

# Speed Wi-Fi NEXT W04 Notes on usage

\* As an instruction manual of the product, refer to the “Quick Start Guide”, “Notes on usage” (this manual), or “取扱説明書 詳細版 (Full Instruction Manual)” (Japanese) available on the au homepage. In this manual, “Instruction Manual” includes “Quick Start Guide”, “Notes on usage” (this manual), and “取扱説明書 詳細版 (Full Instruction Manual)” (Japanese).  
\* In this manual, “Speed Wi-Fi NEXT W04” is referred to as “the product”.  
\* All amounts of money are tax-excluded unless otherwise provided in this manual.

## Safety Precautions (Observe Strictly)

- Before using the product, thoroughly read these safety precautions for proper use. After reading, store the precautions in a safe place.
- These “Safety Precautions” describe instructions that should be observed to prevent bodily injury to the customer and others as well as damage to property using the product.
- This symbol indicates that bodily injury or damage to property may directly and immediately result from improper use.

	<b>DANGER</b>	This symbol indicates the potential and imminent danger of death or serious injury <sup>1</sup> to a person from improper use.
	<b>WARNING</b>	This symbol indicates the possibility of death or serious injury <sup>1</sup> to a person from improper use.
	<b>CAUTION</b>	This symbol indicates the possibility of minor injury <sup>2</sup> to a person or physical damage <sup>3</sup> from improper use.

<sup>1</sup> Serious injury: This refers to loss of sight, injury, burns (high- and low-temperature), electric shock, broken bones, injuries with residual aftereffects from poisoning, etc., and injuries requiring hospital admission for treatment or long-term hospital attendance as an outpatient.

<sup>2</sup> 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.

<sup>3</sup> Physical damage: This refers to extended damage to buildings, furniture, livestock, or pets.

### Explanation of graphic symbols used in this manual

	Indicates an action that is not allowed.		Indicates that handling with wet hands is not allowed.
	Indicates that disassembly is not allowed.		Indicates an action that must be done.
	Indicates that use in a place where the product is likely to get wet or allowing the product to get wet is not allowed.		Indicates that the power plug must be disconnected from the power outlet.

### Precautions common to the main unit, charging equipment, au IC card, USB3.0TypeC-A cable (sample), peripheral devices

#### DANGER

- Do not use, store or leave the equipment in locations subject to high temperatures or accumulation of heat (e.g. by the fire, near a heater, under a kotatsu or bedding, in direct sunlight, in a car in the hot sun).** Doing so might cause fire, burns, injury, electric shock, etc.
- Do not put the equipment in or near microwave ovens, cooking appliances such as IH cooking heaters, or high pressure containers such as pressure cookers.** Doing so might cause fire, burns, injury, electric shock, etc.
- Do not splash sand, soil or mud, or do not directly place the equipment on them. Also, do not touch the equipment with hands with sand etc. adhered.** Doing so might cause fire, burns, injury, electric shock, etc.
- Do not charge the internal battery when the product gets wet with liquids such as water (drinking water, sweat, seawater, urine of pet animals, etc.).** Doing so might cause fire, burns, injury, electric shock, etc.
- Do not disassemble or modify the equipment.** Doing so might cause fire, burns, injury, electric shock, etc.
- Do not let the equipment get wet with liquids such as water (drinking water, sweat, seawater, urine of pet animals, etc.).** Doing so might cause fire, burns, injury, electric shock, etc.
- Do not allow liquids such as water (drinking water, sweat, seawater, urine of pet animals, etc.) to get inside the connection terminal or charging terminal.** Doing so might cause fire, burns, injury, electric shock, etc.
- Use only optional accessories specified by au for the product.** Failure to do so might cause fire, burns, injury, electric shock, etc.

#### WARNING

- Do not subject the equipment to strong force, impacts, or vibration such as letting it fall, stepping on it or throwing it.** Doing so might cause fire, burns, injury, electric shock, etc.
- Do not allow conductive materials (such as metal objects and pencil lead) to come into the connection terminal or charging terminal, or dust to get inside it.** Doing so might cause fire, burns, injury, electric shock, etc.
- Do not cover or wrap the equipment with a cloth or bedding in use or while charging.** Doing so might cause fire, burns, etc.
- If charging does not finish after specified time, stop charging.** Failure to do so might cause fire, burns, injury, etc. due to overcharge etc.
- Power off the product before you step into a place where flammable gas can leak, such as gas stations, or a place where dust is generated. Stop charging if you charge the internal battery.** Using the product in a place where flammable gas leaks might cause explosion, fire, etc.
- If you notice anything unusual about the equipment such as an unusual odor, abnormal noise, smoke generation, overheating, discoloration or deformation during operation, charging or storage, perform the following measures.**
  - Remove the power plug from the power outlet.
  - Power off the product.Failure to do instructions above might cause fire, burns, injury, electric shock, etc.

