ELECOM

Setup Guide

WRC-2533GHBK-I / WRC-1750GHBK2-I / WRC-F1750ACGH / WRC-1167GHBK2-I
WRC-F1167ACG / WRC-1167GEBK-I / WRC-F1167ACF / WRC-733GHBK-I
WRC-733GEBK-I / WRC-300GHBK2-I

This manual provides a summary of and the specifications for this product as well as explains this product's usage precautions.
It also contains an FAQ that explains actions you can take if you have problems such as the product malfunctioning.

Name and function of each part

Left side

Back

① WPS
② POWER
③ 2.4GHz
④ 5GHz

①	WPS lamp (red)	Blinking: The WPS setting button has been pressed, and the WPS function is running. This lamp blinks once every 0.5 second for approximately 2 minutes. Off: The WPS function is not running
②	POWER lamp (blue) *1	Lit : The product is on. Off : The product is off.
③	2.4G WLAN lamp (blue) *1	The lamp indicates the connection status of the 2.4 GHz band (11n/g/b) and the 5 GHz band (11ac/n/a). Lit : The corresponding band is being connected to a wireless client (wireless adapter).
④	5G WLAN lamp (blue) *1 *2	Blinking : The corresponding band has been connected to a wireless client to use for less than 10 seconds. Off : There are no wireless client using the corresponding band.
⑤	WPS setting button	Use this button when you are connecting the product to a wireless slave device (such as a wireless adapter) that is equipped with a WPS function. To use this function, press this button for 2 seconds or more.
⑥	Reset button	When you press this button for more than 10 seconds, the POWER lamp blinks and the product's settings are initialized (returned to the factory default values). Do not turn off the product until the POWER lamp stops blinking.
⑦	RT/AP mode changeover switch	Use this switch to select whether to use this product in either RT (router) mode or AP (access point) mode. Initial setting is "RT mode". AP mode / RT mode
⑧	LAN port/ LAN lamp 1 to 4 (blue) *1	Use these ports to connect this product to PCs or other network devices over a wired LAN. There is an LED lamp next to each port. Lit : The link to the PC or network device connected over a wired LAN has been established. Blinking : Data is being transferred. Off : The cable is disconnected.
⑨	INTERNET port/ INTERNET lamp (blue) *1	Connect the cable from the WAN (Internet) device of the modem (ONU, CTU, and other types). There is an LED lamp next to the port. Lit : The link to the WAN device has been established. Blinking : Data is being transferred. Off : The cable is disconnected.
⑩	DC IN (power supply jack)	Connect the AC adapter included with this product to this jack. Do not connect any AC adapters other than the one included with this product.
⑪	Stand	You can use the stand included with this product to orient it vertically or horizontally. For details on how to use the stand, see "Installation method and precautions" below.

*1 The lamp of WRC-2533GHBK-I is white (except WPS lamp).
*2 There is no 5G WLAN lamp on the WRC-300GHBK2-I.

Primary specification and factory default values (initial value)

■The factory default values of setting utility

User name and password for login	User name : admin Password : admin **We strongly recommend that you change the password (admin).**

■Factory default values related to wired LAN

Router body IP address (LAN side)	192.168.2.1 (255.255.255.0) ＊Router and AP mode
DHCP server function	DHCP server function : Valid Assignment IP address : 192.168.2.100〜192.168.2.200

■Factory default values (initial value) related to wireless LAN

SSID : 2.4G SSID→elecom2g-XXXXXX   5G SSID→elecom5g-XXXXXX
    Child net SSID (2.4G only)→e-timer-XXXXXX
Encryption system : WPA2-PSK (AES)
Encryption key (password) : Written on the encryption key label on the product and the included setup information sheet (see below)
＊SSID is written on the included setup information sheet Xs are random half-width characters selected from the numbers 0 to 9 and letters a to f.

Encryption key
Encryption key is written on the encryption key label on the bottom surface of product and the included setup information sheet.

設定情報シート（初期値）

2.4G SSID	elecom2g-1234ab
5G SSID	elecom5g-1234ab
こどもネット SSID	e-timer-1234aba
暗号化方式	WPA/WPA2-mixed
暗号キー	1234567890abc

Setup information sheet

Encryption key
(A 13-character random combination of the numbers 0 to 9 and letters A to H will go in the place of X.)

