

# Notes on usage



## Speed Wi-Fi NEXT WX02

Technically Certified

After reading, keep this manual in a safe place for quick reference.

### Precautions upon Use

**Do not wrap the USB cable or AC adapter (sold separately) around the unit while they are plugged into the unit.**

Undue force continuously applied to the plug may cause failures.



Refrain from wrapping the cable and remove it instead.

### Exemptions

- The Company is not liable for any damages arising from earthquakes, lightning, storms, floods or other natural disasters, as well as fires, actions by third parties, other accidents, intentional or mistaken operation 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 describing content, loss of business income, disruption of business, etc.) arising from the use of or inability to use the product.
- The Company is not liable for any damages arising from failure to observe the described content of the "Instruction Manual".
- The Company is not liable for any damages arising, for example, from malfunction caused by combination with connected devices or software not related to the Company.
- The settings and other stored 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 the loss of data. It is recommended you keep a copy of important data on your PC's hard disk, etc. Whatever the cause of the defect or malfunction may be, the Company assumes no responsibility for alteration or loss of saved data.
- Contents saved in this product might be altered or lost due to accidents, faults, repair, or mishandling. Be sure to keep a copy of important contents. Note that The Company assumes no responsibility for any damages or lost profits resulting from altered or lost contents.

\* "The Company" as appears in this manual refers to the following companies.  
Sold by: KDDI CORPORATION, OKINAWA CELLULAR TELEPHONE COMPANY  
Manufactured by: NEC Platforms, Ltd.

### Safety Precautions (Observe Strictly)

**Before using this product, thoroughly read these safety precautions for proper use. After reading, store the precautions in a safe place.**

These "Safety Precautions" describe instructions that should be observed to prevent damage to property or injury to the customer or others using the product.

When the product is used by a child, parents or guardians should thoroughly read the "Instruction Manual" (this manual) and teach the child how to use it.

These instructions are divided into the following categories.

#### Explanation of indications used in this manual

|  |                |  |
|--|----------------|--|
|  | <b>DANGER</b>  | This symbol indicates the potential and imminent danger of death or serious injury <sup>(1)</sup> to a person who mishandled the product.                |
|  | <b>WARNING</b> | This symbol indicates the potential and imminent danger of death or serious injury <sup>(1)</sup> to a person who mishandled the product.                |
|  | <b>CAUTION</b> | This symbol indicates the possibility of personal minor injury <sup>(2)</sup> to a person who mishandled the product or physical damage <sup>(3)</sup> . |

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

#### Precautions Common to the Main unit, Battery pack, Charging equipment, au Micro IC Card (LTE) and Peripheral devices

**DANGER** Be sure to read the following hazards before use.

- Be sure to use only the specified peripheral devices. Use of other peripheral devices might cause overheating, fire, rupture, fault, or leakage of liquid.
- Do not use, store or leave the product in hot places (e.g. by the fire, near a heater, under a kotatsu, in direct sunlight, in a car in the hot sun). Doing so might cause ignition, rupture, fault, fire or injury.
- Do not put the product in a cooking apparatus such as microwave oven or a pressure vessel. Doing so might cause ignition, rupture, fault, fire or injury.
- Do not throw the product into a fire or heat it. Doing so might cause fire, rupture or a fire.

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

**WARNING** Be sure to read the following warnings before use.

- Before entering an area where flammable gas is generated such as a gas station, be sure to turn off the product and stop charging the battery. Failure to do so might cause the gas to catch fire.
- When using metal accessories, etc., make sure not to allow the metal part to come in contact with the connection terminals or power outlet. Doing so might cause electric shock, fire, injury or a fault.
- Do not drop or subject the unit to strong impact such as throwing. Doing so might cause a rupture, overheating, fire, or a fault.
- Do not use the unit outside when you can hear thunder. Doing so might risk lightning strikes and electric shock.
- Do not short-circuit the connection terminals. Do not allow your fingers, other parts of the body, and conductive foreign objects (metal fragments, pencil leads, etc.) to come into contact with or get inside the connection terminals. Doing so might cause a fire, burns, a fault due to heat generation.
- If the product is damaged because it is dropped, etc., and its display is cracked or internal parts are exposed, do not touch the cracked display or exposed parts with your hands. Doing so might cause electric shock or injury from damaged parts. Please contact the WiMAX operator to whom you subscribe.
- If the wet product is charged, electric shock, short circuit, or corrosion may occur and overheating may cause fire, malfunctions or burns.

