equipment when removing from an outlet. Pulling the cable may damage the cable.

■ au IC Card

● Do not forcibly remove or insert au IC Card. Be careful not to exert excessive force when inserting the card into your au cell phone.

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Handling Precautions

Observing the following will prevent product faults and ensure adequate product performance.
Be sure to read for proper use.

■ Precautions common to the main unit, internal battery, charging equipment, au IC Card, and peripheral devices

● Do not apply excessive force to the product during use. Be 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 your pocket might damage the display or internal circuit board resulting in a damage or malfunction.
Also, doing so with keeping an external device connected to the external connection terminal or headset jack may damage the connector resulting in a malfunction. Such damage and malfunction are not covered by the warranty, even if there is no external damage.

● Do not use the product in extremely hot, cold or humid places.
(Use within an ambient temperature range of 0°C to 35°C and humidity range of 5% to 95%.)

● Do not use in places subject to lots of dust or vibration. Doing so may cause malfunction.

● Clean the external connection terminal and headset jack with dry cotton swabs, etc. every now and then. Soiled terminals might cause poor connection. Do not exert a strong force to clean the external connection terminals or headset jack to prevent deformation.

● Clean only with a soft and dry cloth (such as the type used for eyeglasses). Forcefully rubbing with a dry cloth may scratch the display. The display may be stained if splash or smear is left attached to the surface. If the product is wiped with alcohol, paint thinner, benzene, detergent, or glass cleaner, the printing may be erased or color may fade.

● Use as far away as possible from land-line phones, TVs and radios. Using the product near these devices may affect them.

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● You are responsible for any damage caused by inserting your au IC Card into some other IC card reader/writer, etc.

● Do not put stickers, etc. on au IC Card.

● Do not insert au IC Card with a conversion adapter attached to. Doing so may cause malfunction.

● Do not damage au IC Card (use in high temperatures, dispose of in fire, allow foreign objects to contact the metal portion, subject to shock, bend or place heavy objects on it, expose to wetting, etc.). Doing so may cause erasure of data or a fault.

■ USB cable

● Do not loop cord of the specified charging equipment around the adapter main unit. Also, do not forcibly bend the connection between the plug of the USB cable and the connector of the adapter. Do not apply excessive force on the cord of the adapter or the USB cable by placing heavy objects on it or by pulling it. Doing so may cause malfunction.

● Hold the plug of the USB cable when removing from the adapter. Pulling the cable may damage the cable.

■ Clear case

● Wipe the clear case that is dirty with a cloth moistened with cleaning alcohol. Periodical cleaning (once in a half year) is recommended.

■ Earphone microphone

● Do not loop the cord of the earphone microphone around the product. Do not forcibly bend the plug of the earphone microphone. Do not place heavy objects on the cord of the earphone microphone or apply excessive force such as by pulling. Doing so may cause malfunction.

● Hold the plug of the earphone microphone when removing from the headset jack. Pulling by the cord may damage the cord.

■ SIM card removal tool

● Do not insert the SIM card removal tool into a hole other than the au IC Card/microSD memory card tray. Doing so may cause malfunction or damage.

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● The product may become warm while charging or during other operations, depending on the situation, but this is not abnormal.

● Do not place near corrosive chemicals or in places where corrosive gas is generated. Doing so may cause malfunction.

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

● Be sure to use only the specified peripheral devices. Using peripheral devices other than those specified may cause malfunction.

● Do not put the product in a cooking apparatus such as microwave oven or a high-pressure vessel. Doing so may cause malfunction.

● The customer is not allowed to disassemble, modify or repair the product. Doing so may cause malfunction. And, modification of the product is in violation of the Radio Law and Telecommunication Business Act.

● To avoid short-circuiting the connection terminal or headset jack, do not allow fingers or other part of your body or conductive foreign objects (metal fragments, pencil leads, etc.) to come into contact with or get inside the connection terminal or headset jack. Doing so may cause malfunction.

● Do not splash liquids such as water. Do not use in humid places such as a bathroom, and never use the product with wet hands. Doing so may result in faults resulting from short-circuiting of electronic circuits or corrosion.

● Faults caused by wetting with water or humidity are not covered by the warranty and charges will be incurred for repair.

● In the event that the product gets wet while charging, immediately disconnect the power plug of the AC adapter.

● Do not use the product while driving a car or riding a motorbike or bicycle or while walking. Use 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.

● Do not apply excessive force on the tool during use. Doing so may cause malfunction or damage.

● When disposing the product, dispose it separately according to your local rule.

● Do not use the SIM card removal tool for other mobile devices. Doing so may cause malfunction or damage to the mobile device.

■ Camera

● When photographing important occasions, take a trial shot and check the shot image to make sure it is correctly shot.

● Do not shoot in areas where shooting is prohibited.

■ Copyrights and rights of portrait

● If the data you shot or recorded using the product or the data you downloaded from the Internet, etc. is in part or in whole protected by the third party's copyright, you are not allowed to copy, distribute, publicly send, modify the data without 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 portrait.
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.

■ Backup content on the product

● Please back up important content registered to the product or downloaded for the product from 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.

