au
Instruction Manual

Setup Guide

Read this to connect and configure the product

Speed Wi-Fi NEXT WX05
Technically Certified

Preface

Thank you for buying the Speed Wi-Fi NEXT WX05 (simply called the "product" from here on).
Before using the product, be sure to read the "Setup Guide" (this manual) and the "Notes on usage" to ensure correct use.

List of Packaged Items

Before you start using the product, make sure that you have all the following items packaged with the product.

☐ Speed Wi-Fi NEXT WX05 (main unit)
☐ USB2.0 TypeC-A cable (sample)(GXE-000771)
　Use this to connect the product to a PC.

☐ Battery pack (NAD34UAAor NAD35UAA) *
　* One of these is included (product specifications are the same).

☐ つなぎかたガイド
　"Setup Guide" (Japanese)
☐ ご利用にあたっての注意事項（保証書付）
　"Notes on usage" (with warranty) (Japanese)

☐ Rear cover

* Keep the packaged items, including the warranty, in a safe place.
* An AC adapter is not included. Purchase the specified charging equipment (sold separately). For details, see "Related Accessories" in "Notes on usage".
* The illustrations of the product used in this manual are simulated images. They may differ from the actual product.

About the Instruction Manual

The "Setup Guide" (this manual) explains only the main operations and settings of the main functions for using this product. As an instruction manual related to the product, the "Setup Guide" (this manual), the "Notes on usage", and the "取扱説明書 詳細版 (Full Instruction Manual)" (Japanese) are available for download from the WiMAX Support Information website. In this manual, all such manuals are collectively referred to as the "Instruction Manual".
* A PDF version of the "取扱説明書 詳細版 (Full Instruction Manual)" (Japanese), in which the explanations of various functions are described in detail, is also included with this product.
　Connect the product to a PC or the like by means of wireless LAN (Wi-Fi®) or a USB2.0 TypeC-A cable, launch the web browser, type "http://192.168.179.1" in the address field and log in to the Advanced Settings on Quick Setting Web to view [情報 (Information)], and access [マニュアル (Manual)].
　(Refer to "Launch Quick Setting Web" in "**POINT3**" Configuring the Connection Destination Connecting Wide Area Network (WAN)" on the next page of this manual.)
* The PDF versions of the "Instruction Manual" can be downloaded from the au website.
　https://www.au.com/support/service/mobile/guide/manual/
* The PDF versions of the "Instruction Manual" can also be downloaded from the WiMAX Support Information website.
　https://www.necplatforms.co.jp/support/wimax/wx05/index.html

About the Notations in This Manual

■ Notes on Illustrations / Screenshots
* The screenshots and methods of operation in this manual are those when an au Nano IC Card 04 LE is inserted.
* The illustrations and screenshots in this manual are simplified and may look different from the actual illustrations and screens. Also, a part of a screen may be omitted.
* This manual uses screenshots from a "Sonic Red" color product (not available for purchase) to explain examples. The colors of screenshots are different from "Pure White" color products, but the contents are the same.
* In this manual, the "au Nano IC Card 04 LE" is referred to as an "au IC card".
* In this manual, the "USB2.0 TypeC-A cable" provided in the package is referred to as a "USB cable".
* Company names and product names referred to in this manual are trademarks or registered trademarks of their respective companies. TM and the ® mark may be omitted in this manual.

Before using the product

* The product can transmit data by using the WiMAX 2+ system or the LTE system. You can select from the following communication modes to use this.

	High Speed	High Speed Plus Area
WiMAX 2+	○	○
LTE	―	○

　For an explanation of how to select and set the communication modes, see "About Communication Modes" on the next page of this manual.
　*The default setting is "High Speed" mode. Note that an additional charge may be incurred, depending on your billing plan, when you switch to "High Speed Plus Area" mode.
* The product supports USB 2.0 (except for USB ports that are proprietary to computer manufacturers) and can be used on computers that are equipped with these ports.
　(The USB cable provided in the package complies to the USB 2.0 standard.)

Part Names and Functions

① Display (Touch panel)
② USB port (type C)
③ Power button
④ SIM card slot
⑤ Strap hole
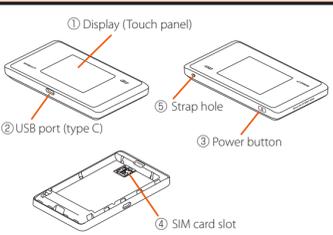
Name	Function
① Display (Touch panel)	Lets you view the status of this product and notification information. Main settings for the product can be done with the touch panel.
② USB port (type C)	Used to connect the USB cable (packaged item) (sample) to the product, or when placing the product on the cradle (sold separately).
③ Power button	Turns the power on/off. Use to turn on/off the display. Use to put the product in an idle state, or to recover from idling or waiting.
④ SIM card slot	Insert the au IC card into this slot.
⑤ Strap hole	Used to attach a strap.

* The antenna is built-in. Covering the product with your hand during communication may affect the communication quality.

Downloading the "NEC WiMAX 2+ Tool" Application for Your Smartphone

By using "NEC WiMAX 2+ Tool", an application designed especially for this product, it is possible to view information about the product on your smartphone, etc. and perform operations to update the firmware or switch to the idle state.
* This specialized application enables remote-activation. Search the Google Play or App Store for "NEC WiMAX 2+ Tool" to download and install this specialized application.

