TP-LINK®
The Reliable Choice

Quick Installation Guide
300Mbps Wireless AP/Client Router

TL-WR843N

EAC

Getting Started

Which mode do you need? Please refer to the table to choose the appropriate operation mode.

Scenarios	Operating Modes
I want to connect to a Wireless Internet Service Provider (WISP), and share the Internet with local devices.	WISP Client Router
The wired network is only limited to one device to connect at a time, but I want to share the Internet with more wireless devices.	Standard Wireless Router

You can configure the router using the Setup Wizard on the supplied CD-ROM (for Windows only), or simply follow the specific instructions in this Quick Installation Guide for your selected operation mode.

Configure the Router

• WISP Client Router Mode

Public Wi-Fi Network Name

TL-WR843N's Wi-Fi Name

or

LAN (1/2/3/4)
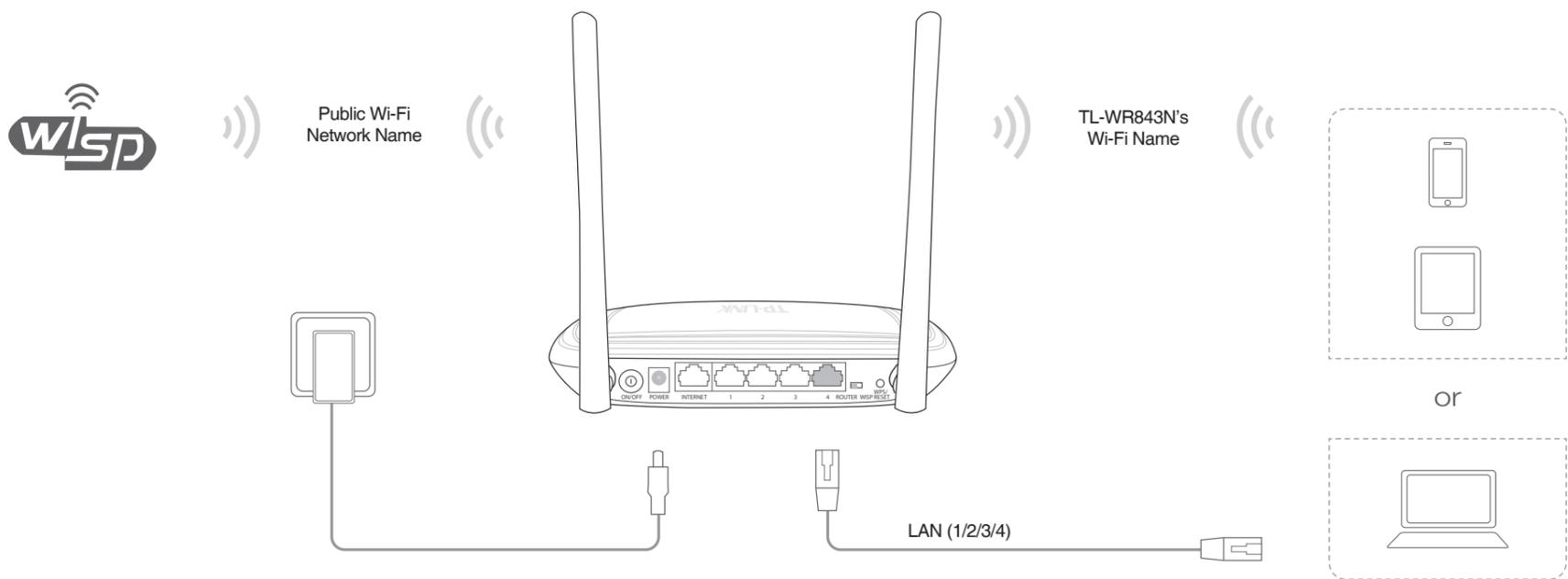
1   Connect the power adapter to your router and plug the power adapter into an outlet, and then press the **ON/OFF** button to turn on the router.

2   Connect your device to the router wirelessly or via an Ethernet cable. The Wi-Fi network name and password is on the router's label.

