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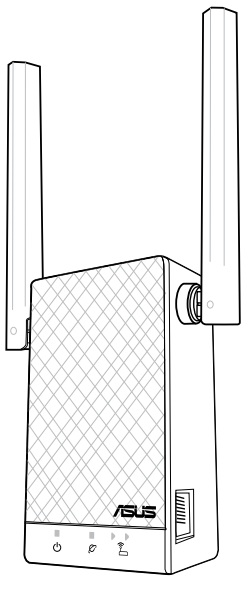
Quick Start Guide

RP-AC55
Wireless AC1200 Repeater

E12399 / First Edition / March 2017



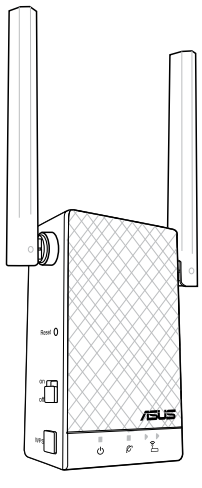
LED explanations

POWER
On: RP-AC55 is power on.
Off: RP-AC55 is power off.

EXISTING NETWORK
On: Connected to the router/AP.
Off: Not connected to the router/AP.

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.

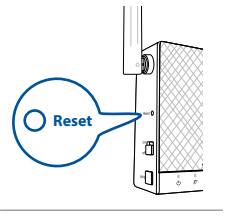


Button explanations

POWER SWITCH
Switch this button on/off to turn RP-AC55 on/off.

WPS BUTTON
Press this button to quickly connect to the router/AP via the WPS method.

RESET BUTTON
Use a pin to push this button to reset RP-AC55 to its factory default settings.

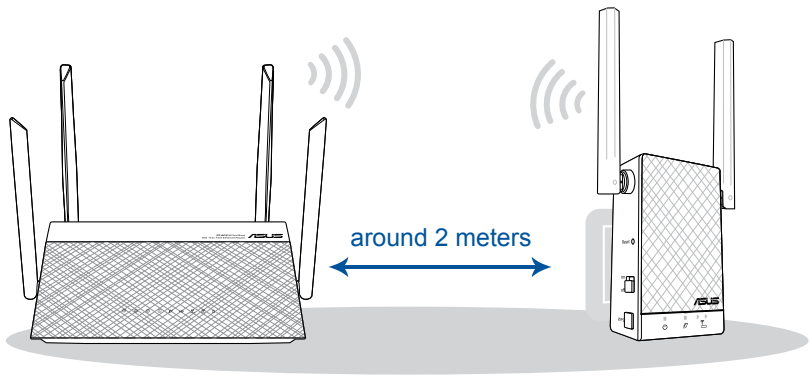


BEFORE SETUP

WE SUGGEST...

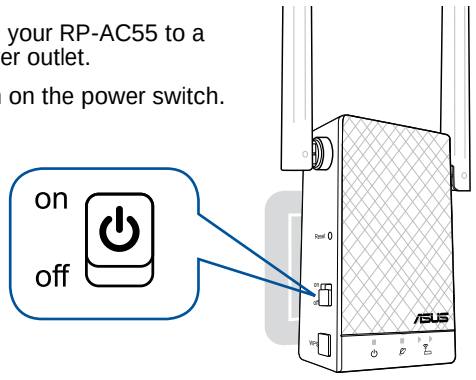
01 Placing your RP-AC55

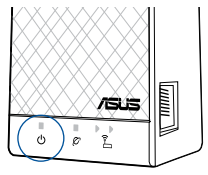
1. Place your RP-AC55 near your router/AP.
2. Check the LEDs and see the LED explanations.



02 Power On

1. Plug your RP-AC55 to a power outlet.
2. Turn on the power switch.





Wait until the power LED turns blue, indicating that your RP-AC55 is ready to connect to your existing router/AP.