<Google Play Store>　<App Store>
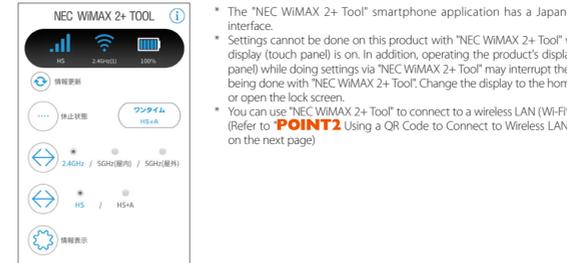
NEC WiMAX 2+ TOOL

(As of March, 2019)
* The "NEC WiMAX 2+ Tool" smartphone application has a Japanese user interface.
* Settings cannot be done on this product with "NEC WiMAX 2+ Tool" while the display (touch panel) is on. In addition, operating the product's display (touch panel) while doing settings via "NEC WiMAX 2+ Tool" may interrupt the settings being done with "NEC WiMAX 2+ Tool". Change the display to the home screen or open the lock screen.
* You can use "NEC WiMAX 2+ Tool" to connect to a wireless LAN (Wi-Fi®).
　(Refer to "**POINT2**" Using a QR Code to Connect to Wireless LAN (Wi-Fi®)" on the next page)

How to Use the Touch Panel

This product is equipped with an intuitively operable touch panel. It operates by detecting your finger's movements using a capacitive sensing method.
* The touch panel is designed to be operated by lightly touching it with your fingers.
　Do not apply strong pressure with your fingers or sharp-pointed objects (such as fingernails, ballpoint pens and pins) on the touch panel.
* In the following cases, the product may not respond to touching the touch panel. Or, doing so might cause false operation.
　− Operation with gloved hands
　− Operation with fingernails
　− Operation with a foreign object placed on the touch panel
　− Operation with a protective sheet or sticker on the touch panel
　− Operating with drops of water or condensation on the touch panel
　− Operation with wet or sweaty fingers
　− Operating with two or more fingers

◆ Tap
Lightly touch the touch panel, and then remove your finger.
If you tap too briefly, there may be no reaction.

◆ Slide
Put your finger lightly on the touch panel and then slide your finger.

* If the lock screen is displayed, unlock it by sliding the lock mark 🔒 to unlock it. The home screen is displayed.
* To return to the home screen, tap the 🏠 button.

STEP 1 — Preparing for Setup

Inserting the au IC Card

When inserting the au IC Card, be sure to disconnect the product from the power source and turn off the power to the product.
Remove the USB cable and cradle (sold separately) if they are connected.

1 Slide the clasp (cover) on the card slot in the direction of the arrow to release the lock and lift up the card slot. With the IC (metal) part of the au IC card facing up, insert it straight into the card slot.
* Be careful of the orientation of the notch.
* Do not press on the clasp from above.

2 Push the card slot down, and lock it by sliding it in the direction of the arrow, while lightly pressing the top of the clasp, until you hear a click.
* Your telephone number and other details are stored on the au IC card.
* This product supports au Nano IC Card 04 LE.
* Data communication via a Wide Area Network (WAN) cannot be done if the au IC card is not inserted.
* Confirm the correct inserting direction of the IC card. Failure to do so might cause a malfunction or damage.
* Do not place the IC card directly on the connectors in the bottom of the card slot. Doing so might cause a malfunction or damage.
* Do not insert or push the IC card forcefully. Doing so might cause a malfunction or damage.
　If something feels strange, return the card slot temporarily and lock it again.
* Refrain from inserting an SD card or the like with a conversion adapter. Doing so might cause failures.
* Be careful not to touch or damage the IC (metal) part of the au IC card.
* An error message is displayed if the au IC card is not properly inserted, or if there is an abnormality with the au IC card.
* Be careful not to lose the au IC card after you remove it.
* You can confirm the product's device information (phone number, ICCID, etc.) on its display (touch panel).
　<How to confirm>: Home screen - [Information] - [Device Information]

au Nano IC Card 04 LE
Front　Back
IC (metal) part
Notch
IC (metal) part
SIM card slot
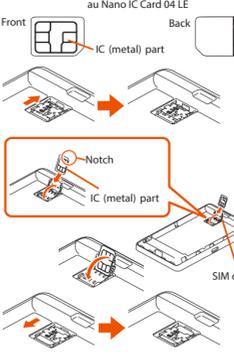
STEP 1 — Preparing for Setup (Continued)

Attaching the Battery Pack

1 Slide the battery pack, with the marked surface (recycling symbol, etc.) facing up, all the way in.
Align the product's terminals and the battery pack's ▲ (terminals), attach them in the direction of ① , and then insert it in the direction of ② .
* Use the battery pack specified for this product.

Terminals
▲ (Terminals)
Recycling symbol
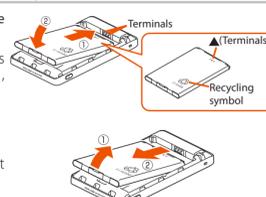
<Removing the battery pack>
Lift up the front part of the battery pack and pull it out in the direction of the arrow to remove it.