- Do not splash with water or other liquids. Also, never use in places subject to direct splashing with water or pet urine, etc. or in humid places such as bath areas, or use with wet hands. Doing so might cause electric shock or fault from short-circuiting or corrosion of electronic circuits. In the event that the product is splashed with liquid, immediately disconnect the AC adapter's (sold separately) power plug. Faults caused by wetting with water or humidity are not covered by the warranty and charges will be incurred for repair. Please contact the WiMAX operator to whom you are subscribed.
- Do not operate the product while driving an automobile or motorized bicycle, riding a bicycle or walking. It may cause a car accident or fall-accident.
- If charging is not completed after the specified charging time, stop charging. Failure to do so might cause leakage of liquid, overheating, rupture or fire.
- Do not leave in places within the reach of small children. Small children might swallow small parts, etc. by mistake and choke on them, or might drop them by mistake and cause accidents or injury.
- Do not cover or wrap the product with bedding, etc. while using or charging the product. Doing so might cause a fire, fault or injury.
- When using an AC adapter or external device, insert/remove the connector straight to/from the terminal. Make sure the orientation of the connector. Unless it's correct, it may cause overheating, fire, damage or a fault.

**CAUTION** Be sure to read the following cautions before use.

- When removing the rear cover, do not exert more than necessary force. The battery pack might jump out, for example, and cause injury or a fault.
- Do not store the product in places subject to direct sunlight (e.g. in automobiles), places that get hot, places that get extremely cold, and in humid or dusty places. Doing so might cause overheating, deformation or a fault.
- Do not leave on unstable places such as shaky stands or tilting surfaces. Dropping the product may cause injury or damage. Also, pay sufficient attention to impact, etc. Failure to do so might cause a fault or injury.
- The product may become hot when using the product for a long time or when connected to an external power source. Do not touch the product or the specified charging equipment for a long time. Doing so might cause low-temperature burns. In addition, do not cover or wrap the product with paper, cloth, or bedding. Doing so might cause a fire, injury or fault.
- When charging the product, do not use power outlets or a wiring apparatus beyond its rating. Also, exceeding rating, for example, by connecting multiple devices to a single power strip might cause overheating and fire.
- Do not use the product with the rear cover removed. In addition, do not leave or store the product. Doing so might allow dust or other foreign objects to get inside and cause a fault.
- Do not place near corrosive chemicals or in places where corrosive gas is generated. Doing so might cause a fault or loss of internal data.
- Do not use if there is smoke, abnormal odor or noise, excessive overheating, or other abnormalities. If an abnormality occurs, disconnect the specified charging equipment (sold separately) from the power outlet, make sure that the product is not overheating before turning the power off or removing the battery, and contact the WiMAX operator to whom you are subscribed. Also, if you have dropped or damaged the product, do not continue to use it in that state, and contact the WiMAX operator to whom you are subscribed.

#### Main unit

**WARNING** Be sure to read the following warnings before use.

- Follow the instructions of each medical facility for the use of the product on their premises. Turn the product off in a place where the use is prohibited. Failure to do so may affect electronic equipment and electronic medical equipment.
- Use of the product on board is restricted. Follow the instructions of each airline. Prohibited acts related to the product usage on an airplane may be punished by law.

**CAUTION** Be sure to read the following cautions before use.

- Use of the main unit in an automobile might sometimes affect on-vehicle electronic devices, though this rarely happens. If this happens, stop its use since this may impair safe travel.