3   Launch a web browser and type **http://tplinkwifi.net** into the address bar. Enter **admin** (in lowercase) for both user name and password to log in.

4   Click **Quick Setup** on the left panel and click **Next** to start configuring the router. Select the **Control the system mode by software** checkbox. Select **WISP Client Router** mode and click **Next**.

5   Select the **WAN Connection Type** of your Internet Service Provider and follow the screen instructions to configure the router. In the most common setup, select **Dynamic IP**.

6   On the Wireless screen, click **Survey** to automatically find all available networks.

7   Click **Connect** button next to the Wi-Fi network you want to connect to.

8   Type in the selected Wi-Fi network's password when prompted. In the AP settings section, customize your Wi-Fi network name and password, then click **Next**.

9   Click **Reboot** to complete the configuration.

☺ Enjoy!

★ Power the router with the included passive PoE injector.
Use this when the router is installed in a location far from a power outlet.

Public Wi-Fi Network Name

TL-WR843N's Wi-Fi Name

Passive PoE Injector

or
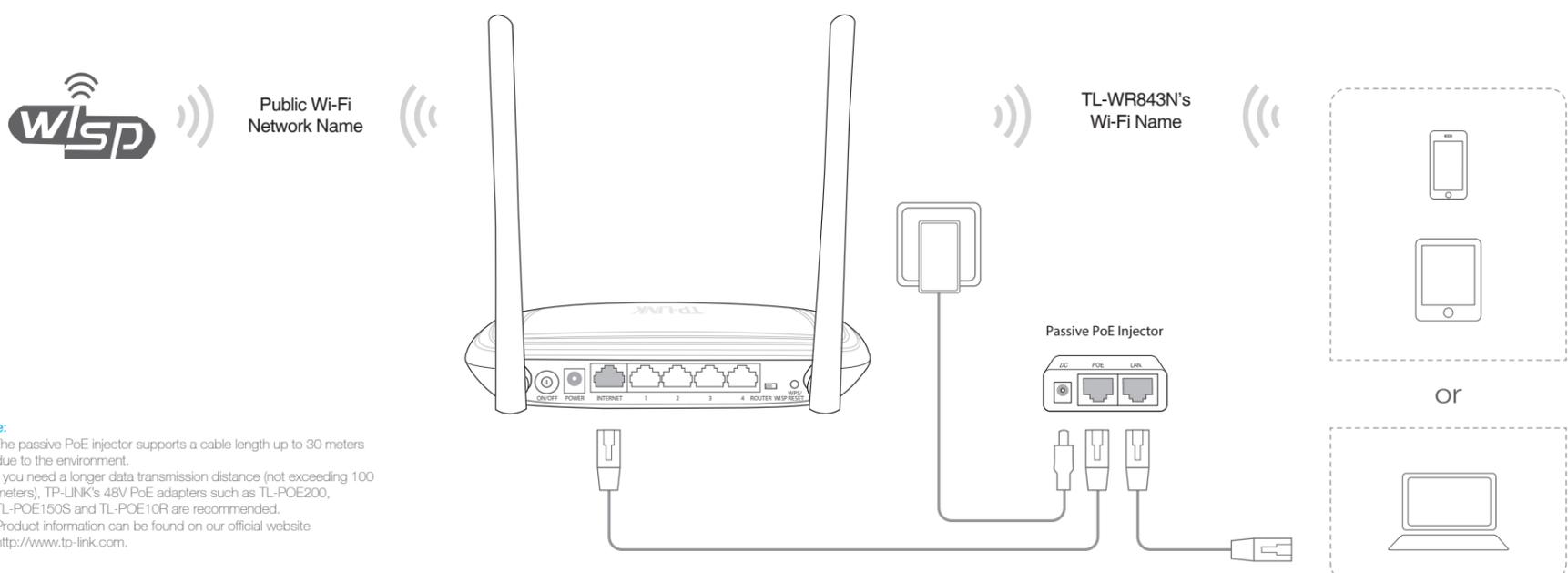
Note:
1. The passive PoE injector supports a cable length up to 30 meters due to the environment.
2. If you need a longer data transmission distance (not exceeding 100 meters), TP-LINK's 48V PoE adapters such as TL-POE200, TL-POE150S and TL-POE10R are recommended. Product information can be found on our official website http://www.tp-link.com.