2 Attach the rear cover.
Check the direction of the rear cover and place it so that it aligns with the product. While firmly pressing the ○ parts in the following illustration, attach the rear cover so that there are no gaps.

Press the ○ parts firmly and securely to attach the rear cover.
Power button
Notch
Align the tabs on this side first.
Notch
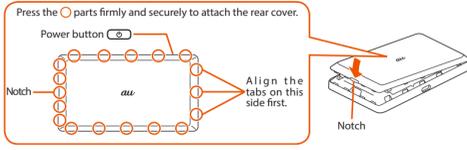
Charging the Product

This section explains how to charge the product using the specified TypeC Common AC Adapter 01 (0601PQA) (sold separately).
* The battery pack is not fully charged at the time of purchase. Be sure to charge the battery before using the product.
* We recommend charging this product while the power is off or while it is idling.
* If the power is on, or if the temperature of the product or battery pack is high, charging may stop, even if the battery is not full, in order to maintain the battery's life. Also, if you continue charging it for a long time while the power is on, the battery enters the Long Life Charge state (the maximum charge capacity is about 70%) and the remaining battery power is automatically reduced gradually to protect the battery.
* The charging time varies depending on the environment and conditions in which the product is used.
　Fast charging is possible if you are using a typeC Common AC Adapter 01 (0601PQA) (sold separately).
　For the time it takes to charge, refer to the "Product Specifications" section on the next page.

1 Insert the USB connector　(type C)　of the AC adapter　(sold separately)　into the USB port　(type C)　on the product.
* Plug the USB connector (type C) straight into the USB port (type C) of the product.

2 Plug the power plug of the AC adapter (sold separately) into a power outlet.
* Make sure that the AC adapter (sold separately) does not come unplugged.
* Pressing the Power button when charging with the power off or while idling shows how much of the battery has been charged (%).
* Because the battery pack is initializing when being used for the first time after attaching it, showing how much of the battery has been charged may take some time.
* If you turn to "Long Life Charge", charging stops when the battery's level is about 70%. Repeatedly charging and discharging the battery pack frequently while it has sufficient remaining power prevents accelerated deterioration of the battery pack. (Default setting: OFF)
　• Display procedure: In the home screen, tap [Quick Menu] - [ECO Settings] - [Long Life Charge].

For information on how to charge the battery pack on the cradle (sold separately), refer to the "WX05 クレードル (NAD35PUA) 取扱説明書 (Instruction Manual of the cradle)" (Japanese).
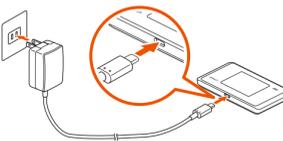
Turning the Power On

1 Hold down the Power button until "NEC" is displayed in the display and the product is turned on.
(The remaining battery level appears while "NEC" is displayed immediately after you install a battery pack and when you turn on the power after the power was fully off.)
* When the home screen (refer to "Displayed Information" on the next page) is displayed, proceed to **STEP2**.

*To turn the power off, hold down the Power button and tap [Power OFF] on the Power Option screen. (The power can be turned off, even on the lock screen, by holding down the Power button.)

2 When the language selection screen is displayed, tap [English].

Switching to English display
From the home screen, tap [設定 (Settings)] → [メンテナンス (Maintenance)] → [言語設定 (Language)] → [English].

3 Read the guidelines for the "Notes on usage" by sliding them to the bottom, and then tap [YES].

Do you want set advanced settings?
※If you want to set later, settings can change by [Settings] menu on display, or Quick Setting Web.
YES　NO

4 Read the guidelines for the "Favor on usage" by sliding them to the bottom, and if you agree, tap [YES].

※Setting of this function can be changed by [Advanced Settings] - [Other Settings] of Quick Setting Web.
[Caution] Underage person tap a button after getting guardian's consent.
YES　NO

5 When "Do you want to start Setup Wizard?" is displayed, continue to **STEP2** by tapping [YES].

Do you want to start Setup Wizard?
YES　NO

STEP 2 — Connecting to Wireless LAN (Wi-Fi®)

Data communication can be performed with this product by connecting wireless LAN (Wi-Fi®) devices such as a PC, game console, smartphone, etc.
Up to 10 wireless LAN (Wi-Fi®) devices can be connected to this product.
However, depending on the ambient reception environment, the number of connected devices may not reach the limit.
* The wireless LAN (Wi-Fi®) function and the Bluetooth® function (on the next page) cannot be used simultaneously.

Wireless LAN (Wi-Fi®)　Smartphone
WAN　The product　PC, game console, etc.

Using the Wi-Fi Settings Moving Function

You can carry over to the product the settings for a wireless LAN (Wi-Fi®) router that you used in the past by using the "Wi-Fi Settings Moving" function. This way you do not need to redo the settings.
* The router you have used in the past needs to have supported WPS. In addition, some of the wireless LAN (Wi-Fi®) settings may not carry over, depending on the functions and settings (such as unusable text or encryption mode) of the router you were using in the past.
* In the home screen, tapping [Settings] - [Easy Wireless Settings] - [Wi-Fi Settings Moving] shows a guidance screen.

