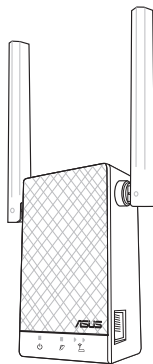




RP-AC55

Wireless AC1200 Repeater



Quick Start Guide

U14322/ Third Edition / May 2018



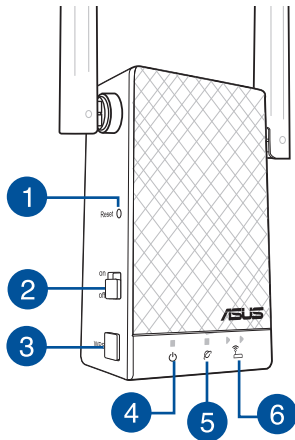
Package contents

- ☒ RP-AC55 Wireless AC1200 Repeater
- ☒ Warranty Card

- ☒ Quick Start Guide

NOTE: If any of the items is damaged or missing, please contact your retailer.

A quick look



- 1) Reset button
- 2) Power switch
- 3) WPS button
- 4)  Power LED
On: RP-AC55 is power on.
Off: RP-AC55 is power off.
- 5)  Existing network LED
On: Connected to the router/AP.
Off: Not connected to the router/AP.
- 6)  Move closer
Need to move RP-AC55 closer to the router/AP.
 Move away slightly
Need to move RP-AC55 slightly away from the router/AP.

Setting up the Repeater

Turning the Repeater on

1. Place your RP-AC55 near your Router/AP and plug it to a power outlet. Press the power switch to ON.
2. Wait until the power LED changes from red to solid blue, indicating that RP-AC55 is ready to connect to the existing network.



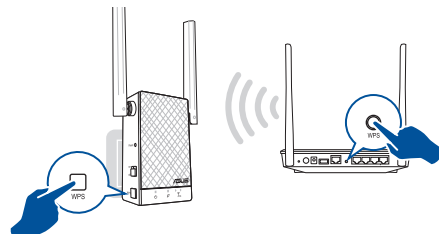
Connecting to a network

Select one of the following ways to connect the Repeater to a network.

Method One: Using WPS (Wi-Fi Protected Setup)

1. Press the WPS button on the router/AP.
2. Press the WPS button of RP-AC55 for more than five (5) seconds until the Power LED starts to blink.

NOTE: Refer to the section **A quick look** for the location of the WPS button.



3. Check if RP-AC55's Wi-Fi indicator turns solid light, which indicates that the Repeater has connected to the wireless network successfully. The Repeater's wireless network name (SSID) changes to your existing Wi-Fi network name, ending with **_RPT** or **_RPT5G**. For example:

Existing Wi-Fi network name: existing NetworkName

New Extender 2.4GHz network name: existing NetworkName_RPT

New Extender 5GHz network name: existing NetworkName_RPT5G

To connect an additional Wi-Fi device to your extended network, use the same network password as that of your existing wireless router.

Method Two: Connecting through GUI

1. Use a Wi-Fi enabled device, such as your desktop PC/notebook/tablet, to find and connect to **ASUS_RPAC55/ASUS_RPAC55_5G** wireless network.
2. Launch a web browser and enter <http://repeater.asus.com> in the address bar to access the Repeater.



3. Follow the **Quick Extender Setup** steps to set up the Repeater:

- Connect to a Wi-Fi network and when prompted, enter the security key. If your Wi-Fi network is hidden, click **Manual setting**.
- Tick **Same with Parent AP SSID/Password** to copy the router/AP's SSID and password for your extended network. You could also set a unique SSID and password for your extended network by typing in the text box. When done, click **Apply**.

NOTE: The Repeater's default SSID and password is the same as that of your router/AP, with the SSID ending with **_RPT** or **_RPT5G**. You can change these default settings to a unique SSID and password.

- Connect your wireless devices to the new extended network.



Moving the Repeater

- When the connection is complete, place your RP-AC55 between the router/AP and the wireless device to get the best performance.
- After placing your RP-AC55 in an ideal location, RP-AC55 connects to your router/AP in about one (1) minute.

Frequently Asked Questions

Q1: What should I do if my router does not support WPS?

- You can use Method Two to set up RP-AC55.

Q2: Why is it that the LED indicator for the current network does not light up after the Wi-Fi setup is complete?

- You may have entered the wrong password for the router/AP. Please restart your RP-AC55, enter the correct password, and try to set up your RP-AC55 again.

Q3: Why is it that I cannot see the login page after entering <http://repeater.asus.com> in the browser?

- Ensure that your computer is connected to your RP-AC55 network only, and set your computer to **Obtain an IP address automatically**. If you still cannot find the login page, please download the ASUS Device Discovery utility. You can download the utility for Windows and Mac from <https://www.asus.com/Networking/RP-AC55/HelpDesk> **Download**.

Q4: How do I reset RP-AC55?

- Press the RESET button on the side of RP-AC55 for about two (2) seconds. Wait for about five (5) seconds until the existing network LED blinks slowly.

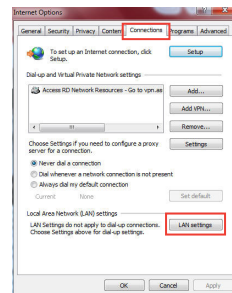
Q5: I cannot access the web GUI to configure the RP-AC55 settings.

- Close all running web browsers and launch again.
- Follow the steps below to configure your computer settings based on its operating system.

Windows 7

A. Disable the proxy server, if enabled.

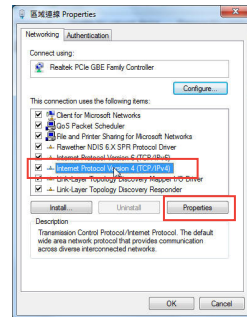
- Click **Start** > **Internet Explorer** to launch the web browser.
- Click **Tools** > **Internet options** > **Connections** tab > **LAN settings**.
- From the Local Area Network (LAN) Settings screen, untick **Use a proxy server for your LAN**.
- Click **OK** when done.





B. Set the TCP/IP settings to automatically obtain an IP address.

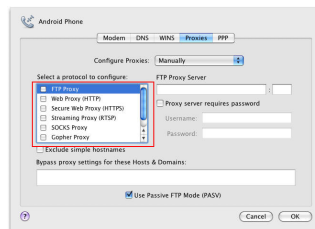
1. Click **Start > Control Panel > Network and Internet > Network and Sharing Center > Manage network connections**.
2. Select **Internet Protocol Version 4 (TCP/IPv4)**, then click **Properties**.
3. Tick **Obtain an IP address automatically**.
4. Click **OK** when done.



Mac OS

A. Disable the proxy server, if enabled.

1. From the menu bar, click **Safari > Preferences... > Advanced** tab.
2. Click **Change Settings...** in the **Proxies** field.
3. From the list of protocols, deselect **FTP Proxy** and **Web Proxy (HTTP)**.
4. Click **OK** when done.



B. Set the TCP/IP settings to automatically obtain an IP address.

1. Click the Apple icon  > **System Preferences** > **Network**.
2. Select **Ethernet** and select **Using DHCP** in the **Configure** field.
3. Click **Apply** when done.