• Standard Wireless Router Mode

Internet

Modem

TL-WR843N's
Wi-Fi Name

or

LAN (1/2/3/4)
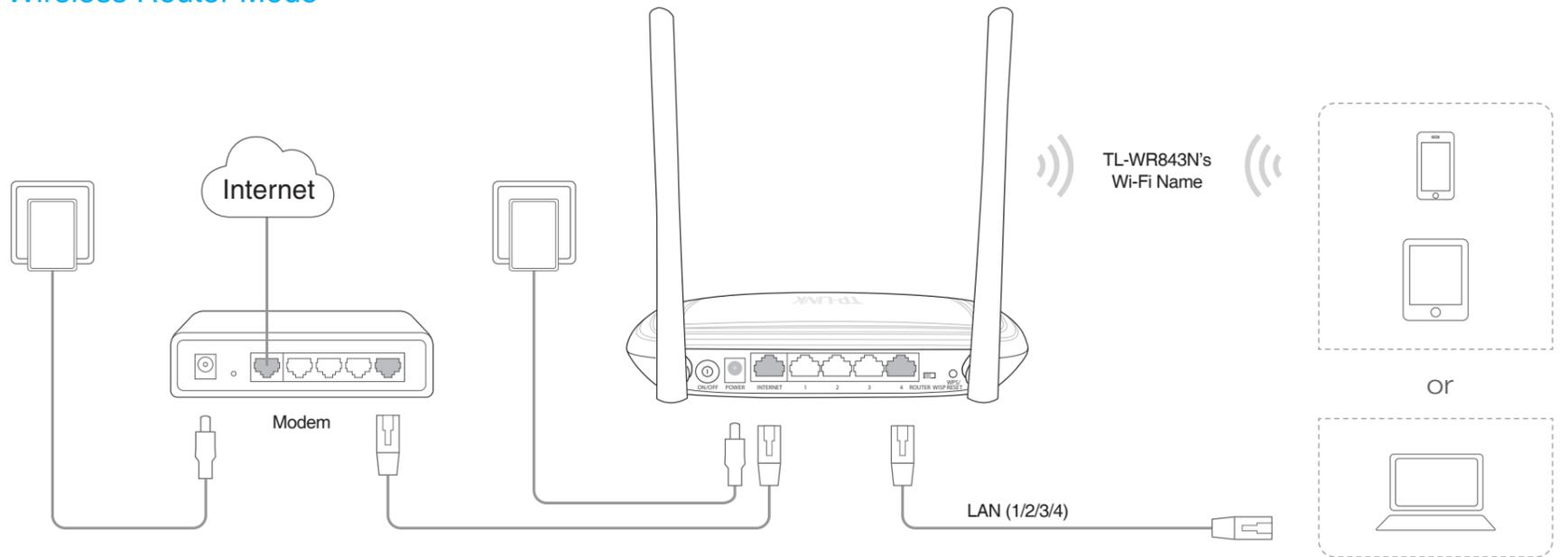
1. Turn off the modem, and remove the backup battery if it has one.

2. Turn on the modem, and wait about 2 minutes for it to restart.

3. Connect the modem to the INTERNET port on the router via an Ethernet cable and press the ON/OFF button on the router.

4. Connect your device to the router wirelessly or via an Ethernet cable. The Wi-Fi network name and password is on the router's label.

5. Launch a web browser and type http://tplinkwifi.net into the address bar. Enter admin (in lowercase) for both user name and password to log in.

6. Click Quick Setup on the left panel and click Next to start configuring the router. Select the Control the system mode by software checkbox. Select Standard Wireless Router mode and click Next.

7. Select the WAN Connection Type of your Internet Service Provider and follow the screen instructions to configure the router.

8. On the Wireless screen, either keep the default Wireless Network Name and Password or customize them, then click Next.

