Hello, RE590T

Start Here >>

1 Install

Install the antennas and position them vertically.
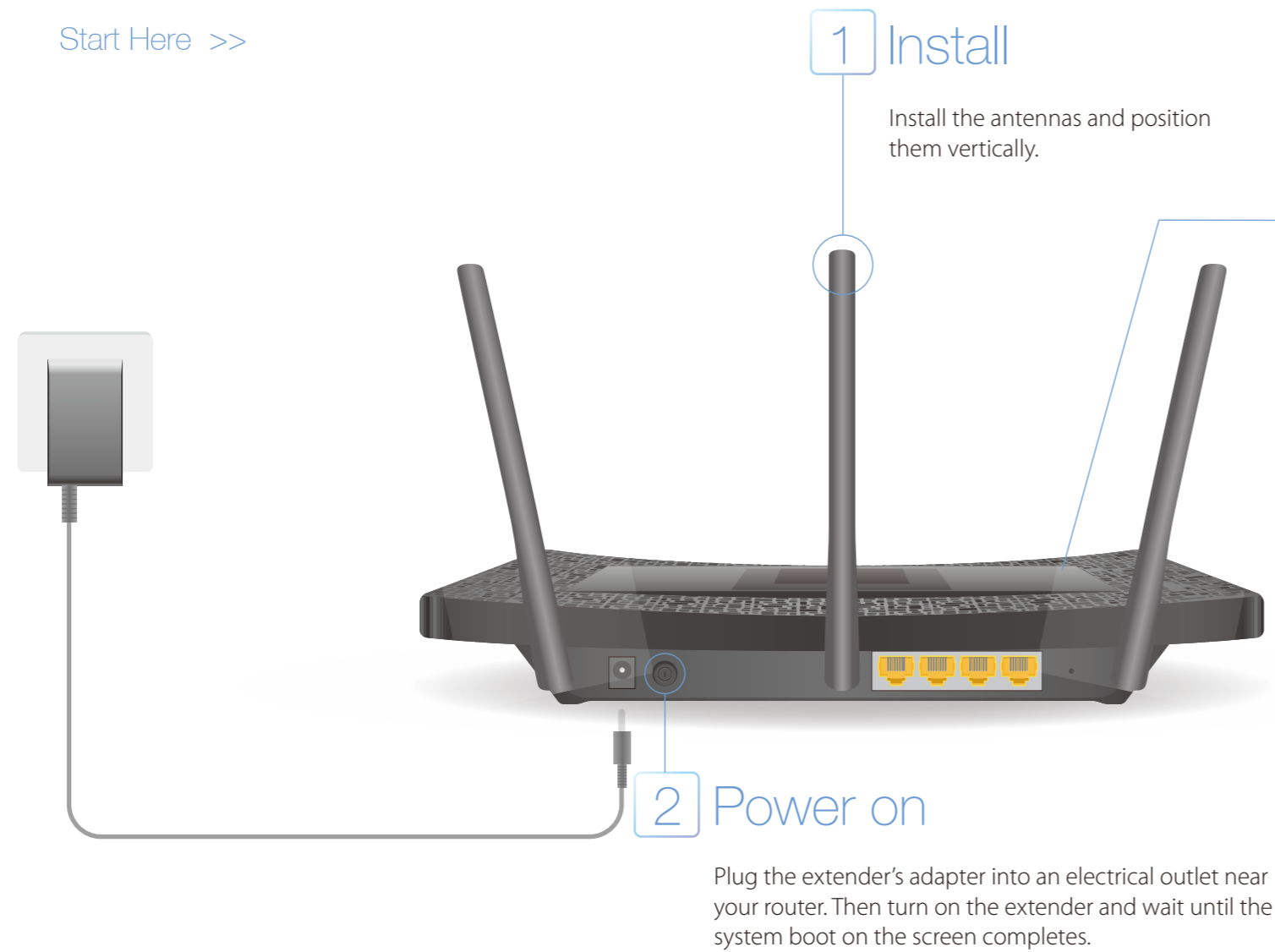
3 Configure

① Create a new administrator password (recommended) and tap **Save**.

② Select your router's **2.4GHz wireless network** and enter its password, and then tap **Next**.

③ Select your router's **5GHz wireless network** and enter its password, and then tap **Next**.
Note: If your router does not support the 5GHz band, tap Skip.

④ Either keep the default SSIDs or customize them for both 2.4GHz and 5GHz extended networks, and then tap **Next**.
Note: Please swipe up for the 5GHz settings.

⑤ Verify your wireless settings and tap **Finish**. Corresponding Wi-Fi signal icon(s) (📶 2.4GHz/ 📶 5GHz) at the top left of the touch screen should be lit.

