

# Quick Installation Guide

300Mbps Wireless N Mini Router

EAC MODEL NO. TL-WR810N

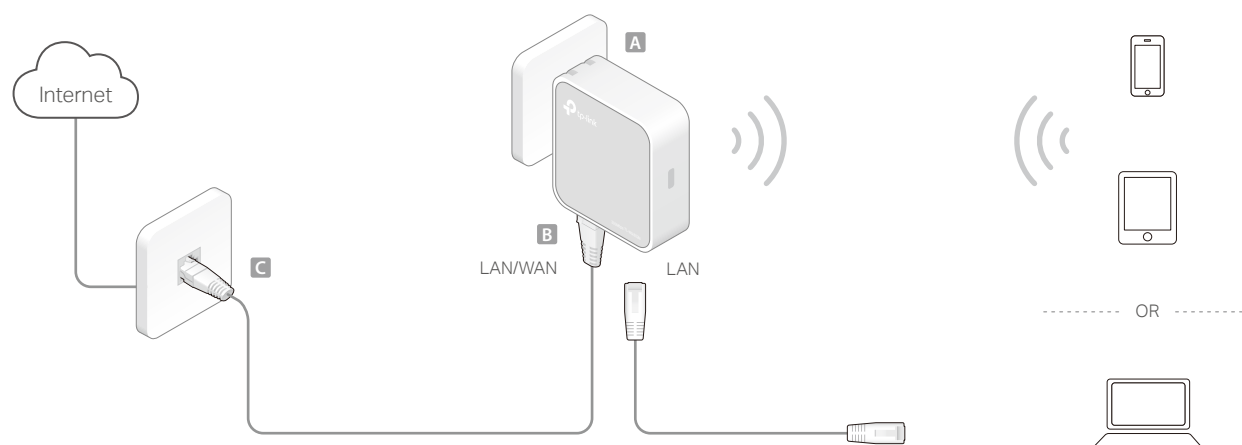
## Operation Mode

Scenario	Operation Mode	Application
Travel	Standard Wireless Router	To share a wired (Ethernet) connection to wireless devices, when in a hotel room, small office and so on.
	Hotspot Router	To create your personal hotspot from a public Wi-Fi network when in a hotel room, on a trade show and so on.
Home	Repeater	To extend the range of an existing Wi-Fi network.
	Client	To enable your wired device (such as Blu-ray® players, smart TVs, or game consoles) to connect to a Wi-Fi network.
	Access Point	To transform an existing wired (Ethernet) network to a wireless one.

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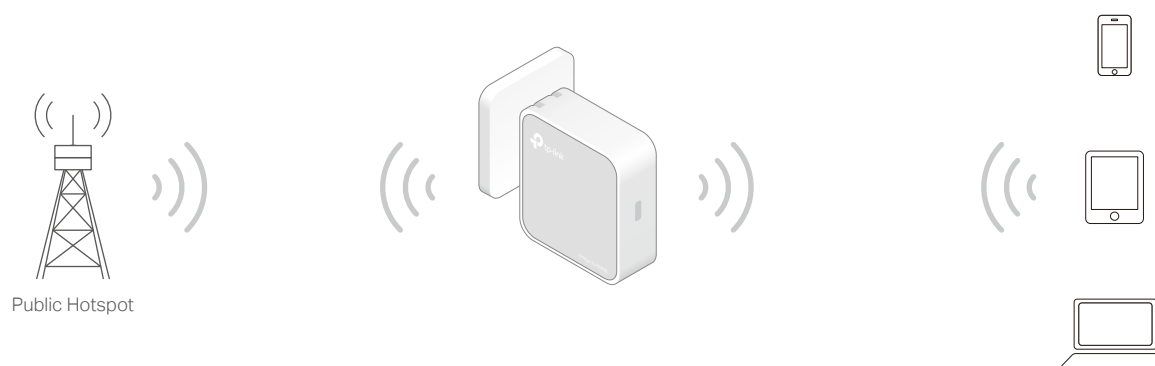
## During Travel

### • Standard Wireless Router



- 1 Connect the hardware according to Step A to C in the left diagram.
- 2 Connect your device to the router wirelessly or via an Ethernet cable. The **SSID (Network Name)** and **Wireless password** are on the router's label.
- 3 Launch a web browser and type <http://tplinkwifi.net> in the address bar. Enter **admin** (in lowercase) for both username and password to log in.
- 4 Click **Next** to start the Quick Setup. Select **Standard Wireless Router** and click **Next**.
- 5 Select the **WAN Connection Type** and follow the screen instructions. When using the router in a hotel room or a small office, select **Dynamic IP**. Note: If the router is successfully connected to internet, this step will be skipped.
- 6 On the **Wireless** page, either customize your **Wireless Network Name** and **Wireless Password** or keep the default ones, and then click **Next**.
- 7 Click **Finish** to complete the configuration.