SETUP METHODS

METHOD 1 APP SUPPORT

01 Download the app

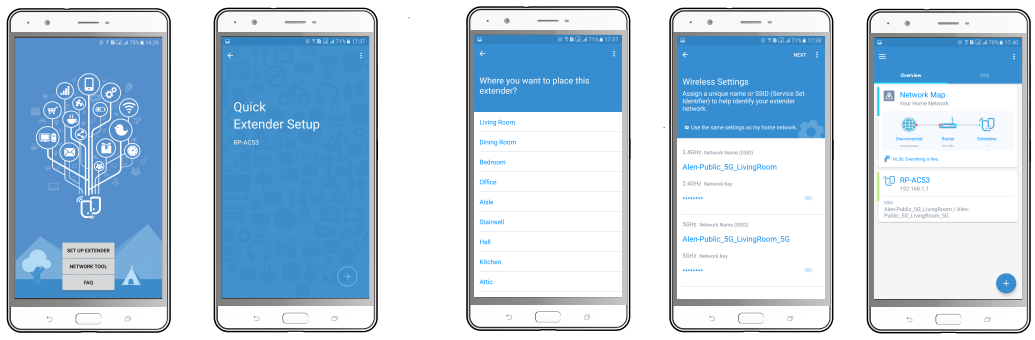
ASUS Extender

GET IT ON Google Play

Download on the App Store

ASUS Extender

02 Use the app

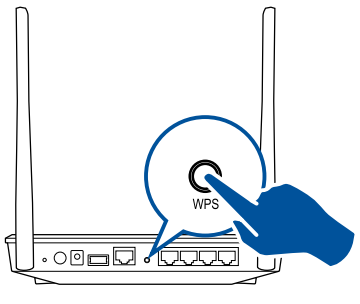


1. Tap **SET UP EXTENDER**.
2. Open your phone Wi-Fi, and connect to your RP-AC55's SSID.
3. Follow the Quick Extender Setup instructions.
4. Assign a unique network name (SSID) for your extended network.
5. Wait until the setup is completed.

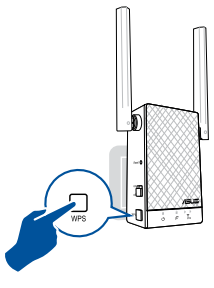
METHOD 2 WPS SUPPORT

01 Connect via WPS

1. Press the WPS button on your router/AP.

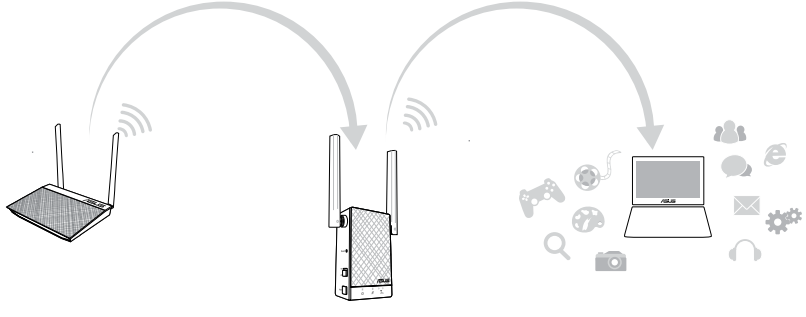


2. Press the WPS button on your RP-AC55 for more than two (2) seconds until the power LED starts to blink.



NOTE: Wait until the existing network LED blinks for about two (2) minutes, then turns solid blue, indicating the WPS process is completed.

02 Enjoy Wi-Fi

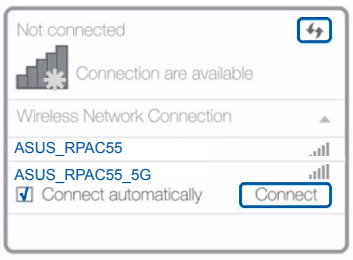


Your RP-AC55's wireless network name (SSID) changes to your existing Wi-Fi network name, ending with **_RPT** or **_RPT5G** and shares your router/AP's Wireless Password.

METHOD 3 WEB SUPPORT

01 Connect

NOTE: The screenshot below is from a desktop PC.



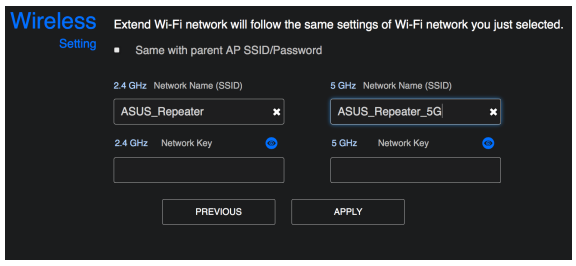
Disconnect your Ethernet (wired) connection from your computer. Click the Wi-Fi icon on the taskbar and connect to RP-AC55's network: **ASUS_RPAC55** or **ASUS_RPAC55_5G**.