#### CAUTION

- Do not use damaged equipment.** Doing so might cause fire, burns, injury, etc.
- Do not place the product on an unstable or inclined platform.** Doing so might cause the device to fall etc. and cause injury.
- Do not use or keep in a place that is very humid, dusty, or subject to high temperature.** Doing so might cause fire, burns, electric shock, etc.
- If children use the product, parents or guardians should give them proper instructions and do not allow them to use the product in the wrong way.** Doing so might cause injury etc.
- Keep the equipment out of the reach of babies and infants.** Failure to do so might cause accidental ingestion, injury, electric shock, etc.
- Be careful when using the product continuously for a long time or charging because temperature of the product might become warm. Also, be careful not to touch it unintentionally for a long time when you fall asleep etc.** The product, internal battery, or charging equipment (sold separately) might become warm when using for a long time or while charging. If you are directly in contact with warmed part for a long time, it might cause a redness of skin, itch, rash, low-temperature burn etc. depending on your physical condition.

### Main unit

#### DANGER

- Do not throw the product into fire or apply heat.** Doing so might cause fire, burns, injury, etc. because of ignition, burst, heat or leaking of the battery.
- Do not put excessive force such as sticking a nail (sharp object) into the product, hitting it with a hammer (hard object), or stepping on it.** Doing so might cause fire, burns, injury, etc. because of ignition, burst, heat or leaking of the battery.
- If the internal battery substance etc. contacts eyes, immediately rinse the eyes with clean water and see a doctor right away. Do not rub the eyes.** Failure to do so might cause blindness, etc. due to the effects of internal battery substance etc.
- If the display panel substance etc. contacts eyes or mouth, immediately rinse the eyes with clean water and see a doctor right away.** Failure to do so might cause blindness, medical problem, etc. due to effects of display panel substance etc.

#### WARNING

- Do not allow liquids such as water, metal pieces, burnable items, and other foreign objects to get inside the Micro IC Card slot.**
  - Do not insert au IC card into wrong slot, or insert it in wrong orientation.** Doing so might cause fire, burns, injury, electric shock, etc.
- Power off the product before boarding an airplane.** Use of mobile devices on board is restricted. Follow the instructions of each airline. Failure to do so might adversely affect on-board electronic equipment. Prohibited acts related to mobile device usage on an airplane might be punished by law.
- Follow the instructions of each medical facility for the use of mobile devices on their premises.** Power off the product in a place where the use is prohibited. Failure to do so might affect electronic devices or electronic medical equipment.
- If you are wearing any electronic medical equipment, check with the relevant medical electronic equipment manufacturer or vendor whether the operation might be affected by radio waves.** The radio waves from the product might affect electronic medical equipment etc.
- Power off the product near electronic devices or equipment operating on high precision control or weak signals.** Failure to do so might interfere with the operation of electronic devices or equipment.  
\*The following are some electronic devices or equipment that you should be careful of:  
Hearing aids, implantable cardiac pacemaker, implantable cardioverter defibrillator, other electronic medical equipment, and other automatically controlled devices or equipment. If you use an implantable cardiac pacemaker, implantable cardioverter defibrillator, or other electronic medical equipment, check with the medical electronic equipment manufacturer or vendor whether the operation can be affected by radio waves.

- Be careful about broken glasses or exposed internal part of the product if the display panel is broken.** Touching damaged or exposed part might cause burns, injury, electric shock, etc.

- If the internal battery leaks or gives off a strange smell, immediately remove it from the vicinity of open flames.** The leaking liquid might ignite fire, catch fire, explode etc.

- Be careful not to allow a pet etc. to bite the product.** Doing so might cause fire, burns, injury, etc. because of ignition, burst, heat or leaking of the internal battery.