In the home screen, tap [Settings].　Tap [Setup Wizard].　Tap [YES].
Read the guidelines for the "Wi-Fi Settings Moving" function by sliding them to the bottom, and then tap [YES].
Tap [Wi-Fi Settings Moving].

Do you want to start Setup Wizard?　YES　NO
Do you execute Wi-Fi settings moving?　YES　NO
If you tap Wi-Fi Settings Moving Button, then Setup starts.

⟨Screen from **STEP1**⟩

Start up the WPS function of the router you were using previously.
(Refer to the user manual for the router you are using for the method to start up the WPS function.)

[YES]

Tap [YES] in the find router screen.
Wi-Fi Settings M…
SSID: xxxxxx
found. Do you want to reflect the Wi-Fi settings to this device?
YES　NO

Tap [Exit] in the settings successful screen.
Turn off the power to the router you were using previously.
Wi-Fi Settings M…
Configuration succeeded.
Please turn off the Wi-Fi function of a router of existence.
Exit

You can confirm if the "SSID(Primary)" is the SSID of the router you have used until now, by going to home screen - [Information] - [Wi-Fi Information].

[NO]

Tap [YES] in the settings confirmation screen for the Wi-Fi device.
Do you execute Wi-Fi device settings?
YES　NO

Use the WPS Function to Connect to Wireless LAN (Wi-Fi®).

If the wireless LAN (Wi-Fi®) device supports the push-button format of the WPS function, you can easily do the setup without having to input the SSID, security methods and other settings needed to connect.
This section explains how to connect to wireless LAN (Wi-Fi®) using a Windows PC and Android device as examples.

Tap [Next].
Please turn on your Wi-Fi device and open the Wi-Fi setting menu.
Operation varies with each Wi-Fi devices. Please check the user guide for each Wi-Fi device.
Back　Next

Select how to connect the product with a wireless LAN (Wi-Fi®) terminal to set up the wireless LAN (Wi-Fi®).
Please select whether you want to enter the Wi-Fi Setting information manually or easily connect by WPS. If you use iOS device, please select Manual connection.
Manual connection　WPS

Tap [WPS].

WPS
Please tap the Next Button after starting WPS. SSID: xxxxxx
Next

1 Tapping [WPS] on the Setup Wizard shows the screen on the left.

If you are doing settings from the home screen, tapping [Settings] - [Easy Wireless Settings] - [WPS] shows the network name (SSID).

* About [Manual connection]: Refer to "**POINT1** To Do Wireless LAN (Wi-Fi®) Connections via Manual Settings" if you are manually setting a Mac OS computer or iPad/iPhone/iPod touch, etc.

[For Windows PCs]
The following is explained using Windows 10 as an example.
2 Turn the PC on and enable wireless functions.
* Refer to the user manual, etc., for your PC for how to connect.
3 From your PC's network (Wi-Fi®) screen, select the network name (SSID) that was displayed in step **1** , select "自動的に接続 (Connect automatically)", and then click [接続 (Connect)].
4 "Please tap the Next Button after starting WPS. SSID: xxxxxx" is displayed on the product's display (touch panel). Tap [Next].
5 If "If you tap WPS Button, then Setup starts." is displayed, tap [WPS].
　A little while after "WPS is in progress…" is displayed, "Connection succeeded." is displayed. Tap [Exit].

WPS
If you tap WPS Button, then Setup starts.
Connection succeeded.
Exit

If the product cannot connect to the PC, "Connection failed." is displayed. Check that the PC's wireless function is enabled, and then retry from step **1** .

[For smartphones/tablets (Android devices)]
* Refer to the user manual, etc., for your Android device for how to connect.
2 Turn on your Android device, select from its home screen [Settings] - [Network & Internet] - [Wi-Fi], and put it in list view.
3 From the Wi-Fi screen of your Android device, tap [Wi-Fi preferences] - [Advanced] - [WPS Push Button].
* This screen is an example using Android 8.1.
4 "Please tap the Next Button after starting WPS. SSID: xxxxxx" is displayed on the product's display (touch panel). Tap [Next].
5 If "If you tap WPS Button, then Setup starts." is displayed, tap [WPS].
　A little while after "WPS is in progress…" is displayed, "Connection succeeded." is displayed. Tap [Exit].

WPS
If you tap WPS Button, then Setup starts.
Connection succeeded.
Exit

If the product cannot connect to the Android device, "Connection failed." is displayed. Check that the Android device's wireless LAN (Wi-Fi®) function is enabled, and then retry from step **1** .

STEP 3 — Verifying the Connection Status

◆ If HS is displayed along with 📶 in the display and the product can be connected to the internet, the settings are complete.
* For an explanation of each icon, see "Displayed Information" on the next page of this manual.
　HS+A appears in High Speed Plus Area mode, and HS+A (green) appears in Onetime HS+A mode.
　For details, see "About Communication Modes" on the next page of this manual.

◆ If HS is displayed along with 📶 in the display and the product cannot be connected to the internet, Configure the connection destination in **POINT3**.
◆ If the wireless LAN (Wi-Fi®) connection is not established, Select [OFF] on the home screen - [Settings] - [LAN Settings] - [Wi-Fi Management Frame], and then redo the wireless LAN (Wi-Fi®) connection using **STEP2** (or **POINT1**).
◆ If "Please checking APN settings." is displayed, Configure the connection destination in **POINT3**.