- If you feel any abnormality with your skin, immediately consult a dermatologist. Itching, rashes, eczema, etc. sometimes occurs depending on your physical constitution and condition. The materials of parts used on the product are as follows.

| Component                                      | Material <Surface treatment>               |
|--|--|
| <b>&lt;Speed Wi-Fi NEXT WX02 main unit&gt;</b> |  |
| Display panel assembly                         | PMMA                                       |
| Exterior case                                  | PC resin <coating>                         |
| POWER button                                   | PC resin                                   |
| SET button                                     | PC resin                                   |
| SELECT button                                  | PC resin                                   |
| Rear cover                                     | PC resin <coating>                         |
| <b>&lt;microUSB cable&gt;</b>                  |  |
| Cable (jacket)                                 | PVC resin                                  |
| USB connector (shielded part)                  | Iron <nickel plated>, PBT resin            |
| USB connector (resin part)                     | PVC resin                                  |
| microUSB connector (shielded part)             | Stainless steel <nickel plated>, LCP resin |
| microUSB connector (resin part)                | PVC resin                                  |
| <b>&lt;Battery pack&gt;</b>                    |  |
| Exterior (resin part)                          | PC resin                                   |
| Exterior (label)                               | PET  |
| Connection terminal                            | PCB <gold plating>                         |

- Do not allow liquids, metal objects, burnable items, and other foreign matter to get inside the SIM card slot. Failure to do so might cause fire, electric shock, injury or a fault. If a foreign object comes into the slot, please contact the WiMAX operator to whom you subscribe.
- Do not swing the product around by holding the hand strap, etc. Doing so might cause an accident or damage.
- Do not put the product directly on sand at a beach, etc. Sand or other small particles might get inside the product through the microUSB port or elsewhere. If sand gets inside the product's main unit, it might cause overheating or a fault.

#### Battery pack



**(The battery pack of this product is a lithium-ion battery.)**

The battery pack is not fully charged at the time of purchase. Charge the battery before using the product. Charge the battery before using the product for the first time after purchase, or if you have not used the product for a long time.

**DANGER** Be sure to read the following hazards before use.

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

- Connect the battery pack to this product in the correct orientation. Connecting in an incorrect orientation might cause a rupture, fire or overheating. Do not try to forcibly connect the battery pack, instead thoroughly check the connection terminals carefully before connecting.
- Do not puncture the battery pack with a nail, hit it with a hammer or step on it. Doing so might cause fire or damage.
- Do not allow metal objects (such as necklaces and hairpins) to come in contact with the connection terminals when carrying or storing the battery pack. Doing so might cause a fire, overheating, liquid leakage, or a fault due to a short circuit.
- Do not disassemble, modify or directly solder the battery pack. Doing so might cause spilling of the battery liquid resulting in an accident such as loss of eyesight if it gets into the eyes, or cause overheating, injury, fire or rupture.
- Do not use a battery pack that has been dropped, stepped on, damaged, or leaking battery liquid. Doing so might cause overheating, ignition, liquid leakage, rupture, fault or injury. Immediately move the battery pack away from fire if you notice leakage of liquid or unusual odor. Failure to do so might cause the leaked liquid to catch fire resulting in fire, liquid leakage, injury or rupture.
- Do not wet the battery pack with water, seawater, pet urine, etc. A wet battery pack might cause overheating, injury, rupture or fire. If you drop the product into water by mistake, immediately turn off the power, remove the battery pack, and contact the WiMAX operator to whom you are subscribed. Never charge the wet battery pack.
- If the leaked liquid gets on your skin or clothes, immediately rinse it off with water to avoid injury. If the liquid gets into your eyes, do not rub, but after you wash your eyes with water, and immediately consult a doctor to avoid the risk of losing your eyesight. If the liquid gets on a device, wipe it off without touching it.
- The battery pack is a consumable item. If the performance of a battery pack does not recover (e.g. the usable time after each charge has become extremely short), the battery pack is at the end of service life, so stop its use and buy a new one of the specified type. Failure to do so might cause overheating, fire, rupture or leakage. Note that the length of service life varies depending on the usage condition, etc.
- Be careful not to have the battery pack bitten by your pet. It might cause liquid leakage, overheating, rupture, fire, injury or ignition of the battery pack.