9. Click Finish to complete the configuration.

☺ Enjoy!

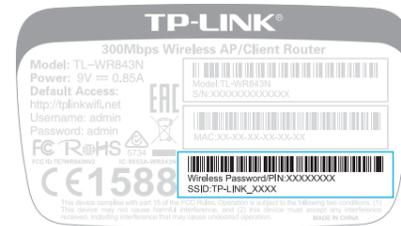# Hardware Information

LED:

| LED	Status	Indication
⏻ Power	On	The router is on.
	Off	The router is off.
	Blinking	The router is initializing or upgrading.
📶 WLAN	On	The wireless is working properly.
	Off	The wireless is disabled.
🖥 LAN	On	A device is connected to the corresponding LAN port.
	Off	No device is connected to the corresponding LAN port.
◉ WAN	Green	The router is connected to the Internet.
	Orange	The INTERNET port is connected, but there is no Internet connection.
	Off	The INTERNET port is not connected.
🔒 WPS	Slow blinking	WPS connection is in process.
	On	WPS connection is successful. The LED will turn off after 5 minutes.
	Quick blinking	WPS connection is failed.

Label:

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

TP-LINK®
300Mbps Wireless AP/Client Router
Model: TL-WR843N
Power: 9V ⎓ 0.85A
Default Access:
http://tplinkwifi.net
Username: admin
Password: admin

Wireless Password/PIN:XXXXXXXX
SSID:TP-LINK_XXXX

Operation Mode Switch:

Toggle to select the router's operation mode between ROUTER or WISP when configuring the router using the CD-ROM. You can also set the mode via the router's web interface; when doing this, the operation mode switch will be disabled.

ROUTER WISP
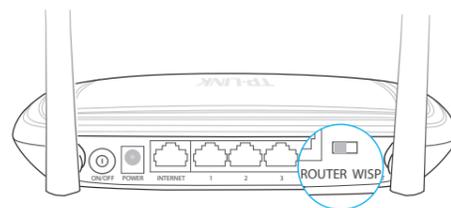
Frequently Asked Questions(FAQ)

Q1. How do I restore the router to its factory default settings?

With the device powered on, press and hold the WPS/RESET button for five seconds until the Power LED starts blinking, then release the button.
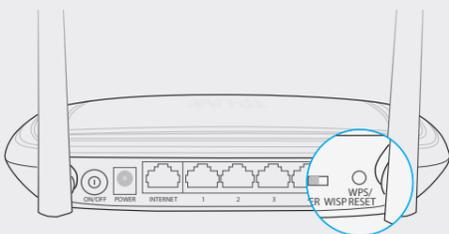
Note: Upon resetting, all previous configurations will be cleared, and the router will reset to the default Standard Wireless Router Mode.

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://tplinkwifi.net or http://192.168.0.1 is correctly entered in the web browser.

• Use another web browser and try again.

• Reboot your router and try again.

• Disable then reenable the network adapter in use.

Q3. How do I recover the router's web management password or retrieve my Wi-Fi password?

• If you forget the password required to access the router's web management page and your Wi-Fi password, you must restore the router to its factory default settings.

• If your forget your Wi-Fi password, but are able to access the router's management interface, connect a computer or mobile device to the router via wired or wireless. Log in and go to Wireless > Wireless Security 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 the wireless channel to a different one.

• Relocate the router 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 if I cannot access the Internet?

Standard Wireless Router mode:

• Check if the Internet is working properly by connecting a computer directly to the modem via Ethernet cable. If it is not, contact your Internet Service Provider.

• Open a web browser, enter http://tplinkwifi.net or http://192.168.0.1, log in, and go through the Quick Setup to configure the router again.

• Reboot the router and try again.

• For cable modem users, reboot the modem first. If the problem still exists, log in to the Web Management page of the router, and go to Network > MAC Clone, click on Clone MAC Address and then click Save.

WISP Client Router mode:

• If your Wireless Internet Service Provider requires that you authenticate to the service, open a web browser and enter a valid web address, like www.tp-link.com; you will be redirected to the login page to enter your account credentials.