The Setup Wizard is complete.
Setup Wizard will finish.
OK
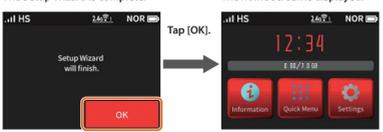
Tap [OK].
The home screen is displayed.
* This screen is an example.

You can redo the Setup Wizard from the home screen [Settings] - [Setup Wizard].

Confirm that this product has the latest firmware. (How to confirm: Home screen - [Settings] - [Maintenance] - [Firmware Update])
The version of this product is confirmed via the display (touch panel). (How to confirm: Home screen - [Information] - [Device Information] - "Firmware Version")
When "There is new firmware available. Do you want to update?" is displayed on the display of this product, it indicates that a new firmware exists. In that case, refer to the "Updating the Firmware" on the next page of this manual to update the version.

To Do Wireless LAN (Wi-Fi®) Connections via Manual Settings

This section explains how to connect to wireless LAN (Wi-Fi®) using a Mac OS computer and iPad/iPhone/iPod touch as examples.

1. Tapping [Manual connection] on the Setup Wizard shows the screen below.

Confirm the following information for this product.
- SSID(Primary) (SPWN_N35_xxxxxx)
- Password (AES) (13 alphanumeric characters)
<How to confirm using the display (touch panel)>
Home screen - [Information] - [Wi-Fi Information]

Please enter the following Wi-Fi setting information on your Wi-Fi device.
SSID: SPWN_N35_xxxxxx
Security: WPA/WPA2-PSK(AES)
Password: xxxxxxxxxxxxx

[◀ Back]   [Next ▶]

* This section explains what to do for a primary SSID, without using the "Wi-Fi Settings Moving" Function.

Home screen | Wi-Fi Information

[For Mac OS]

2. Turn the PC on and enable the wireless function.
   * Refer to the user manual, etc., for your PC for how to connect.

3. On the Apple menu, click the [システム環境設定 (System Configuration)] - [ネットワーク (Network)] icon and select [Wi-Fi] from the service list.

4. From the [ネットワーク名 (Network Name)] pulldown menu, select the SSID(Primary) of this product, "SPWN_N35_xxxxxx", that was displayed in 1.

5. Enter the password for this product in [パスワード (Password)], and then click [接続 (Connect)].
   * This example screen is from a macOS v10.13.

6. If [接続済み (Connected)] is displayed in [状況 (Status)], tap [Next] on the product to return to STEP2.

If a connection could not be made, check the text that you input (such as capital/small letter case) and that the wireless function for your PC is enabled, and then retry from step 1.

[For iPad/iPhone/iPod touch]

2. Start your iPad/iPhone/iPod touch and tap [Settings].
   * Refer to the user manual, etc., for your device for how to connect.

3. Tap [Wi-Fi].

4. Turn on [Wi-Fi], and tap the SSID(Primary) of this product, "SPWN_N35_xxxxxx", that was displayed in 1.

5. Enter the password for this product in [Password], and then tap either [Connect] or [Join].
   * This screen is an example using iOS 11.4.

6. If the following icon is displayed in the status bar of your iPad/iPhone/iPod touch, tap [Next] on the product to return to STEP2.

If a connection could not be made, check the text that you input (such as capital/small letter case) and that the wireless function for your device is enabled, and then retry from step 1.

Using a QR Code to Connect to Wireless LAN (Wi-Fi®)

You can use the smartphone application "NEC WiMAX 2+ Tool" to connect to wireless LAN (Wi-Fi®).
*The "NEC WiMAX 2+ Tool" smartphone application has a Japanese user interface.

1. Open "NEC WiMAX 2+ Tool".

2. In the main screen of the "NEC WiMAX 2+ Tool", tap [接続設定ウィザード (Setup Wizard)].

3. Tap the [①パスワードの設定 (Password Settings)] button.

4. Enter the password, and then tap [保存 (Save)].

5. Tap the [②Wi-Fi 設定 (Wi-Fi Settings)] button.

6. In the Wi-Fi settings screen, tap [OK].

7. In the Camera View screen, read the QR Code for the Wi-Fi settings from the product's screen.

• How to display the product: In the home screen, display [Settings] - [Easy Wireless Settings] - [Rakuraku QR] - [Primary SSID], and then in the confirmation screen, tap [YES] to display the QR Code.

8. Next, tap [設定適用 (Apply)] on the screen, and then tap [OK] in the confirmation screen.
• In the "NEC WiMAX 2+ Tool" main menu, tap [情報更新 (Refresh)], and you can confirm the product's information, and change the wireless LAN (Wi-Fi®) band and communication mode.

*Take note of the password (administrator password) as it will be required in order to configure the product. If you have forgotten the administrator password, it will not be possible to access the screen of Quick Setting Web and it will be necessary to initialize the product and redo all configurations.

* Write it down in the location described in the enclosed つなぎかたガイド "Setup Guide" (Japanese).