#### Charging equipment

**WARNING** Be sure to read the following warnings before use.

- Do not use at other voltages than the specified power supply voltage. Doing so might cause fire, overheating, injury or electric shock. Use only an AC adapter (sold separately) designed for Japanese household use that is compatible with AC100V to AC240V (50/60 Hz).
- Firmly insert the plug of the specified charging equipment (sold separately) into the power outlet down to the base of its pins. Incomplete insertion of the power plug might result in electric shock or fire caused by overheating, injury and fire. Do not use the specified charging equipment (sold separately) damaged or loose power outlets.
- Do not damage, modify, twist, pull or place a heavy object on the power cord of the specified charging equipment (sold separately). Do not use a damaged cord. Doing so might cause an electric shock, injury, short circuit or fire.
- If you hear thunder, do not touch the specified charging equipment (sold separately). Doing so might cause an electric shock as a result of a lightning strike.
- Before cleaning the specified charging equipment (sold separately), unplug its power plug from the outlet. If the plug remains plugged in when you clean the equipment, it might cause an electric shock or short circuit.
- Wipe off dust on the power plug. Failure to do so might cause fire, burns or electric shock.

- When the AC adapter is not to be used for a long time, disconnect the AC adapter's power plug of the specified charging equipment (sold separately) from the power outlet. Failure to do so might cause fire or a fault.
- Do not use in places subject to direct splashing of water, pet urine or other liquids. Doing so might result in faults and injury resulting from overheating, fire, electric shock, or short-circuiting of electronic circuits. In the event that the product is splashed with liquid, immediately disconnect the AC adapter's power plug of the specified charging equipment (sold separately).
- When not using the specified charging equipment (sold separately), remove the plug from the power outlet. Do not wrap the cord of the specified charging equipment (sold separately) around the adapter itself. Doing so might cause electric shock, overheating, fire, fault or injury.
- Do not forcibly bend the charging equipment's plug or the connection between the connector and power cord. Doing so might cause electric shock, overheating, fire, fault or injury.

**CAUTION** Be sure to read the following cautions before use.

- Do not use in humid places such as bath areas, or connect/disconnect the specified charging equipment (sold separately) with wet hands. Doing so might cause electric shock, injury or a fault.
- When unplugging the plug of the specified charging equipment (sold separately) from the power outlet, hold and pull the power plug. If you pull the cord, the cord might be damaged.
- Do not leave the specified charging equipment (sold separately) connected to the main unit with the battery pack removed. Doing so might cause fire, injury or electric shock.

#### au Micro IC Card (LTE)

**CAUTION** Be sure to read the following cautions before use.

- Be careful not to injure your hand or finger when attaching/removing the au Micro IC Card (LTE).
- Do not damage the card (use in places that get hot, drop the product in fire, allow the metal part to come in contact, subject the product to impact, bending or imposing load, wet the product with water, etc.). Doing so might cause loss of data or a fault.
- Do not store the card in places subject to direct sunlight, places that get hot, or in dusty places. Doing so might cause a fault.
- Store the au Micro IC Card (LTE) out of reach from small children. Failure to do so might cause injury or asphyxiation, etc. if they accidentally swallow and choke on it.