Encryption key label

2.4G SSID :   elecom2g-XXXXXX
5G SSID :   elecom5g-XXXXXX
こどもネット SSID : e-timer-XXXXXX
Key: XXXXXXXXXXXXX

Installation method and precautions

This product can be installed vertically or horizontally. With either orientation, be sure to stabilize the product by setting it into the included stand. Also, with either orientation, take measures to prevent the product from falling over and the cables from being pulled out. The product falling over or the cables being pulled out from the connectors while the product is in operation may lead to malfunctions or data loss.

The stand is not fixed to the product. Connect the cables to the product, and then set the product into the stand.

◆Vertical orientation
・ Use the side with the LED lamps as the front.
・ Refer to the illustration and set the product into the included stand so that the back of the product fits snugly in the grooves on the stand.
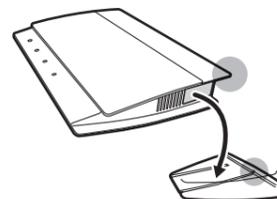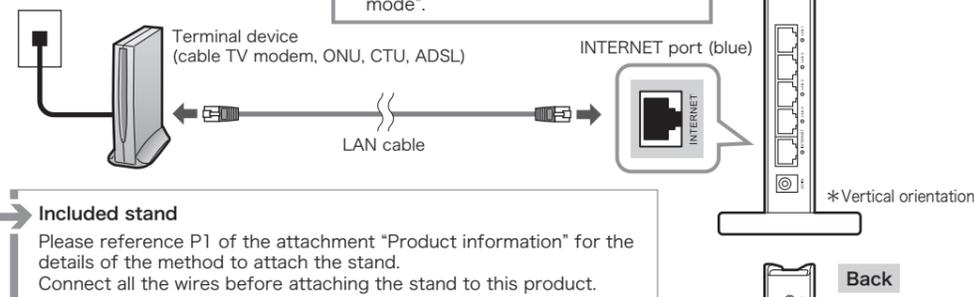
◆Horizontal orientation
・ Use the side with the LED lamps as the top.
・ Place the product on the included stand so that the product is on top of the center, back part of the stand, and then ensure that the product is steady.
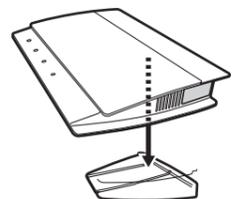
How to install this product (wireless router)

1 Connect the devices.

Refer to the diagram and wire the devices.

Before wiring, check the mode switch on the back of product is on the "RT side".
＊Initial setting is "RT mode".

AP mode / RT mode

Terminal device (cable TV modem, ONU, CTU, ADSL)

LAN cable

INTERNET port (blue)

Back

＊Vertical orientation

Included stand
Please reference P1 of the attachment "Product information" for the details of the method to attach the stand.
Connect all the wires before attaching the stand to this product.

**2 Turn on the terminal device and this product.**

❶Connect the power cable of the terminal device.
If a power switch is present, slide the switch to the on position.

❷Connect the included AC adapter to this product.

Back

AC adapter

AC outlet

❶To an AC outlet
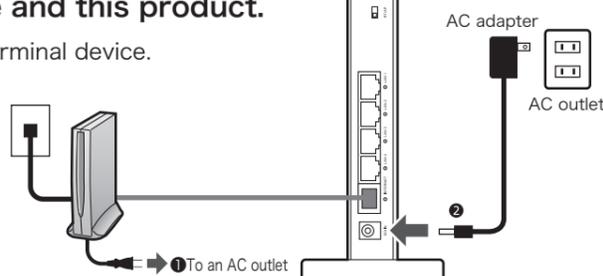
3 Check the lit status of the lamps.

・ Check that the lamps on the modem or similar device and this product are lit correctly.

POWER : Lit

背面

INTERNET: Blinking or solid
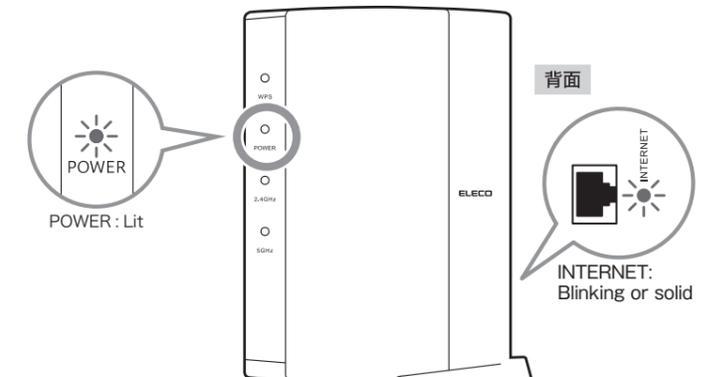
* There is no 5G WLAN lamp on the WRC-300GHBK2-I.