#### CAUTION

- If the display panel is damaged and when the internal substance runs out, do not get it on your skin such as face, hands, or cloths etc.** Doing so might cause blindness, injury on your skin, etc. If the internal substance etc. gets into your eyes or mouth, or contacts skin or clothes, immediately rinse the contacted area with clean running water. If the fluid gets into the eyes or mouth, immediately see a doctor after rinsing.
- Do not discard the product together with general garbage.** Doing so might cause fire, burns, injury, etc. due to ignition. Also, it might cause environmental destruction. Bring the unnecessary product into a sales outlet such as au Shop. If your local municipality has a recycling program, dispose of them as provided for.
- If the substance etc. leaks out from the internal battery, do not make the fluid contact with your skin of face or hands, etc.** Doing so might cause blindness, injury on your skin, etc. If the internal substance etc. gets into your eyes or mouth, or contacts skin or clothes, immediately rinse the contacted area with clean running water. If the fluid gets into the eyes or mouth, immediately see a doctor after rinsing.

- To use the product in a car, check with automobile manufacturer or dealer to determine how the car device is affected by radio waves before using.** In rare cases, using the product in some vehicle models can cause the vehicle’s electronic equipment to malfunction. In that case, stop using the product immediately.

- If abnormalities on skin are developed by using the product, immediately stop using and take medical treatment. The use of the product might cause itching, rashes, eczema, or other symptoms depending on the user’s physical condition.** For material of each part, see “Material list”.

- Make sure not to get metal objects (blade of cutter, staples, etc.) adhered because magnetic parts are used on NFC of the product.** Such adhered objects might cause injury etc.

- Watch the display panel in an adequately bright place taking a certain distance from it.** Watching it in a dark place or closely might reduce visual acuity etc.

### Charging equipment

#### WARNING

- Do not use the specified charging equipment (sold separately) if the cord gets damaged.** Doing so might cause fire, burns, electric shock, etc.
- Do not use the specified charging equipment (sold separately) in a very humid place such as bathroom.** Doing so might cause fire, burns, electric shock, etc.
- Do not touch the specified charging equipment (sold separately) if you hear thunder.** Doing so might cause electric shock etc.
- Do not short-circuit the charging terminal while it is connected to a power outlet. Do not touch the charging terminal with your hands, fingers, or any part of your body.** Doing so might cause fire, burns, electric shock, etc.
- Do not place heavy objects on the cord of specified charging equipment (sold separately), or do not apply unreasonable force to the cord such as pulling.** Doing so might cause fire, burns, electric shock, etc.
- When you insert or remove the specified charging equipment (sold separately) to or from a power outlet, do not contact metal straps or other metal objects with the equipment.** Doing so might cause fire, burns, electric shock, etc.
- Do not connect a voltage converter for overseas travel (travel converter) to the specified charging equipment (sold separately).** Doing so might cause ignition, overheating, electric shock etc.
- Do not put excessive force to the connection part with the specified charging equipment (sold separately) connected to the product.** Doing so might cause fire, burns, injury, electric shock, etc.
- Do not touch the cord of specified charging equipment (sold separately), charging terminal, power plug with wet hands.** Doing so might cause fire, burns, electric shock, etc.
- Use the adapter only on the specified power supply and voltage.** When charging the product overseas, use the specified charging equipment for global use (sold separately). Using the incorrect power supply and voltage might cause fire, burns, electric shock, etc.  
AC adapter: 100V AC (Make sure to connect to a household AC power outlet.)  
AC adapter for global use: 100V to 240V AC (Make sure to connect to a household AC power outlet.)
- Clean dust from the power plug.** Using it with dust adhered might cause fire, burns or electric shock.
- When you connect the specified charging equipment (sold separately) to a power outlet, insert it firmly.** Insecure inserting might cause fire, burns, electric shock, etc.
- When you disconnect a power plug from an outlet, do not apply excessive force to it such as pulling the cord of specified charging equipment (sold separately). Instead, grasp the specified charging equipment (sold separately) to disconnect.** Pulling the cord of specified charging equipment (sold separately) might damage the cord and cause fire, burns, electric shock, etc.
- When plugging/unplugging the specified charging equipment (sold separately) into/from the product, plug/unplug it straightly toward the connecting terminal without applying excessive force such as pulling the cord etc.** Incorrect plugging/unplugging might cause fire, burns, injury, electric shock, etc.
- If the charging terminal is deformed such as being bent etc., stop using immediately. Do not use it with the deformation restored.** Failure to do so might cause fire, burns, injury, etc. due to short-circuit of the charging terminal.
- When you do not use the specified charging equipment (sold separately), disconnect the power plug from an outlet.** Keeping with the power plug connected might cause fire, burns, injury, electric shock, etc.
- Immediately remove a power plug from an outlet if liquids such as water (drinking water, sweat, seawater, urine of pet animals, etc.) come in.** Doing so might cause fire, burns, electric shock, etc.
- Before cleaning, remove a power plug from a power outlet.** Failure to do so might cause fire, burns, electric shock, etc.