2 Power on

Plug the extender's adapter into an electrical outlet near your router. Then turn on the extender and wait until the system boot on the screen completes.

4 Relocate

① Place the extender halfway between your wireless router (Host Network) and the Wi-Fi dead zone.

Host Network   Extended Network

Ideal Extender Placement

② Make sure the extender receives a strong signal (recommended signal strength 📶 or 📶) from your wireless router. If not, relocate it closer to the router.
Note: Make sure to place the extender away from all Bluetooth devices and other household electronics.

☺ Enjoy!

Connect your devices to the extender wirelessly or via an Ethernet cable.

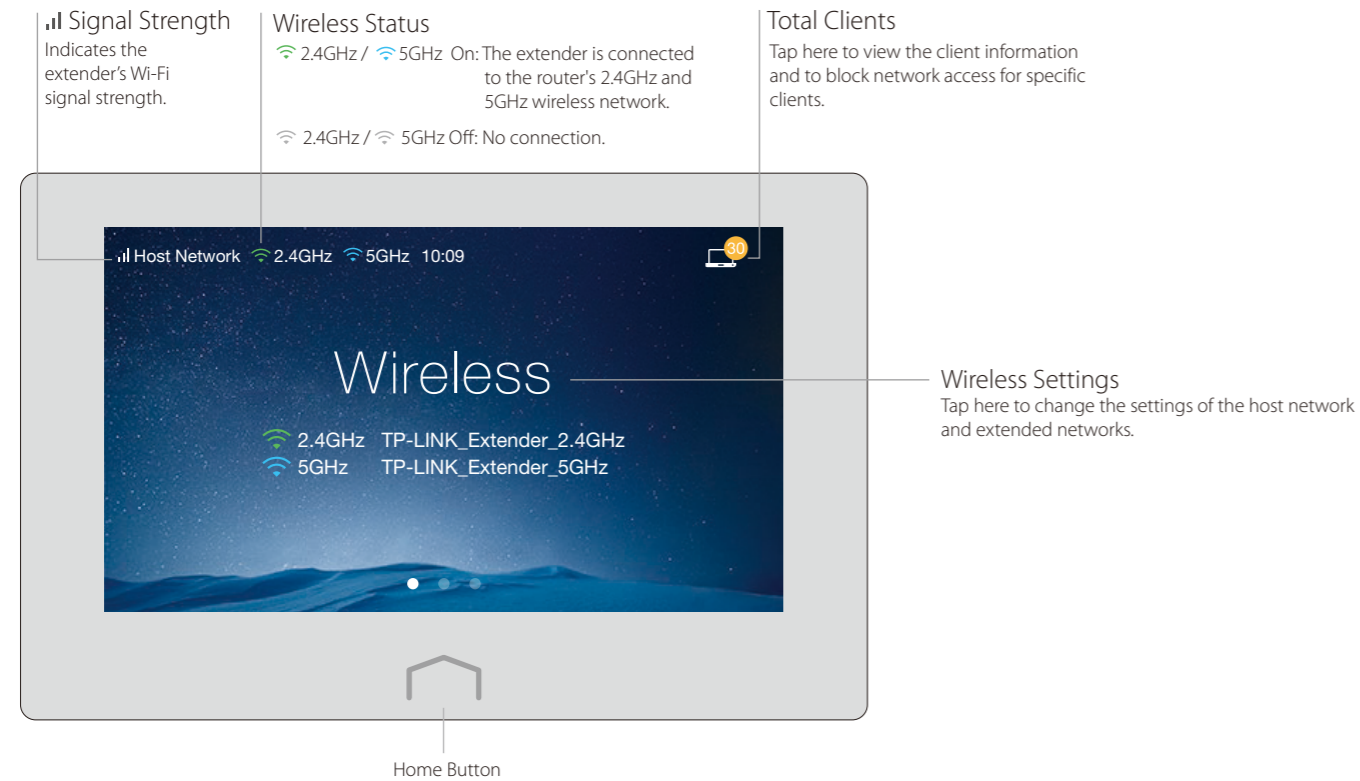Wireless   RE590T   Wired

Note:
1. Both extended networks share the same Wi-Fi password as your host network, but may have different wireless network names if you customize the names during the configuration.
2. To configure the extender using a web browser or WPS, please refer to FAQ > Q1.
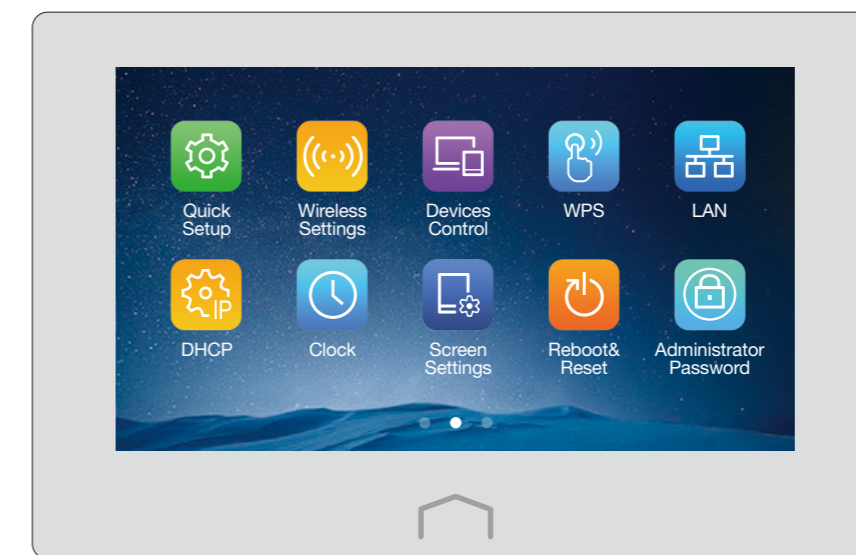
Touchscreen Introduction

The screen will go to sleep if idle for 3 minutes by default. Tap the Home button to wake it up.
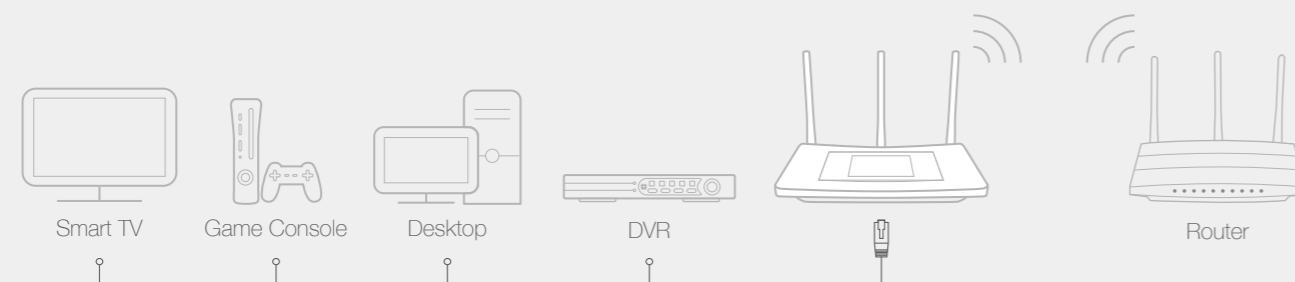
Home Screen

Signal Strength
Indicates the extender's Wi-Fi signal strength.

Wireless Status
🛜 2.4GHz / 🛜 5GHz On: The extender is connected to the router's 2.4GHz and 5GHz wireless network.

🛜 2.4GHz / 🛜 5GHz Off: No connection.

Total Clients
Tap here to view the client information and to block network access for specific clients.

Host Network 2.4GHz 5GHz 10:09

Wireless

2.4GHz   TP-LINK_Extender_2.4GHz
5GHz   TP-LINK_Extender_5GHz

Wireless Settings
