

Quick Installation Guide

11AC Wireless Gigabit Access Point

AP300 / AP500



Before your start

Which mode do you need? Please refer to the table to choose a proper mode.

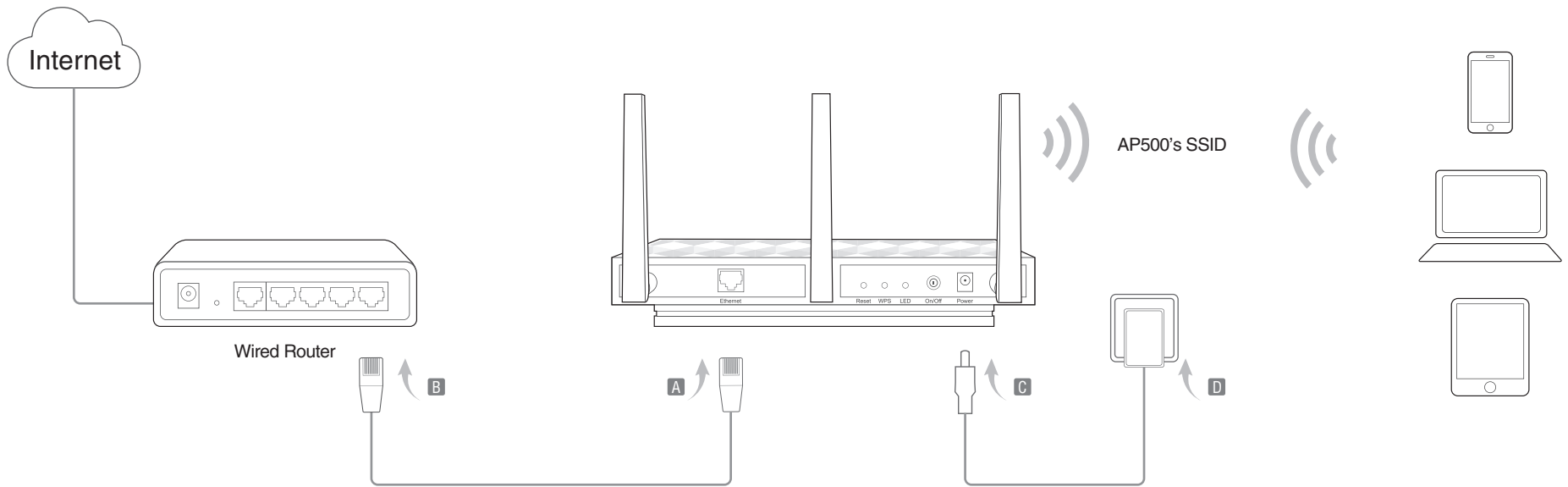
Scenarios	Operating Modes
You want to convert your wired (Ethernet) network to a wireless network.	AP Mode (Default Mode)
You are in a Wi-Fi dead-zone or a place with weak wireless signal. You want to have a greater effective range of the wireless signal throughout your home or office.	Repeater/Bridge Mode
You have a wired device with an Ethernet port and no wireless capability, for example, a Smart TV, Media Player, or game console. You want to connect it to the Internet wirelessly.	Client Mode

Configure the AP Device

Note: AP500 is used for demonstration in this installation guide.

•AP Mode (Default)

The AP device transforms your wired network into wireless.



1. Connect the AP device according to steps **A** to **D** in the diagram.
2. Turn on the power and wait until the Power (⏻) and Wireless (📶) LEDs are lit and stable, use the default SSID and Password printed on the product label to join the AP device's Wi-Fi network.
Note: You can enjoy the Internet surfing now. For your wireless network security, it is recommended to change the default SSID (network name) and the password of your Wi-Fi network. To do so, perform the following steps.
3. Launch a web browser and enter <http://tplinkap.net>, then log in using **admin** (all lowercase) for both Username and Password.