#### CAUTION

- Do not touch the specified charging equipment (sold separately) for a long time when it is connected to a power outlet.** Doing so might cause burns etc.

### USB3.0TypeC-A cable (sample)

#### WARNING

- Do not use the cable if the cord is damaged.** Doing so might cause fire, burns, electric shock, etc.
- Do not use the cable in a very humid place such as bathroom.** Doing so might cause fire, burns, electric shock, etc.
- Do not touch the cable if you hear thunder.** Doing so might cause electric shock etc.
- Do not short-circuit the terminal while it is connected to a PC etc. Do not touch the terminal with your hands, fingers, or any part of your body.** Doing so might cause fire, burns, electric shock, etc.
- Do not place heavy objects on the cord of cable or do not apply unreasonable force to the cord such as pulling.** Doing so might cause fire, burns, electric shock, etc.
- When you connect or disconnect the cable, do not contact metal objects such as metal accessories.** Doing so might cause fire, burns, electric shock, etc.
- Do not put excessive force to the connection part of the cable while the cable is connected to the product, a PC, etc.** Doing so might cause fire, burns, electric shock, etc.
- Do not touch the cable or the terminal with wet hands.** Doing so might cause fire, burns, electric shock, etc.
- Clean dust from the terminal.** Using it with dust adhered might cause fire, burns, electric shock, etc.
- When connecting the cable to the product, a PC, etc., insert the plug or connector firmly.** Insecure connection might cause fire, burns, electric shock, etc.
- When you disconnect the cable from the product, a PC, etc., do not apply excessive force to it such as pulling the cord. Instead, grasp the connector to disconnect.** Pulling the cord of cable might damage the cord and cause fire, burns, electric shock, etc.
- Connect/disconnect the cable straight to/from the connection terminal without applying excessive force to the cord such as pulling.** Failure to do so might cause fire, burns, injury, electric shock, etc.
- Stop using immediately if the connection terminal is deformed such as being bent. Do not use it with the deformation restored.** Failure to do so might cause fire, burns, injury, electric shock, etc. due to short-circuit of the connection terminal.
- Disconnect the cable from the product, a PC, etc. when it is not used.** Keeping the cable connected might cause fire, burns, electric shock, etc.
- Immediately disconnect the cable from the product, a PC, etc. if liquid such as water (drinking water, sweat, seawater, urine of pet animals, etc.) comes in.** Failure to do so might cause fire, burns, electric shock, etc.
- Before cleaning, disconnect the cable from the product, a PC, etc.** Failure to do so might cause fire, burns, electric shock, etc.
- If abnormalities on skin are developed by using the product, immediately stop using and take medical treatment. The use of the product might cause itching, rashes, eczema, or other symptoms depending on the user’s physical condition.** For material of each part, see “Material list”.

#### CAUTION

- Do not touch the cable for a long time when it is connected to the product, a PC, etc.** Doing so might cause burns etc.

- If abnormalities on skin are developed by using the USB3.0TypeC-A cable (sample), immediately stop using it and take medical treatment. The use of it might cause itching, rashes, eczema, or other symptoms depending on the user’s physical condition.** For material of each part, see “Material list”.

### au IC card

#### CAUTION

- Be careful of the cut surface not to hurt your body parts such as fingers when handling the au IC card.** Failure to do so might cause injury.