Tap here to change the settings of the host network and extended networks.

Home Button

Menu Screen

Tap the icons to perform various functions, such as Wireless Settings, WPS, Devices Control, etc.

| Quick Setup | Wireless Settings | Devices Control | WPS | LAN |
| DHCP | Clock | Screen Settings | Reboot& Reset | Administrator Password |

Entertainment Adapter

The extender can also be used as a wireless adapter that connects up to 4 Ethernet-only devices to your Wi-Fi network, such as a Blu-ray player, game console, DVR, smart TV, etc.

First, connect the extender to your Wi-FI network, and then connect your Ethernet-only devices to the extender via Ethernet cables.

Smart TV   Game Console   Desktop   DVR   Router

FAQ (Frequently Asked Questions)

Q1. Are there other ways to connect the extender to my Wi-Fi network?

- **Using Web browser**: Enter http://tplinkrepeater.net in the address bar of a web browser. Use **admin** (all lowercase) for both username and password, and then click **Login**. Follow the Quick Setup wizard to configure the extender.
- **Using WPS**: Press the WPS button on your router, tap **WPS** on the menu screen, and then tap **Start WPS**. Once the WPS connection is successful, a success message displays.

Q2. What can I do if I forgot my administrator password?

- If you forget your administrator password, you must restore the extender to the factory defaults, and then create a new administrator password.

Q3. How do I restore the extender to its factory default settings?

- Tap **Reboot & Reset** on the menu screen, and then tap **Reset**.
- With the extender powered on, press and hold the **Reset** button on the rear panel until the RE590T logo displays.