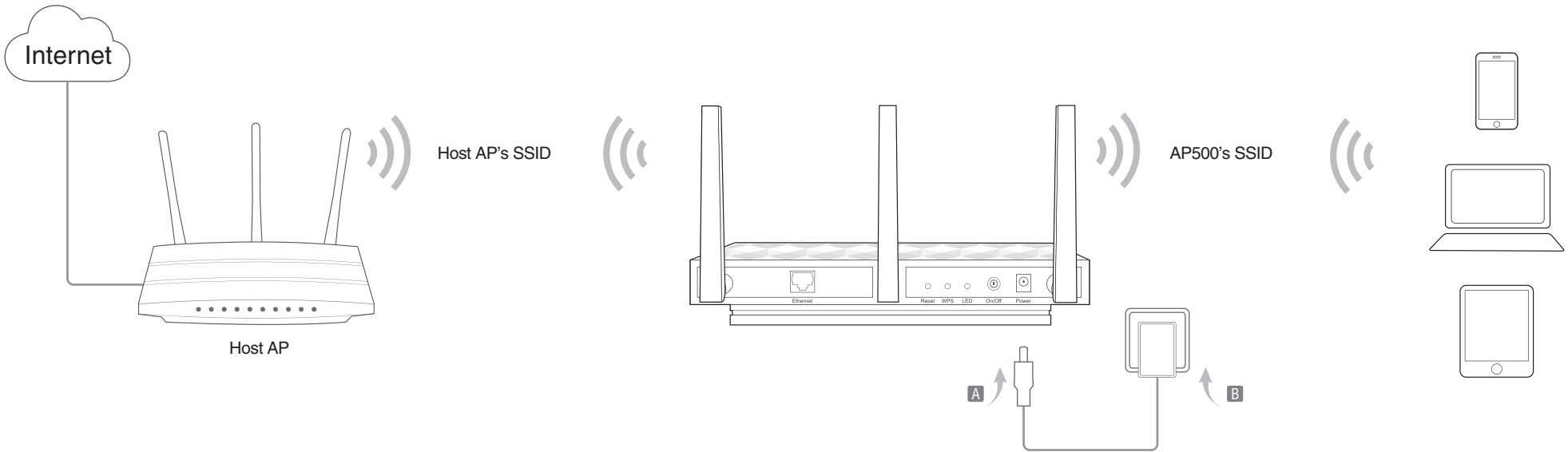
4. Click **Quick Setup**, then select your **Region** and click **Next**.
5. Select **Access Point** mode and click **Next** to customize your Wi-Fi settings. Follow the step-by-step on-screen instructions to complete the configuration.

Now, reconnect your wireless devices to the new Wi-Fi network.



•Repeater/Bridge Mode

The AP device extends the range of an existing Wi-Fi network.



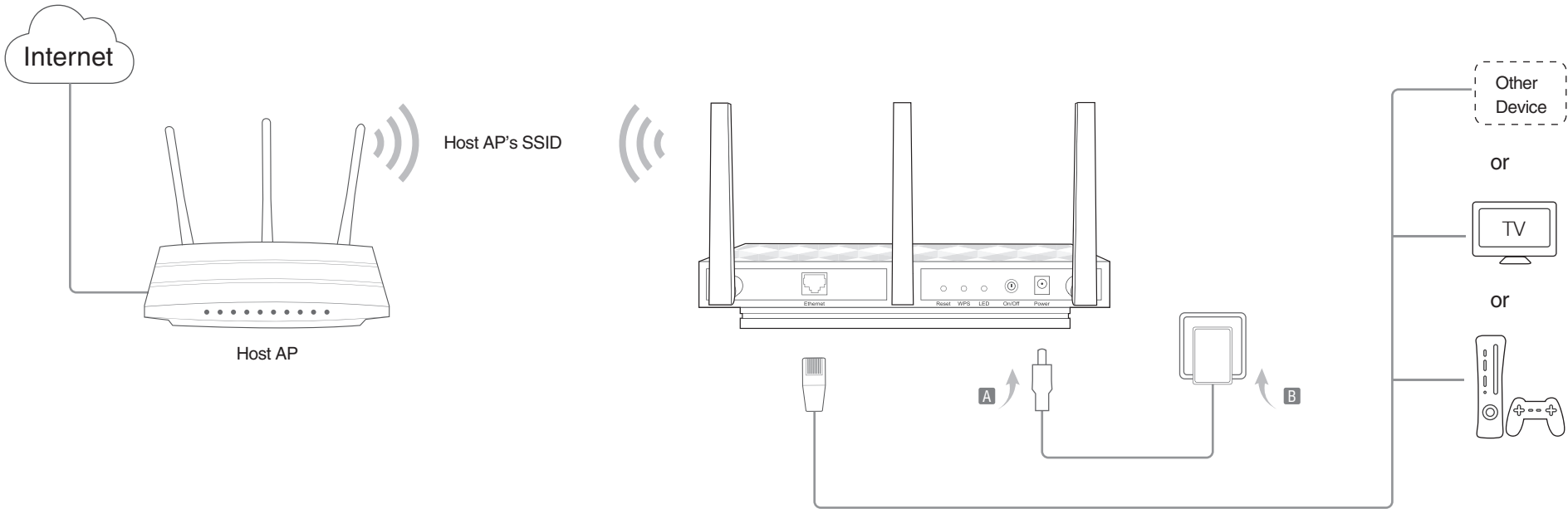
1. Connect the AP device according to steps **A** and **B** in the diagram.
2. Turn on the power and wait until the Power (⏻) and Wireless (📶) LEDs are lit and stable, use the default SSID and Password printed on the product label to join the AP device's Wi-Fi network.
3. Launch a web browser and enter <http://tplinkap.net>, then log in using **admin** (all lowercase) for both Username and Password.
4. Click **Quick Setup**, then select your **Region** and click **Next**.

5. Select **Repeater/Bridge** mode and click **Next**. Follow the step-by-step on-screen instructions to complete the configuration.
6. Relocate the AP device to a good place. For details, you can refer to Q5 in Frequently Asked Questions (FAQ).

Now, connect your wireless devices to the Wi-Fi network using the AP device's SSID and password.