### Using near medical equipment or in healthcare facilities

#### WARNING

- If you have electronic medical equipment such as an implantable cardiac pacemaker or an implantable cardioverter defibrillator, carry or use the product 15 cm or more away from the implant at all times.** The radio waves from the product might have harmful effects on the operation of electronic medical equipment.
- If you need to use electronic medical equipment other than implantable cardiac pacemaker or implantable cardioverter defibrillator outside medical facilities such as treating at home, consult the relevant electronic medical equipment manufacturer for effects on the equipment by radio waves.** The radio waves from the product might have harmful effects on the operation of electronic medical equipment.
- 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 (power off, etc.).** A person in close proximity may be equipped with electronic medical equipment such as an implantable cardiac pacemaker or an implantable cardioverter defibrillator. The radio waves from the product might have harmful effects on the operation of electronic medical equipment.
- Follow the instructions given by the respective medical facility regarding the use of the product on their premises.** Failure to do so might have effects on the operation of electronic medical equipment.

### Material list

	Part	Material <Surface treatment>
Main unit	Display panel (Touch panel)	Glass
	Exterior case	PC resin <coating>
	Power button	PC resin <coating>, TPU resin
	Micro IC Card slot cover	Outside: PC resin <coating> Inside: TPU resin
USB3.0TypeC-A cable (sample)	USB cable	PVC resin
	USB plug (Shield)	Iron <Nickel plating>, PBT resin
	USB plug (Resin part)	PVC resin
	USB Type-C plug (Shield)	Stainless <Nickel plating>, LCP resin
	USB Type-C plug (Resin part)	PVC resin

## Handling precautions

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

### Precautions common to the main unit, charging equipment, au IC card, USB3.0TypeC-A cable (sample), 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 panel or internal circuit board resulting in a malfunction. If a cable is connected to the external connection terminal in such a condition, the connector might be damaged 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 5℃ to 35℃ and humidity range of 35% to 85%)
- Do not use in places subject to lots of dust or vibration.** Doing so might cause a malfunction.
- Clean the external connection terminal 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 terminal to prevent deformation.**
- Clean the product with a soft dry cloth (such as used for cleaning eyeglasses). Forceful rubbing with a dry cloth may scratch the display panel. The display panel may become stained if water or dirt is kept on the surface. Wiping the product using alcohol, thinner, benzene, detergent, glass cleaner, etc. might erase the printing on the outer casing resulting in a malfunction.**
- Use as far away as possible from land-line phones, TVs and radios.** Use nearby might affect them.
- The product might become warm while charging, etc. 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 might cause a malfunction.
- Do not use outside when you can hear thunder.** Doing so might risk lightning strikes and electric shock.
- Be sure to use only specified charging equipment.** Use of other charging equipment might cause a malfunction.
- Do not put the product in a cooking apparatus such as microwave oven or a pressure vessel.** Doing so might cause a malfunction.
- The customer is not allowed to disassemble, modify or repair the product.** Doing so might cause a malfunction. Modification of the product is in violation of the Radio Law and Telecommunications Business Act.
- Do not allow a part of your body such as fingers or conductive foreign objects (metal fragments, pencil leads, etc.) to come into contact with or get inside of the connection terminal to avoid short-circuit. Doing so might cause a malfunction.**
- Do not splash liquid such as water on the product. Also, never use in humid places such as bath areas, or use with wet hands.** Doing so might cause a malfunction due to short-circuit or corrosion of electronic circuits.
- In the event that the product gets wet while charging, immediately disconnect the power plug of specified charging equipment (sold separately).**
- Malfunctions caused by wetting with water or humidity are not covered by the warranty and charges will be incurred for repairs.**
- Do not use the product while driving a car or motorbike, riding a bicycle, or walking.** Use of a mobile device while driving a car or motorbike is prohibited by law. Use of a mobile device while riding a bicycle might be punishable by some regulations.
- Using or charging the product in a bag or while it is covered with bedding might cause a malfunction.**

- When charging equipment, a PC etc., insert/remove the connector straight to/from the product.** Make sure the orientation of the connector is correct. Unless it’s correct, it might cause a malfunction.
- Do not store the product in places subject to direct sunlight (e.g. in a car), places that get hot, places that get extremely cold, and in humid or dusty places.** Doing so might cause a malfunction.

- Do not place the product on an unstable or inclined platform.** Dropping the product might cause a malfunction.