02 Extend

1. On a web browser, enter **http://repeater.asus.com**.
2. Set a unique repeater login name and password.
3. Select the existing network you want to extend.

03 Configure

1. 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**.

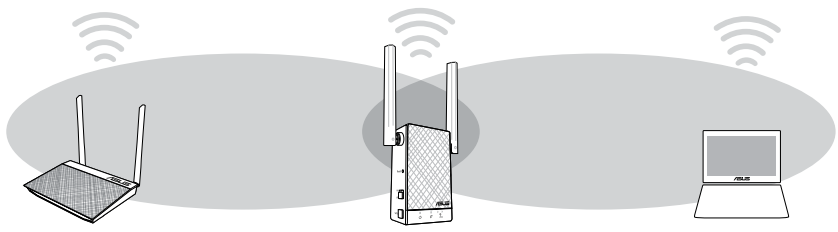


RELOCATION

FIND THE BEST PLACE

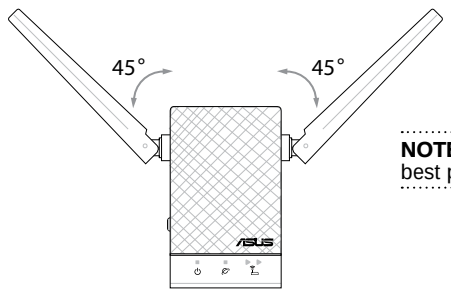
After a successful setup

Place your RP-AC55 between your router/AP and wireless device to get the best performance.



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.



NOTE: Orient the two antennas at 45° angle for the best performance.

NOTE: To minimize maintenance, keep your RP-AC55 away from devices such as cordless phones, Bluetooth devices, and microwave ovens.

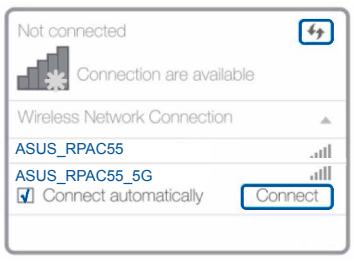
IMPORTANT! We recommend that you place your RP-AC55 in open or spacious location.

AP MODE

AP MODE SETUP

01 Connect

NOTE: The screenshot below is from a desktop PC.

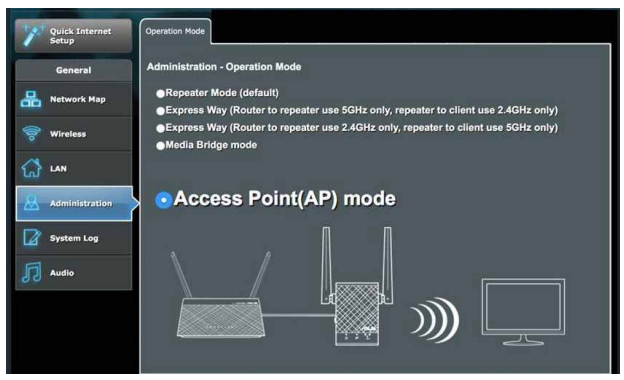


Disconnect your Ethernet (wired) connection from your computer. Click the Wi-Fi icon on the taskbar and connect to RP-AC55's network: **ASUS_RPAC55** or **ASUS_RPAC55_5G**.

02 Log in

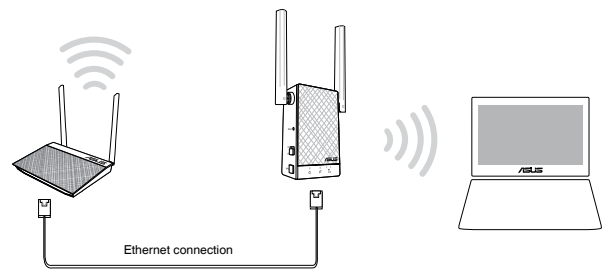
1. Enter your login account and password.
2. From your RP-AC55's web interface, click **Administration**, and select **Access Point mode**.

NOTE: You can also change to different modes from this page.



03 Setup

1. Set up the network name (SSID) and click **Apply**.
2. After your RP-AC55 has rebooted, connect your RP-AC55 and router/AP using an Ethernet cable.



NOTE: We recommend that you use Cat 5e cable or higher.

FAQ

FREQUENTLY ASKED QUESTIONS

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

A: You can use Method One or Method Three to set up your 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?

A: 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?

A: 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.

Q4 How do I reset RP-AC55?

A: 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.