Configuring the Connection Destination Connecting Wide Area Network (WAN)

Launch Quick Setting Web

1. Open the web browser on the wireless LAN (Wi-Fi®) device (such as a smartphone) connected to the product in STEP2.

2. Tap the Power button (⏻) to turn off the display.
   Settings cannot be done on this product for Quick Setting Web while the display (touch panel) is on. Additionally, operating this product's display (touch panel) while setting Quick Setting Web may interrupt the settings on Quick Setting Web.

3. Open Quick Setting Web for the product.
   Type "http://192.168.179.1" into the address bar in the web browser and either tap [実行 (Execute)] or [開く (Open)], or press the Enter key on the keyboard.

http://192.168.179.1/ — << Example of Google Chrome's screen for mobile phones >>

http://192.168.179.1/ — << Example of Microsoft Edge's screen for PCs >>

4. Tap or click [Advanced Settings Top] in the screen of Quick Setting Web.

[Advanced Settings Top] button

5. Perform initial settings for administrator password.
   Type a password (any string of characters) in the [パスワード (password)] (Re enter) field and tap or click [Apply].
   * Numbers 0 - 9, letters a - z and A - Z, hyphens (-) and underscores (_) may be used in the password. A password may be up to 64 single-byte characters.

   This password will be required every time you open "Quick Setting Web" for the product. Make sure that you do not lose this password.

   * This screen is displayed when the administrator password is not set.

Administrator Password Field

Administrator Password Memo

* Write it down in the location described in the enclosed つなぎかたガイド "Setup Guide" (Japanese).

Tap or click

6. Type "admin" for the [名前 (Name)] or [ユーザー名 (Username)] and the "administrator password" set in 5 for the [パスワード (Password)], and then tap [ログイン (SIGN IN)] or click [OK].

admin

Administrator Password

Tap or click

Configuring the Connection Destination Connecting Wide Area Network (WAN)(Continued)

Configuring the Connection Information

● Connecting to Wide Area Network (WAN)

• Follow the procedures below to add profiles when information required for internet connection (user name, password etc.) is specified by au for the product.
• If au for the product specifies a preset profile, select the profile in [Settings] - [Network Settings] - [APN Settings] in the home screen. If there is no such information provided, you can use the profile (Profile name "Internet") of this product to connect to the internet.

When using a smartphone/tablet (Android device)/iPad/iPhone/iPod touch

1. Tap [ネットワーク設定 (Network Settings)] - [プロファイル設定 (Profile Settings)].
2. After selecting [no setup] in the [プロファイルリスト (Profile List)], tap [選択 (select)], enter the setup information such as the APN (Access Point Name), and tap [設定 (Apply)].
   * The displayed content may be grayed out.
   * If you have any questions, please check with an au shop or Customer Service Center.
3. Tap [詳細設定 TOP へ (Advanced Settings Top)].
4. Tap [ネットワーク設定 (Network Settings)] - [接続設定 (Connection Settings)].
5. In the Profile Selection, select the profile which you selected in step 2, and tap [設定 (Apply)]. Try opening a website to verify the connection.

When using a PC

1. Click [ネットワーク設定 (Network Settings)] - [プロファイル設定 (Profile Settings)].
2. After selecting [no setup] in the [プロファイルリスト (Profile List)], click [選択 (select)], enter the setup information such as the APN (Access Point Name), and click [設定 (Apply)].
   * The displayed content may be grayed out.
   * If you have any questions, please check with an au shop or Customer Service Center.
3. Click [ネットワーク設定 (Network Settings)] - [接続設定 (Connection Settings)].
4. In the Profile Selection, select the profile which you selected in step 2, and click [設定 (Apply)]. Try opening a website to verify the connection.

Connecting via Bluetooth® Function

Use this product as an access point to connect Bluetooth® equipped devices, such as a smartphone or tablet, to the internet. It is efficient for saving energy if you are worried about your battery endurance when away from home.
Up to 3 devices can be connected to the product via the Bluetooth® function. (For pairing, up to 3 devices can be registered.)
However, depending on the connection status of your Bluetooth® equipped device, the number of connected devices may not reach the limit.

* The wireless LAN (Wi-Fi®) function (on the previous page) and the Bluetooth® function cannot be used simultaneously.

WAN | The product | Bluetooth® | Smartphone | Tablet

• If Bluetooth® is disconnected after pairing, tap the Bluetooth device name for this product on the Bluetooth screen of the Bluetooth® equipped device you are using to reconnect.
• When the number of paired devices reaches the limit, "You cannot connect because the number of connected devices has got to the maximum." is displayed on the product's display. In that case, delete pairing information displayed in "Bluetooth Pairing Info" on "Bluetooth Settings" in the screen of Quick Setting Web.

• Confirm that your Bluetooth® equipped device supports Bluetooth 2.1 or later.
• Confirm that your device supports the profile (PANU), which can connect to the internet.
• For models that support PANU, see the manufacturer's website for each Bluetooth® equipped device.

About Communication Modes

The product has the following communication modes.
• "High Speed" mode (HS) (default setting)
• "High Speed Plus Area" mode (HS+A)
• "Onetime HS+A" mode (HS+A) (green))
In the home screen, tap [Quick Menu] - [Communication Mode] or [Onetime HS+A]. Select a communication mode, and then tap [YES] in the settings confirmation screen.