#### Precautions when using near medical devices and medical facilities

**WARNING** Be sure to read the following warnings before use.

- When using the product near an implanted pacemaker, implanted cardioverter-defibrillator or other electronic medical device, radio waves might affect these units and devices. So, please observe the following.
  - 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.
  - If a separation of at least 15 cm from where you use this product is difficult to attain due to being stuck physically or for any other reasons, it is advised that this product is turned off in advance as there may be individuals nearby with an implantable pacemaker or cardioverter-defibrillator in their body.
  - 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.
  - When using electronic medical devices other than an implanted pacemaker and implanted cardioverter-defibrillator outside a medical institution (e.g. home medical treatment), check individually with the manufacturer of the electronic medical device regarding the influence of radio waves.



## Handling Precautions

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

### Precautions Common to the Main unit, Battery pack, Charging equipment, au Micro IC Card (LTE) 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 malfunction. Keeping an external device connected to the external connection terminal might 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 5°C to 35°C and humidity range of 35% to 85%.)

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

●Clean the connection terminals with dry cotton swabs, etc. every now and then. Soiled terminals might cause poor connection. Do not apply strong force when cleaning connection terminals to prevent deformation.

●Clean the product with a soft dry cloth (such as the type used for eyeglasses). Forceful rubbing with a dry cloth may scratch the display. The display may be stained if splash or smear is left attached to the surface. Wiping the product using alcohol, thinner, benzene, detergent, etc. might erase the printing on the outer casing or cause discoloration.

●Use as far away as possible from landline phones, TVs and radios. Use nearby might affect them.

●The product may become warm during data communication or charging etc. depending on the situation, but this is not abnormal.

●If the product becomes warm when using, it may stop because of a protection feature. In that case, try to connect after a while.

●Turn off the power before removing the battery pack. If you remove the battery pack with the power on, saved data might be altered or lost.

#### Main unit

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

●Do not forcefully press your fingernails, sharp objects or hard objects against keys or display surface. Doing so might cause scratching or damage.

●Never use this product when it has been modified. Use of a modified device violates the Radio Law. This product has acquired the certification of conformity with technical regulations for the specified radio station based on the Radio Law, and the "Technical Conformity Mark ㊞" is confirmed on the product display as a certificate. 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.

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

●When you put the product in your pocket or bag, take care so that the display does not come in contact with metal objects or other hard objects, as it might cause scratching or damage. Also, be careful not to scratch or damage the display by using a strap whose metal or other hard part comes in contact with the display.

●When suddenly brought into a warm place from a cold place, or when in a humid location, or when used where temperature suddenly changes (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.

●When wiping the display, wipe with a soft, dry cloth. Use of a moistened cloth, glass cleaner or other similar liquid might cause a fault.

●When connecting/disconnecting the microUSB cable to/from the microUSB connector, make sure that the microUSB cable connector is straight with the microUSB connector.

●Note that applying unnecessary force with the microUSB cable connected to the microUSB connector might cause damage.

●Insert only an au Micro IC Card (LTE) into the SIM card slot on the product.

●Do not exert excessive force when attaching/removing an au Micro IC Card (LTE). Doing so might injure your hands or fingers.

●While writing/reading data to/from an au Micro IC Card (LTE), do not subject the product to vibration or impact, remove the battery pack or turn off the power. Doing so might cause loss of data or a fault.

#### OLED

●Although the OLED used on the product is made using high-precision technology, some pixels (dots) might be lit or out at all times. Or unevenness of brightness may be shown if looked at from different angles. Note that that is because of the properties of OLED, not a malfunction.

●Although lightning intensity of OLED can be decreased partly when the same image has been displayed for a long time, extreme continuous use is performed, etc., it is not abnormal because that is the characteristic of OLED.

●Exposing the OLED to direct sunlight may cause a malfunction. Take care when putting the OLED near a window or outdoors.

●A temperature increase in the product or a low charging battery level may adversely affect the brightness of the display.

#### Battery pack

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

●When the battery pack is not to be used for a long time, remove the rear cover and remove the battery pack from the main unit, and store it away from hot and humid places.

●Battery packs sometimes swell up as they approach the end of their service life. This is due to the properties of lithium-ion batteries, and is not a problem in terms of safety.

