Quick Start Guide
RP-AC51
Wi-Fi AC Repeater

E12398 / First Edition / March 2017

LED explanations
POWER
On: RP-AC51 is power on.
Off: RP-AC51 is power off.
EXISTING NETWORK
On: Connected to the router/AP.
Off: Not connected to the router/AP.
MOVE CLOSER
Need to move RP-AC51 closer to the router/AP.
MOVE AWAY SLIGHTLY
Need to move RP-AC51 slightly away from the router/AP.

Button explanations
POWER SWITCH
Switch this button on/off to turn RP-AC51 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-AC51 to its factory default settings.

BEFORE SETUP

WE SUGGEST...

01 Placing your RP-AC51
1. Place your RP-AC51 near your router/AP.
2. Check the LEDs and see the LED explanations.

02 Power On
1. Plug your RP-AC51 to a power outlet.
2. Turn on the power switch.

Wait until the power LED turns blue, indicating that your RP-AC51 is ready to connect to your existing router/AP.

SETUP METHODS

METHOD 1 APP SUPPORT

01 Download the app
Download the app and open your phone Wi-Fi, and connect to your RP-AC51’s SSID.

02 Use the app
1. Tap SET UP EXTENDER.
2. Follow the Quick Extender Setup instructions.
3. Assign a unique network name (SSID) for your extended network.
4. 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-AC51 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-AC51’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.
Disconnect your Ethernet (wired) connection from your computer. Click the Wi-Fi icon on the taskbar and connect to RP-AC51’s network: **ASUS_RPAC51** or **ASUS_RPAC51_5G**.

**NOTE:** The screenshot below is from a desktop PC.

**ON WEB BROWSER**

1. Enter your login account and password.
2. From your RP-AC51’s web interface, click **Administration**, and select **Access Point mode**.

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

**AP MODE**

**01 Connect**

Disconnect your Ethernet (wired) connection from your computer. Click the Wi-Fi icon on the taskbar and connect to RP-AC51’s network: **ASUS_RPAC51** or **ASUS_RPAC51_5G**.

**RELOCATION**

After a successful setup, place your RP-AC51 between your router/AP and wireless device to get the best performance.

**AP MODE SETUP**

**01 Connect**

**02 Log in**

Enter your login account and password.

**03 Setup**

Set up the network name (SSID) and click **Apply**.

**FAQ**

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-AC51.

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-AC51, enter the correct password, and try to set up your RP-AC51 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-AC51 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-AC51?
A: Press the RESET button on the side of RP-AC51 for about two (2) seconds. Wait for about five (5) seconds until the existing network LED blinks slowly.

**FIND THE BEST PLACE**

Place your RP-AC51 between your router/AP and wireless device to get the best performance.

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

**METHOD 3 WEB SUPPORT**

01 Connect

**NOTE:** The screenshot below is from a desktop PC.

**ON WEB BROWSER**

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.

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

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**AP MODE**

**01 Connect**

**02 Log in**

**03 Setup**

**FREQUENTLY ASKED QUESTIONS**

**Q1**

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

**Q3**

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

**Q4**

**How do I reset RP-AC51?**