Confirm that the connection status icon is displayed on the status bar.
• The "Onetime HS+A" mode is used to temporarily switch to the "High Speed Plus Area" mode when you move to an area where communications using "High Speed" mode are not possible.

*A separate designated additional charge may be incurred if you set "High Speed Plus Area" mode or "Onetime HS+A" mode.

About the Collective Settings

You can change to the settings recommended for how you want to use the product with a single touch from the product's display (touch panel). Do settings in the home screen's [Quick Menu] - [Collective Settings].

Select a menu and tap [YES].

Set to [Prioritize high speed collectively] from setting can't be changed. If wanna change, set to [Not Collective Settings].

[YES] [NO]

Menu	Overview of settings
Prioritize High Speed	Sets the product to maximum communication speed.
Standard Setting	Sets the product to a good balance of communication speed and continuous operating time.
Prioritize Saving Battery	Sets the product to save energy to extend the continuous operating time by controlling the communication speed, signal transmission output, and display operations.
Not Collective Settings (Individual Setting)	You can turn off the Collective Settings function and Energy-Saving Mode and adjust the brightness separately. (Saves the product's settings as they are before being turned off)

*When using Collective Settings, specific settings cannot be changed. Furthermore, the communication speed and the transmission output of the wireless LAN (Wi-Fi®) may change and reconnections may happen.

* To turn off the Collective Settings function, select [Not Collective Settings (Individual Setting)] and tap [YES] in the confirmation screen.
(Saves the product's settings as they are before being turned off, so you should do the individual settings according to how you want to use the product.)

Displayed Information

<Home screen and status icons>
Status icons
Message

<Settings menu screen>
Back | Settings
Easy Wireless Settings
Network Settings
Collective Settings
Information | Quick Menu | Settings

<Numerics input screen>
Numerics input
(Example) Input screen for the upper limit values of data usage

<Quick Menu screen>

<Collective Settings screen>
Back | Collective Setti...
Prioritize High Speed
Standard Setting
Prioritize Saving Battery
Not Collective Settings (Individual Setting)

*[Firmware Update] is displayed when there is a new firmware update.
*[Onetime HS+A] is not displayed when the Communication Mode is High Speed Plus Area mode.

Name	Indicator	State	Explanation
① Reception level		Lit	Indicates the signal strength of Wide Area Network (WAN) in 4 levels
		Lit	Indicates that the product is out of the service area
② Connection status	HS	Lit	Indicates that the product is connected to the internet in High Speed mode
	HS+A	Lit	Indicates that the product is connected to the internet in High Speed Plus Area mode(*)
	HS+A	Lit (green)	Indicates that the product is connected to the internet in Onetime HS+A mode(*)
	AP	Lit	Indicates that the product is connected to the cradle (sold separately) in Wi-Fi Access Point Mode
③ Firmware update notification		Lit (blue)	Indicates that new firmware has been released and an update is required
④ Status of wired connection		Lit	Indicates that LAN is connected via USB
		Lit	Indicates that the product is connected to the cradle (sold separately) and wired LAN
⑤ Status of Bluetooth® function		Lit	Indicates that Bluetooth® is on (the number on the lower right indicates the number of connected devices)
		Off	Indicates that Bluetooth® is off
⑥ Wireless LAN (Wi-Fi®) band	2.4G	Lit	Indicates that the product is connected to the 2.4 GHz band (the number on the lower right indicates the number of connected devices)
	5G	Lit	Indicates that the product is connected to the 5 GHz band (outdoors) (the number on the lower right indicates the number of connected devices)
	5G	Blinking	Indicates that the product is confirming the channel that is in use
	5G	Lit	Indicates that the product is connected to the 5 GHz band (indoors) (the number on the lower right indicates the number of connected devices)
⑦ Schedule		Lit	Indicates that the Schedule function is set
		Lit (orange)	Indicates that the Schedule function is set and there is less than 10 minutes to power off
⑧ Energy-Saving mode	ECO	Lit (green)	Indicates that the product is running in Eco mode
	ECO	Lit (green)	Indicates that the product is saving energy when the remaining battery level is low in Normal mode
	NOR	Lit	Indicates that the product is running in Normal mode
	Hi-P	Lit	Indicates that the product is running in High Performance mode
⑨ Battery status		Lit*1	Indicates the remaining battery level on a scale of 6 levels
		Lit*1	Indicates that the battery is being charged
⑩ Displaying data usage			Indicates the current data usage (value of data usage accumulated/value of set upper limits) The length of the bar indicates the proportion used

* A separate designated additional charge may be incurred when using High Speed Plus Area mode or Onetime HS+A mode.
*1: Green when "Long Life Charge" is on.

<Settings message display>
This is displayed while doing settings for the product.
Now in progress. Please wait.

Displayed when communicating
↑ When sending ↓ When receiving

<Lock screen>
Slide the Lock mark.

<Display while idling>
This is displayed when the Power button ⏻ is pressed.
100%

Initialization Method

When the product is not operating properly, or to bring back the default settings, perform initialization by following the steps below. (This will delete all user settings and the screen display will change to Japanese.)