- Do not exceed the rating of a power outlet or wiring device when charging the product, for example, by starburst connection etc.**

### Main unit

- Since the battery is built into the product, you cannot replace it yourself.** For replacing the battery, contact an au shop or Customer Service Center.
- Do not forcefully press, tap or intentionally subject the display panel 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 panel 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.
- Never use modified the product.** Use of a modified device violates the Radio Law and Telecommunications Business Act. The product obtains a technical standards conformity certification of specified wireless equipment based on the Radio Law and a technical standards conformity approval based on the Telecommunications Business Act, and as a proof, you can check the “Technical Conformity Mark ” with the product. To display the mark, in the Home screen, tap “Settings” → “About” → “Certification”. If the screws of the product are removed and modifications are made to the internal components, the certification of conformity with technical regulations will become invalid. Never use the product without the valid certification. Doing so violates 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 might cause a malfunction.** Putting a strong magnetism close to the product might cause false operation.
- Do not bring magnetized cards such as cash cards, credit cards and pre-paid cards closer to the product.** Doing so might cause loss of the recorded data.
- When you put the product in your pocket or bag, take care so that the display panel 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 panel by using a strap whose metal or other hard part comes in contact with the display panel.
- 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 such conditions, the humidity might cause corrosion or a malfunction.**
- Use the product with the Micro IC Card slot cover closed.** If you use with the Micro IC Card slot cover open, dust or water might get inside causing a malfunction.
- Do not allow liquids, metal objects, or other foreign objects to get inside of the au IC card slot.** Doing so might cause a malfunction.
- Do not give strong impact on the product such as dropping, throwing, stomping.** Doing so might cause a malfunction.
- Do not place the product directly on a sandy beach, etc. Sand etc. might get inside the product causing a malfunction.**



## Touch Panel

- Do not put stickers or sheets (e.g. commercially available protective films, peep prevention sheets) on the display panel. Doing so might hinder correct 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



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

- Use 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. That also shorten the internal battery life. Try to use the internal battery as far as possible at room temperature.

- The internal battery gradually discharges after charging even if the product is not used. The internal battery might discharge completely after long time no use. Charge before using.

- The internal battery is a consumable part. If the performance of a battery does not recover (e.g. the usable time after each charge has become extremely short), the battery is at the end of service life, so stop use. Battery is built into the product. For repair, the product must be collected to au shop etc. and charges will be incurred. And you may not use the product during certain period of time. 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 their 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 wrap the cord of the specified charging equipment (sold separately) around the adapter itself. Do not bend connection part of charging equipment and power plug forcibly. Do not place heavy objects on a cord of adapter or power cable, or do not apply unreasonable force to the cord such as pulling. Doing so might cause a malfunction.

- Hold the power plug of the specified charging equipment when removing from an outlet. If you pull the cable, the cable might be damaged.

## USB3.0TypeC-A cable (sample)

- Do not bend the connection part of the plug of the cable and the product, a PC, etc. forcibly. Do not place a heavy object on the cord of cable or apply unreasonable force such as pulling. It might cause a malfunction.

- For disconnecting the cable from the product, a PC, etc., grasp the plug. Pulling the cord might damage the cable.

## au IC card

- Do not forcibly remove or insert the au IC card. Be careful not to exert excessive force when inserting the card into the product.

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

- Do not put a sticker etc. on au IC card.

- Do not insert the au IC card with a conversion adapter. Doing so might cause a malfunction.

- Do not damage the card by using the product in a hot place, dropping into fire, contacting to the metal parts with foreign object, giving an impact, bending, applying load, etc. Doing so might cause loss of data or a malfunction.

## Copyrights & portrait rights

- You are not allowed to copy, distribute, publish, modify or edit the data you downloaded using the product 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 the consent, as it might infringe on rights of portrait.

## Backup content on the product

- Please back up important content you registered to the product. Content recorded to the memory of the product might disappear or be altered by unexpected factors, such as static electricity or a malfunction, repair, mishandling, etc.

# Notes on using Bluetooth®/Wireless LAN (Wi-Fi®) functions

- The Bluetooth® function and wireless LAN (Wi-Fi®) function of the product conforms to domestic wireless standards in Japan, FCC standards, and EC directives and have been certified.
- Use 5 GHz band wireless LAN (Wi-Fi®) function of the product in Japan. The 5 GHz band wireless LAN (Wi-Fi®) function of the product conforms to domestic wireless standards in Japan, and has been certified. Use of it overseas may be subject to punishment by law.
- The 2.4 GHz band used by wireless LAN (Wi-Fi®) or Bluetooth® devices is operated by various other devices. For this reason, the communication speed and connectable range may be decreased, or disconnection may occur, due to interference by other devices.
- Do not use the product in places near electric products, AV and OA equipment or other magnetized devices, or where electromagnetic waves are generated.
- Subjecting the product to magnetic or electrical noise might increase noise and hinder the communications. (The product is particularly susceptible to noise when it used near a microwave oven.)
- Using the 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 to the product or the same channel is being used.
- Use of electric devices on board is restricted. Follow the instructions of each airline company.
- The communication speed and connectable range vary depending on the distance between communication devices, obstacles and the devices used.