•Client Mode The AP device functions as a wireless adapter to connect the wired device (e.g. Xbox/TV) to a wireless network.



1. Connect the device according to the steps A and B in the diagram.

2. Turn on the power and wait until the Power () LED is lit and stable.

3. Connect your computer or smart device to the AP device via a wired or wireless connection. The default SSID and wireless password are printed on the product label.

4. Launch a web browser and enter `http://tplinkap.net`, then log in using `admin` (all lowercase) for both Username and Password.
5. Click **Quick Setup**, then select your **Region** and click **Next**.

6. Select **Client** mode and click **Next**. Follow the step-by-step on-screen instructions to complete the configuration.
- Now, connect your wired-only device to the AP device using an Ethernet cable.
- Enjoy!

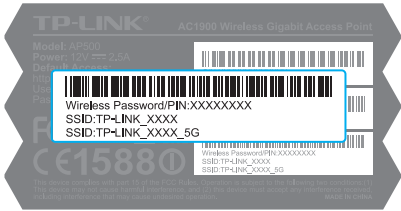
Hardware Information

LED:

LED	Status	Indication
Power	On Off Blinking	The device is on. The device is off. The device is initializing or upgrading.
2.4GHz and 5GHz	On Off	AP/Multi-SSID mode The 2.4GHz and 5GHz wireless are working properly. The 2.4GHz and 5GHz wireless are disabled.
Ethernet	On Off	Repeater/Bridge/Client mode The host AP's 2.4GHz or 5GHz network is selected. The host AP's 2.4GHz or 5GHz network is not selected.
WPS/Signal Strength	Slow blinking On Quick blinking	WPS operation indicator WPS connection is in process. WPS connection is successful. WPS connection fails.
	Solid blue Solid orange Off	Signal strength indicator (Repeater/Bridge/Client mode) The signal strength is good. The signal strength is too weak. The device is disconnected from the host network.

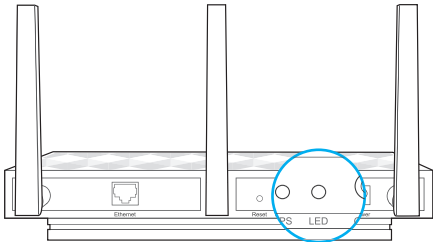
Default Wireless Network Information:

The default case-sensitive SSIDs (Network Names) and Wireless Password/PIN are printed on the product label.



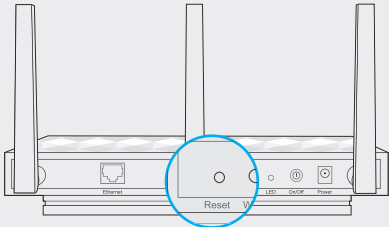
LED Button:

Press this button to turn on or turn off the LEDs.



Frequently Asked Questions (FAQ)

Q1. How do I restore the AP device to its factory default settings?
With the device powered on, use a pin to press and hold the Reset button for five seconds until the Power LED starts blinking, then release the button.



Note: Upon resetting, all previous configurations will be cleared, and the AP device will reset to the default AP Mode.

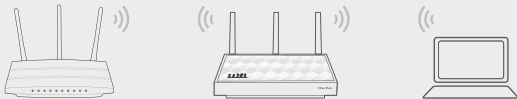
- Q2. What can I do if the login window does not appear?**
- Change the computer's static IP address to obtain an IP address automatically.
 - Verify if `http://tplinkap.net` or `http://192.168.0.254` is correctly entered in the web browser.
 - Use another web browser and try again.
 - Reboot your AP device and try again.
 - Power off your host AP and enter `http://tplinkap.net` into the web browser to try again.

- Q3. How do I recover the AP device's web management password or retrieve my Wi-Fi password?**
- If you forget the password required to access the AP device's web management page and your Wi-Fi password, you must restore the AP device to its factory default settings.
 - If your forget your Wi-Fi password, but are able to access the AP device's management interface, connect a computer or mobile device to the AP device via wired or wireless. Log in and go to Advanced > Wireless > Basic Settings to retrieve or reset your Wi-Fi password.

- Q4. What can I do if my wireless is not stable?**
- It may be caused by too much interference, you can try the following methods:
- Set your wireless channel to a different channel.
 - Move the AP device to a new location away from Bluetooth devices and other household electronics, such as cordless phone, microwave, and baby monitor, etc., to minimize signal interference.

- Q5. What can I do to maximize my signal strength in Repeater/Bridge mode?**
- When choosing an ideal location to optimize wireless signal in Repeater/Bridge mode, please use the following recommendations.

- The Best Way is Halfway**
Generally, the ideal location for the repeater is halfway between your wireless router and your wireless clients. If that is not possible, place it closer to your wireless router to ensure stable performance.



- Less Obstacles Ensure Better Performance**
Choose a location with less obstacles that may block the signal between the AP device and the host network. An open corridor or a spacious location is ideal.
- Less Interference Provides More Stability**
Choose a location away from Bluetooth devices and other household electronics, such as cordless phone, microwave, and baby monitor, etc., to minimize signal interference.