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PIN Code

PIN code

To prevent unauthorized use of au IC Card 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 the PIN code when setting whether 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 the PUK code.

● The PIN code is set to "1234" and PIN code entry is set not to be required at the time of purchase. You can change the PIN code to any four- to eight-digit number, and set PIN code entry to be required as necessary.

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

PUK code

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

● 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 IC card is attached.

● After entering the PUK code, you need to set a new PIN code.

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

● The PIN code is not reset by initializing the product.

● Using or charging the product in the bag or with it covered by bedding etc. may cause malfunction.

● When using charging equipment or external device, insert/remove the connector straight to/from the product. If the connector is inserted/removed in an incorrect orientation or direction, it may cause malfunction.

● Do not expose the camera lens to direct sunlight for an extended period. Doing so may cause malfunction.

● Do not store or leave the product in places subject to direct sunlight (e.g. in automobiles), places that get hot, places that get extremely cold, or in humid or dusty places. Doing so may cause malfunction.

● Do not place the product on unstable places such as rocky stands or tilting surfaces. Be careful especially while the vibrator is set. Doing so may cause the product to fall, leading to malfunction, etc.

● For charging the product, do not exceed the rating of an outlet or wiring device by overloading an electrical circuit, etc.

■ Main unit

● The product's battery is built in, and cannot be replaced by the customer. For battery replacement, contact an au shop or Customer Service Center.

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

● Do not forcefully press your fingernails, sharp objects or hard objects against buttons 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.

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Notes on Using the Bluetooth®/ Wireless LAN (Wi-Fi®) Function

● Bluetooth® function of the product conforms to domestic standards of Japan and EC Directive, and has been certified.

● In some countries/regions, the use of the Bluetooth® functions may be restricted. If you are using the product overseas, check the relevant laws and regulations of the country/region you visit.

● The wireless LAN (Wi-Fi®) function of the product conforms to domestic standards of Japan and EC Directive, and has been certified.

● In some countries/regions, the use of the wireless LAN (Wi-Fi®) functions may be restricted. If you are using the product overseas, check the relevant laws and regulations of the country/region you visit.

● Do not use the 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 used near a microwave oven.)

● Using this product near a TV, radio or similar appliance might cause reception interference and disrupt TV images.

● Searching might not be successful if there are multiple wireless LAN (Wi-Fi®) access points near the product or the same channel is being used.

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

● The communication speed and connectable range vary depending on the distance between communication devices, obstacles and the devices used.

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Notes on Data Communication Charges

● Since constant Internet connection is possible with the product, data communication may be performed automatically by some Application. Therefore, subscription to a flat-rate/discount service for data communication charges is recommended.

● To browse homepages, download applications, communicate using applications, send/receive au mails and configure various settings with the product, connection to the Internet is required, to which data communication charge applies.

* Data communication charge does not apply to wireless LAN (Wi-Fi®) connection.

Notes on 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 trouble with applications, etc. which the customer has installed. In this event, the customer may be charged for repairs even if within the warranty period.


● The Company assumes no responsibility for any disadvantage brought to you or any third party by applications you have installed.

● Some applications require that a microSD memory card be inserted.

● Some applications prohibit the product from entering the sleep mode while they are active, or rapidly drain the battery while running in the background.

● Operation procedures and screen appearances of the applications in the product and those installed by you are subject to change without notice as a result of version upgrade. Note that there may be differences with descriptions in this manual.

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● Never use the product that is modified. Use of a modified device violates the Radio Law and Telecommunication Business Act. The product is compliant with rules on the technical standard conformance of specified wireless equipment based on the Radio Law/Telecommunications Business Act, and as a proof of it, the "Technical Conformity Mark  is checkable on the product.

<<Checking procedure>>

Home screen→[基本フォルダ] (Basic folder)→[Settings]→[About phone]→[Certification]
If the product is disassembled and modifications are made to the internal components, the certification of conformity with technical regulations will become invalid. Never use the product with the certification invalid, as it is a violation of the Radio Law and Telecommunications Business Act.

● Take care not to place magnetized items such as magnetic cards, speakers and TV sets near the product, as it may cause malfunction. Putting a strong magnetism close to the product may cause false operation.

● Do not bring the product close to magnetic cards such as cash cards, credit cards, and prepaid cards. Doing so may result in loss of recorded information.

● 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, as it may cause scratching or damage. Doing so might cause scratching or damage. Also, be aware that any metal or other hard object that comes into contact with the display may scratch or damage them.

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

● 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 may cause data loss or malfunction.

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Cautions on Using the 2.4 GHz band

The frequencies used by the Bluetooth® and/or Wireless LAN (Wi-Fi®) function of the 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 for 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 the product and "other wireless stations", immediately either relocate the 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.

Setting Application Authority

The first time you launch an app/function that accesses the functions or information of the product, a confirmation screen for requesting access permission appears. When the confirmation screen appears, confirm the content and tap "DENY" or "ALLOW".

Example: when activating Photo for the first time.

1 Home screen→[Google]→[Photos]



2 Confirmation screen for access access permission→[IDENY]/[ALLOW]

Normally, click "ALLOW" to allow the application to use the function.