#### au Micro IC Card (LTE)

●Do not forcibly remove or insert the au Micro IC Card (LTE). Be careful not to apply excessive force when inserting the card into this product.

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

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

●Do not put stickers, etc. on the au Micro IC Card (LTE).

●Do not use an IC card with the card adapter. Doing so might cause a fault.

#### Copyrights and rights of portrait

●You are not allowed to copy, distribute, publish, modify or edit the data you downloaded from the Internet using this product without the consent of the copyright holder, except for personal use, under the copyright law. In addition, do not use or modify portraits or names of other individuals without their consent, as it might infringe on rights of portrait.

#### Backup content of the product

●Please back up important content recorded or downloaded on the product to an outside source. Content recorded to memory on the product sometimes disappears or is altered by unexpected factors, such as static electricity or a fault, repair, mishandling, etc.

## PIN

### PIN code

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

●If the PIN code is incorrectly entered three times consecutively, the PIN code will be locked. You can unlock the PIN code using PUK code.

• The PIN code is "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 the PIN code entry to be required as necessary. If you set the PIN code to be required, be sure to change the PIN code to your own number before using the product.

### PUK code

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

- The PUK code is an eight-digit number given at the time of purchase, which is printed on the back side of the plastic card on which your au Micro IC Card (LTE) 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 the WiMAX operator to whom you are subscribed.
- The "PIN code" is not reset by initializing the product.

## Notes on Using Bluetooth®/Wireless LAN (Wi-Fi) Functions

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

## 2.4 GHz Frequency Band Precautions

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

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

- The connections between this product and all other Bluetooth® and wireless LAN (Wi-Fi) devices have not been confirmed. Therefore, connections with all Bluetooth® and wireless LAN (Wi-Fi) devices 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 (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 wireless LAN at your decision and responsibility.

- 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 the both functions at the same 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.

Bluetooth® and wireless LAN (Wi-Fi) functions of this product use frequencies in the 2.4 GHz band.

• Bluetooth® function: 2.4FH1 This product uses the 2.4 GHz band. FH-SS is used as the modulation scheme. The interference distance is about 10 m or less.

• Wireless LAN (Wi-Fi) function: 2.4DS/OF4 This product uses the 2.4 GHz band. DS-SS and OFDM are used as the modulation schemes. The interference distance is about 40 m or less.

This means that all bandwidths can be used, and that band of mobile unit identification devices can be avoided. For use in an airplane, check with the airline company in advance.

|                        |   |  |
|------------------------|---|--|
| <b>2.4DS4/OF4/FH1</b>  | 2.4   | : Radio equipment that uses the 2.4 GHz band   |
|                        | DS4   | : An interference distance of up to 40m assumed for the DS-SS system   |
|                        | OF4   | : An interference distance of up to 40m assumed for the OFDM system  |
|                        | FH1   | : An interference distance of up to 10m assumed for the FH-SS system   |
| <b>IEEE802.11b/g/n</b> |  | : This means that the product uses all frequency bands and is incapable of avoiding the frequency band for mobile device identification equipment. |

- If you are using this product in the 2.4 GHz band, you are recommended to set channel setting to any of CH1, CH6, or CH11 to mitigate interference and increase frequency use efficiency. This shall not apply when you must use a setting other than the recommended CH1, CH6, or CH11 to avoid system interference other than wireless LAN (Wi-Fi).

## 5 GHz Frequency Band Precautions

Wireless LAN (Wi-Fi) function of this 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.

|                         |   |
|-------------------------|---|
| <b>IEEE802.11a/n/ac</b> | W52 (5.2 GHz band / 36, 40, 44, 48ch)   |
|                         | W53 (5.3 GHz band / 52, 56, 60, 64ch)   |
| <b>Wi-Fi</b>            | W56 (5.6 GHz band / 100, 104, 108, 112, 116, 120, 124, 128, 132, 136, 140 ch) |

\* W53 (5.3 GHz band) cannot be used (as of October, 2015).