## Cautions on using 2.4 GHz band

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

\*The product cannot perform data communication using Bluetooth® function.

- 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 emission of radio waves).
- If you are unclear on any points or are troubled by anything, contact an au shop or Customer Service Center.
- Connections between the product and all Bluetooth®/wireless LAN (Wi-Fi®) devices have not been confirmed. Therefore, connections with all Bluetooth®/wireless LAN (Wi-Fi®) devices are not guaranteed.
- The product supports security features for wireless communications that are compliant with the 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 wireless LAN (Wi-Fi®) function.
- 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. You are recommended to configure security settings before using it at your decision and responsibility.
- The Company assumes no responsibility for leakage of data or information that may occur during wireless LAN (Wi-Fi®) communication.
- Since Bluetooth® and wireless LAN (Wi-Fi®) functions use the same frequency band, using the both functions at the same might 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.

Bluetooth® function and wireless LAN (Wi-Fi®) function of the product use 2.4GHz band.

<b>2.4 XX8/DS4/OF4</b>
<span></span>

- Bluetooth® function

The product uses the 2.4 GHz band. XX8 is used as the other modulation scheme. The interference distance is about 80 m or less. This means that all bandwidths are used, and that bands of mobile unit identification devices can be avoided.
- Wireless LAN (Wi-Fi®) function

The product uses the 2.4 GHz band. DS-SS and OFDM are used as the modulation schemes. The interference distance is about 40 m or less. This means that all bandwidths are used, and that bands of mobile unit identification devices can be avoided.

Available channels differ depending on the country.

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

## Cautions on using 5 GHz band

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

The channels used on the product are as follows.

W52 (5.2 GHz band/36, 40, 44, 48 ch)

W56 (5.6 GHz band/100, 104, 108, 112, 116, 120, 124, 128, 132, 136, 140 ch)

<span></span>
IEEE802.11b/g/n
IEEE802.11a/n/ac
IEEE802.11r
IEEE802.11k
IEEE802.11v
IEEE802.11m
IEEE802.11s
IEEE802.11e
IEEE802.11d
IEEE802.11f
IEEE802.11g
IEEE802.11h
IEEE802.11j
IEEE802.11l
IEEE802.11m
IEEE802.11n
IEEE802.11p
IEEE802.11q
IEEE802.11r
IEEE802.11s
IEEE802.11t
IEEE802.11u
IEEE802.11v
IEEE802.11w
IEEE802.11x
IEEE802.11y
IEEE802.11z
IEEE802.11aa
IEEE802.11ab
IEEE802.11ad
IEEE802.11af
IEEE802.11ah
IEEE802.11ai
IEEE802.11aj
IEEE802.11ak
IEEE802.11al
IEEE802.11am
IEEE802.11an
IEEE802.11ax
IEEE802.11ba
IEEE802.11bc
IEEE802.11bd
IEEE802.11be
IEEE802.11bh
IEEE802.11bi
IEEE802.11bj
IEEE802.11bk
IEEE802.11bl
IEEE802.11bm
IEEE802.11bn
IEEE802.11bo
IEEE802.11br
IEEE802.11bs
IEEE802.11bt
IEEE802.11bu
IEEE802.11bv
IEEE802.11bw
IEEE802.11bx
IEEE802.11by
IEEE802.11bz
IEEE802.11ca
IEEE802.11cb
IEEE802.11cc
IEEE802.11cd
IEEE802.11ce
IEEE802.11cf
IEEE802.11cg
IEEE802.11ch
IEEE802.11ci
IEEE802.11cj
IEEE802.11ck
IEEE802.11cl
IEEE802.11cm
IEEE802.11cn
IEEE802.11co
IEEE802.11cp
IEEE802.11cq
IEEE802.11cr
IEEE802.11cs
IEEE802.11ct
IEEE802.11cu
IEEE802.11cv
IEEE802.11cw
IEEE802.11cx
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