Perform the same operation to allow the application to use other functions.

memo

○ If the application authority is not allowed, applications/ functions may not be activated or using functions may be restricted.

○ To change the authority setting, on the Home screen, tap [基本フォルダ] (Basic folder)→[Settings]→[Apps]→application to be changed→[Permissions]→[]/[] for the authority to be changed.

○ The explanation screen may be displayed depending on the application/function. Also, the confirmation screen may be displayed several times or the display may be different. Carefully check the displayed content, follow the onscreen instructions.

○ In this manual, description of the confirmation screens may be omitted.

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Rules of Etiquette

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

- Do not listen to music or watch videos 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.
- Since using the product on airplanes is restricted, follow the instructions given by the respective airlines.

Consider people around you

- Do not make calls in theaters, museums, libraries, and other similar places. Turn power off or turn on the manner mode so as not to disturb others around you with your ringtones.
- In a city area, use in a place where you do not bother people walking.
- It is extremely dangerous to walk while looking at the screen of the cell phone. Do not make calls or operate the product while walking or by stopping suddenly.
- Move to a place where you do not disturb others while you are in a 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.
- Ask permission if you take photos with your cell phone camera.
- When using the camera, follow common rules of etiquette regarding camera use.
- There may be a person with a cardiac pacemaker nearby at a place filled with people such as in a crowded train. Set the "Airplane mode" or turn off beforehand.

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- 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.

Specific Absorption Rate of Cell Phone, etc.

Specific Absorption Rate (SAR) of Cell Phone

This model [HWV31] cell phone complies with Japanese technical regulations for exposure to radio waves and international guidelines on radio wave protection. This cell phone has been designed in observance of the Japanese technical regulations regarding exposure to radio waves^{*1} and limits to exposure to radio waves recommended by 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 cell phones is 2.0 W/kg. The highest SAR value for this cell phone when tested for use near the head is 1.222W/kg^②. The highest SAR value for this cell phone when tested for use on the body is 0.545W/kg^②. There may be slight differences in SAR levels among individual products, but they all satisfy the limit. The actual SAR of this cell 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 cell 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 cell phone is. This cell 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

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between the product and your body. By doing this, this cell phone complies with Japanese technical regulations and international guidelines regarding exposure to radio waves. The World Health Organization has stated that "a large number of studies have been performed over the last two decades to assess whether mobile phones pose a potential health risk. To date, no adverse health effects have been established as being caused by mobile phone use."

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/e/sys/ele/index.htm

○Association of Radio Industries and Businesses website:
http://www.arib-emf.org/O1denpa/denpaO2-O2.html (in Japanese only)

○HUAWEI TECHNOLOGIES CO., LTD website:
http://consumer.huawei.com/jp/index.htm (in Japanese only)

○au homepage:
http://www.au.kddi.com/english/

- *1 Technical regulations are defined by the Ministerial Ordinance Related to Radio Law (Article 14-2 of Radio Equipment Regulations).
*2 Including other radio systems that can be simultaneously used.

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Export Administration Regulations

This product and its accessories may be under coverage of the Export Administration Regulations of Japan ("Foreign Exchange and Foreign Trade Control Laws" and the related laws and regulations). In addition, Export Administration Regulations of the United States may be applicable. To export and re-export the product and its accessories, take the required measures on your responsibility and at your expenses. For details on the procedures, contact the Ministry of Economy, Trade and Industry or the U.S. Department of Commerce.

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 Bluetooth

 Wi-Fi
CERTIFIED

 Wi-Fi PROTECTED
SETUP

 WIMAX
UQ
CERTIFIED

 MICRO
SD

 MICRO
SD
HC

 MICRO
SD
XC

Google and Google logo, Android and Android logo, Google Play and Google Play logo, Play Music and Play Music logo, Play Movies & TV and Play Movies & TV logo, Gmail and Gmail logo, Google Maps and Google Maps logo, Google Drive and Google Drive logo, Google Maps Navigation and Google Maps Navigation logo, Google Chrome and Google Chrome logo, Google Voice Search and Google Voice Search logo, YouTube and YouTube logo are trademarks or registered trademarks of Google, Inc.

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For inquiries, call:

Customer Service Center

For general information, charges, and operation assistance (toll free)

Business hours: 9:00 to 20:00 (7 days a week)

From fixed-line phones: **0077-7-111** | **157** area code not required
Pressing "zero" will connect you to an operator, after calling "157" on your au cellphone.

In case above numbers are not available, call toll-free:

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

For service cancellation procedure in case of loss or theft (toll free)
Business hours: 24 hours (7 days a week)

From fixed-line phones: **0077-7-113** | **113** area code not required
From au cell phones:

In case above numbers are not available, call toll-free:

0120-925-314

Repair and Delivery Service Center

For loss, theft or damage (toll free)

Business hours: 9:00 to 20:00 (7 days a week)

From fixed-line phones/au cell phones:

0120-925-919



やめましょう、
歩きスマホ。

 **キケン！
水ぬれ充電**

濡れた状態での充電は、
異常な発熱・爆発などの原因となり
大変危険です。



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