## After-sales Service

### Performance parts for repair

The Company retains performance parts for repair of the Speed Wi-Fi NEXT WX02 main unit and its peripherals for 4 years after discontinuation of production.

"Performance parts for repair" refers to parts required for maintaining the functions of the product.

#### Warranty card

At the store of purchase, thoroughly check and read the name of the retailer, date of purchase and other necessary details filled in on the warranty card, and be sure to keep it in a safe place.

#### Troubleshooting

If you experience difficulty setting up an Internet connection even when the instructions in the "Setup Guide" and the "取扱説明書 詳細版 (Full Instruction Manual)" (Japanese) are followed, please check the following items.

#### Unable to connect to the Internet

- Make sure that you are located in a service area.
- The incoming signal strength may be low. Retry the connection in a location with a higher incoming signal strength.
- If the icon [WX2+] or [WX] does not show in the display, launch the Quick Setup Webpage to check that an Internet connection has been properly set up.

#### Communication is easily disrupted

- The incoming signal strength may be low. Check the radio reception level and move to a location for a higher incoming signal strength.
- Check the remaining battery level. If the remaining battery level is low, recharge the battery pack before reconnecting the product.
- Check to see if this product is properly connected to a PC or the like on a wireless LAN (Wi-Fi), Bluetooth®, or by a USB cable.
- If the product is connected to a PC or the like on a wireless LAN (Wi-Fi) or Bluetooth®, reboot the product.
- If there is radio interference from other networks, such as multiple access points having been set up in the vicinity, radio reception may be improved by changing "Channel Assignment" for this product.

#### Communication seems slow

- The connection destination may be congested. Allow for some time before retrying.

#### Introduction of related accessories

The types of peripheral devices that can be used to charge the product and connect it to a PC or the like are listed in the following table.

|                                      |          |                   |
|--------------------------------------|----------|-------------------|
| Battery pack                         | NAD31UAA | (sold separately) |
| WX02 cradle <sup>(*)1</sup>          | NAD32PUU | (sold separately) |
| AC adapter <sup>(*)2</sup>           | NAD11PQA | (sold separately) |
| Common AC adapter 03                 | 0301PQA  | (sold separately) |
| Common AC adapter 03 navy            | 0301PBA  | (sold separately) |
| Common AC adapter 03 green           | 0301PGA  | (sold separately) |
| Common AC adapter 03 pink            | 0301PPA  | (sold separately) |
| Common AC adapter 03 blue            | 0301PLA  | (sold separately) |
| Common AC adapter 05                 | 0501PWA  | (sold separately) |
| Common AC adapter 05                 | 0501PWW  | (sold separately) |
| AC adapter JUPITRIS (white)          | L02P001W | (sold separately) |
| AC adapter JUPITRIS (red)            | L02P001R | (sold separately) |
| AC adapter JUPITRIS (blue)           | L02P001L | (sold separately) |
| AC adapter JUPITRIS (pink)           | L02P001P | (sold separately) |
| AC adapter JUPITRIS (champagne gold) | L02P001N | (sold separately) |

|                         |         |                   |
|-------------------------|---------|-------------------|
| microUSB cable 01       | 0301HVA | (sold separately) |
| microUSB cable 01 navy  | 0301HBA | (sold separately) |
| microUSB cable 01 green | 0301HGA | (sold separately) |
| microUSB cable 01 pink  | 0301HPA | (sold separately) |
| microUSB cable 01 blue  | 0301HLA | (sold separately) |

Portable charger 02<sup>(\*)3</sup>

<sup>(\*)1</sup> When connecting this product to the WX02 cradle, refer to the WX02 クレードル (NAD32PUU) 取扱説明書 "Instruction Manual of the cradle" (Japanese).

<sup>(\*)2</sup> When charging this product, it is recommended that you use the AC adapter NAD11PQA (sold separately).