Configuring settings from smartphones and tablet PC's

STEP 1 — Connect to this product (wireless master device)

For Android

＊We recommend that you turn the Bluetooth function off in order to prevent radio wave interference.

The procedure when using a model with camera function, Android 2.3 or later is described. Please read the explanation in the PDF version of users manual for other models.
＊Download the users manual from the ELECOM web site.
■ Operating environment: Android OS 2.3 to 5.0
  We recommend devices equipped with cameras that have autofocus functionality.

1. Search for [QR link] in the "Google Play Store," and then install this application.

2. On your terminal's home screen, tap the [QR link] icon.

3. If the screen asking for confirmation that you have prepared to connect to the Internet appears, tap [Preparation complete].

4. Tap [Read QR code].

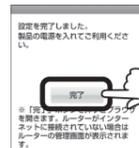5. Display the QR code within the readable range to read.

Included information sheet

6. Tap [Next].

7. Tap [Completed].

8. The display returns to the application screen. Tap [Completed].

9. The process to connect an Android terminal to this product is now completed.
   ・ If the setting to connect this device to the Internet is not completed, the screen switches to the user name and password input screen. Read from Procedure 1 of STEP 2 below.

For iOS (iPhone/iPad/iPod touch)

＊We recommend that you turn the Bluetooth function off in order to prevent radio wave interference.

The procedure when using a model with camera function, iOS 4.0 or later is described. Please read the explanation in the PDF version of users manual for other models.
＊Download the users manual from the ELECOM web site.
■ Operating environment: iOS 4.0 to 8.2

1. Search for [QR link] in the "App Store," and then install this application.

2. On your terminal's home screen, tap the [QR link] icon.

3. If the screen asking for confirmation that you have prepared to connect to the Internet appears, tap [Preparation complete].

4. Tap [Read QR code].

5. Display the QR code within the readable range to read.

Included information sheet

6. Tap [Next].

7. Tap [Install].

8. Tap [Install].
   → If the password lock is set in the terminal, unlock the password lock.

9. Tap [Completed].

10. The display returns to the application screen. Tap [Completed].

11. The process to connect an iPhone or other iOS device to this product is now completed.
    ・ If the setting to connect this device to the Internet is not completed, the screen switches to the user name and password input screen. Read from Procedure 1 of STEP 2 below.
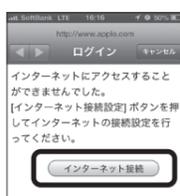
STEP 2 — How to connect to the Internet

1. Open a web browser.
   ● If you can connect to the Internet, the settings are complete.
   ● If the screen on the right is displayed, tap [Connect to the Internet], and then proceed to Procedure 2 .

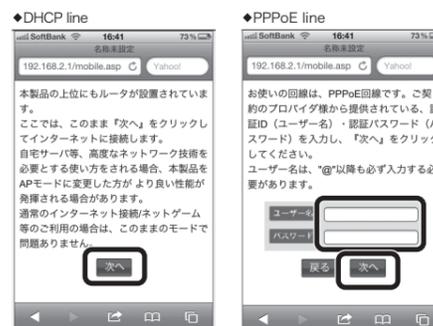2. Enter "admin" for both the user name and the password, and then tap [Login].
   ・ Use only half-sized lowercase letters.

3. Tap [Start] and follow the on-screen instructions to configure the settings.

4. One of the following screens will be displayed, depending on the line you use.

   ◆ DHCP line
   ◆ PPPoE line

   → When static IP screen is displayed
   Enter the address or other information provided by the provider and tap [Next].

   ◆ DHCP line   Tap [Next].
   ◆ PPPoE line
   Enter the "User name" and "Password" provided by the provider and tap [Next].
   ＊Please make sure to enter the full user name including the @ symbol and the portion that follows it.
   (Ex) userid123@elecom.net
        User name   Provider identifier

5. If the screen on the right is displayed, the connection to the Internet is completed.