1. Open the home screen on the product's display (touch panel).
2. From the home screen tap [Settings] - [Maintenance] - [Initialize].
3. Once the message "Restoring to the initial settings. Do you want to initialize this device?" is displayed on the product's display (touch panel), tap [YES].
4. Initialization will be completed once the product has been reactivated.

Updating the Firmware

Follow the steps listed below to update the firmware.
1. Open the home screen on the product's display (touch panel).
2. Once the message "There is new firmware available. Do you want to update?" is displayed on the product's display (touch panel), tap [YES].
3. "Now updating the firmware... Please do not remove the battery pack." is displayed while the update is processing.
4. When the update is complete, the product automatically reactivates and the home screen appears on the display.

There is new firmware available. Do you want to update?
[YES] [NO]
There is latest firmware.

Firmware cannot be updated when the product is connected to the cradle (sold separately) and used in Wi-Fi Access Point Mode. Update the firmware when the product is removed from the cradle (sold separately) and "Access Point Mode" is set to "Disable".

Product Specifications

■ Main Unit

Physical dimensions (W × H × D)	Approx. 111 (W) × 62 (H) × 13.3 (D) mm
Weight	Approx. 128 g (Battery pack attached)
Interface	USB connector (USB 2.0 (type C) × 1*³ Compliant with Bluetooth 4.0 Wireless Technology
Display (touch panel)	2.4 inches (320 × 240 dots) color LCD
Power supply	AC adapter AC 100 V to 240 V ± 10%, 50/60 Hz
Battery pack	Lithium-ion, 3.8 V, 3,200 mAh
Continuous standby time*	Waiting state: Approx. 50 hours / Idle state (Remote start available): Approx. 700 hours
Continuous communication time* *¹ (High Speed mode: During Wi-Fi)	Collective Settings (Standard Setting)/Normal mode	Approx. 690 minutes
	Collective Settings (Prioritize High Speed)/ High Performance mode	Approx. 490 minutes
	Collective Settings (Prioritize Saving Battery)/Eco mode	Approx. 840 minutes
Continuous communication time* *¹ (High Speed Plus Area mode: During Wi-Fi)	Collective Settings (Standard Setting)/Normal mode	Approx. 630 minutes
	Collective Settings (Prioritize High Speed)/ High Performance mode	Approx. 480 minutes
	Collective Settings (Prioritize Saving Battery)/Eco mode	Approx. 800 minutes
Continuous communication time* *² (High Speed mode: During USB connection)	Eco mode	Approx. 1,080 minutes
Continuous communication time* *² (High Speed Plus Area mode: During USB connection)	Eco mode	Approx. 1,010 minutes
Operating environment	Operating temperature range: 5°C to 35°C / Operating humidity range: 35% to 85% (with no condensation)
Charging time	Approx. 160 minutes (when using the typeC Common AC Adapter 01 (0601PQA) (sold separately)) / Approx. 180 minutes (when using the typeC Common AC Adapter 02 (0602PQA) (sold separately))

*1: The continuous standby time and continuous communication time may vary depending on the communication network being used.
*2: The continuous communication time when connected to a single wireless LAN (Wi-Fi®) device.
*3: Use of USB2.0 or later is recommended as a sufficient transfer rate cannot be achieved with USB1.1. It should be noted that operation is not guaranteed with all computers.

■ WAN
Communication methods	WiMAX 2+, LTE

■ LAN
Communication methods	Wi-Fi (compliant with IEEE802.11a/b/g/n/ac), compliant with Bluetooth 4.0 Wireless Technology
Supported frequencies	Wi-Fi: 2.4GHz / 5GHz, Bluetooth®: 2.4GHz
Wi-Fi security methods	WEP (128 bit) / WPA2-PSK (AES) / WPA / WPA2-PSK (AES) / WPA / WPA2-PSK (TKIP/AES)
Maximum number of simultaneous connections*	Wi-Fi: 10 devices/USB: 1 device/Bluetooth®: 3 devices

* Wireless LAN (Wi-Fi®) and Bluetooth® cannot be used simultaneously.

■ USB2.0 TypeC-A cable (sample)
Length	Approx. 1.0 m
Weight	Approx. 27 g
Plug	USB 2.0 type A, USB 2.0 type C

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 "HS" or "HS+A" icon does not appear in the display, launch Quick Setting Web 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 the 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® function, 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 "Channels" for the product. / • Confirm that this product has the latest firmware. (How to confirm: Home screen - [Settings] - [Maintenance] - [Firmware Update]) When "There is new firmware available. Do you want to update?" is displayed on the display of this product, it indicates that a new firmware exists. In that case, refer to the "Updating the Firmware" of this manual to update the firmware.
Communication seems slow	• The connection point might be congested. Allow for some time before retrying.
The charge in the battery seems to decrease quickly.	• If the Energy-Saving Mode is set to "High Performance" mode, switch to "Eco" mode. / • Turn off "WiMAX High Power" in Network Settings.
Cannot connect to wireless LAN (Wi-Fi®)	• In the home screen, set [Settings] - [LAN Settings] - [Wi-Fi Management Frame] to [OFF], and then you may be able to reconnect.