<sup>(\*)3</sup> Portable charger 02 (sold separately) may not charge this product sufficiently.

\* For an updated list of supported peripheral devices, please check with the WiMAX operator to whom you are subscribed.

#### au Micro IC Card (LTE)

The au Micro IC Card (LTE) is lent to you by au. In case of loss or damage, the card will be replaced at your expense. When a malfunction is suspected, or in case of theft or loss, contact the WiMAX operator to whom you are subscribed.

#### After-sales service

Please contact the WiMAX operator to whom you are subscribed.

## Software Used in This Product

This product includes software licensed under GNU General Public License (GPL) and/or GNU Lesser General Public License (LGPL). The user can obtain the source code of such software, and copy, distribute and modify the software according to the GPL and/or LGPL.

Refer to the WiMAX Support Information website for details.

## Specific Absorption Rate (SAR) of Data Communication Terminal

This model Speed Wi-Fi NEXT WX02 conforms to a state-formulated technical standard relating to the human body absorption of radio waves and international guidelines for radiation protection.

This data communication terminal is designed to conform to a state-formulated technical standard <sup>(\*)</sup> relating to the human body absorption of radio waves, and tolerable limits for radiation protection that are recommended by equivalent international guidelines. These international guidelines have been worked out by the International Commission on Non-Ionizing Radiation Protection (ICNIRP), a partner to the World Health Organization (WHO), and their tolerable limits allow for an adequate factor of safety, regardless of the user’s age or health conditions. The state-formulated technical standard and international guidelines establish such tolerable limits for radiation protection in terms of a specific absorption rate (SAR), which represents the average rate at which energy is absorbed by the human body. This data communication has a SAR limit setting of 2.0W/kg. If this data communication terminal is used under the conditions of normal use defined in this "Instruction Manual", the maximum SAR limit is 0.125 W/kg. Individual product models all address their respective SAR limits, which may vary slightly from one model to another. Because data communication terminals are designed to fill the minimum transmitting power requirement for communicating with base stations for cellular phones, etc., their SAR normally gets lower while they carry on communication actually. Generally, the closer to a base station a data communication terminal is located, the lower its output becomes.

When you communicate using this product, keep it at least 1.5 cm apart from your body, with no intervening metallic objects. This procedure has been verified to allow this data communication terminal to conform to the specifications of the state-formulated technical standard and the international guidelines for radiation protection.

The World Health Organization states: "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."

For more details, please visit the World Health Organization website.

http://www.who.int/docstore/peh-emf/publications/facts\_press/fact\_japanese.htm

To find out more about SAR, please visit the following websites.

Ministry of Internal Affairs and Communications website http://www.tele.soumu.go.jp/j/sys/e/e/index.htm
Association of Radio Industries and Businesses website http://www.arib-emf.org/01denpa/denpa02-02.html
NEC Platforms, Ltd. website

http://www.necat.co.jp/wimax/support/uqc/wx02/index.html

UQ Communications website

http://www.uqwimax.jp/signup/body\_s/

\* The technical standard is stipulated in Ordinance related to Radio Act (Radio Station Regulations Article 14-2).

## Export Administration Regulations

The products and accessories may be subject to the application of the Foreign Exchange and Foreign Trade Act and other related laws and regulations in Japan. In addition, the Export Administration Regulations (EAR) of the United States may be applicable. In cases of exporting or reexporting the products and accessories, customers are requested to follow the necessary procedures at their own responsibility and cost. Please contact the Ministry of Economy, Trade and Industry of Japan or the Department of Commerce of the United States for details about procedures.

## Trademark Notice

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All other company names and product names are trademarks or registered trademarks of respective companies referred to in this manual. The © mark and the TM mark may be omitted in this manual.

| Contact   |
|---|
| Please contact the WiMAX operator to whom you are subscribed. |



If the product is charged when wet, unusual overheating or damage by a fire may occur and it is very dangerous.