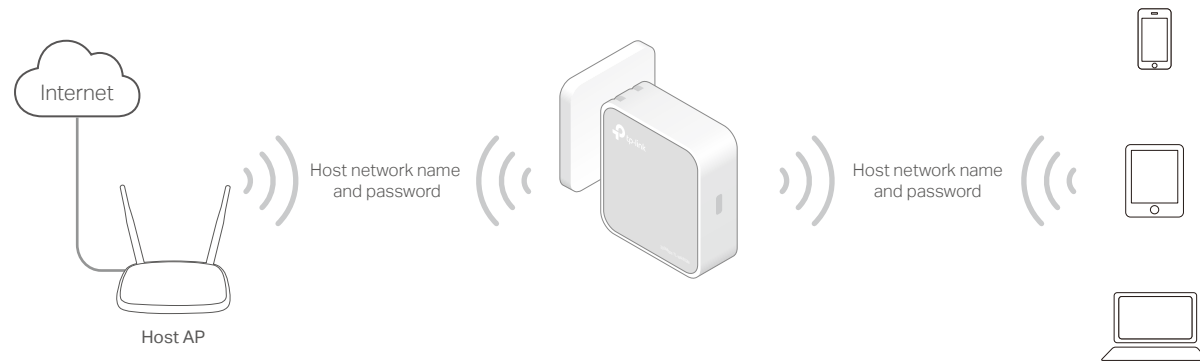
### • Hotspot Router



- 1 Plug the router into an electrical outlet within the range of the public hotspot.
- 2 Connect your device to the router wirelessly or via an Ethernet cable. The **SSID (Network Name)** and **Wireless password** are on the router's label.
- 3 Launch a web browser and type <http://tplinkwifi.net> in the address bar. Enter **admin** (in lowercase) for both username and password.
- 4 Click **Next** to start the Quick Setup. Select **Hotspot Router** and click **Next**.
- 5 Select the **WAN Connection Type** and follow the screen instructions. When using the router in a hotel room or a small office, select **Dynamic IP**.
- 6 On the **Wireless** page, click **Survey** to find your public Wi-Fi network and click **Connect**. Enter the public Wi-Fi's password. In the **AP Setting** section, either customize your **Local SSID** and **Wireless Password** or keep the default ones, and then click **Next**.
- 7 Click **Reboot** to complete the configuration.

## At Home

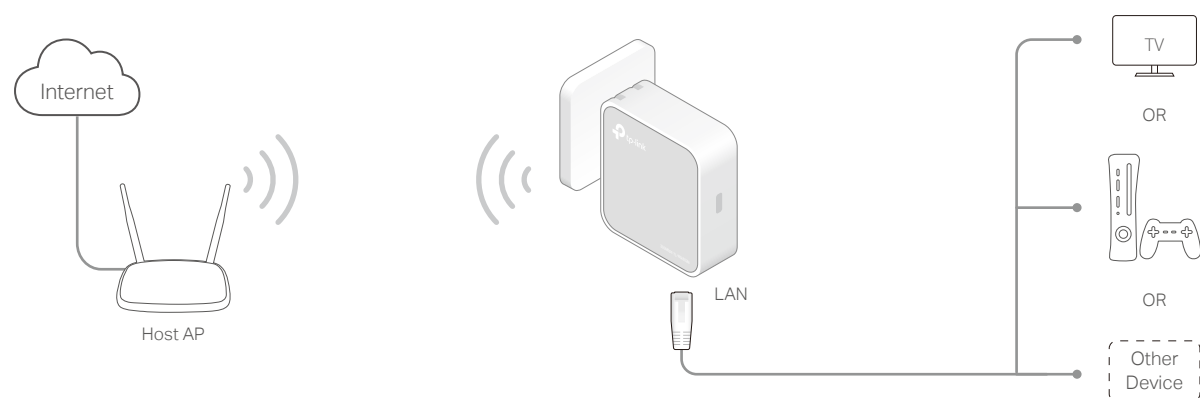
### • Repeater



- 1 Plug the router into an electrical outlet next to your host AP.
- 2 Connect your device to the router wirelessly or via an Ethernet cable. The **SSID (Network Name)** and **Wireless password** are on the router's label.
- 3 Launch a web browser and type <http://tplinkwifi.net> in the address bar. Enter **admin** (in lowercase) for both username and password to log in.
- 4 Click **Next** to start the Quick Setup. Select **Repeater** and click **Next**.
- 5 Click **Survey** to find your host network and click **Connect**. Enter the host network's password in the **Wireless Password** field, and then click **Next**.
- 6 Select the LAN IP type of the router or leave the default setting **Smart IP** for most cases, and then click **Next**.
- 7 Click **Reboot** to complete the configuration.
- 8 Relocate the router about **halfway** between your host AP and the Wi-Fi dead zone.

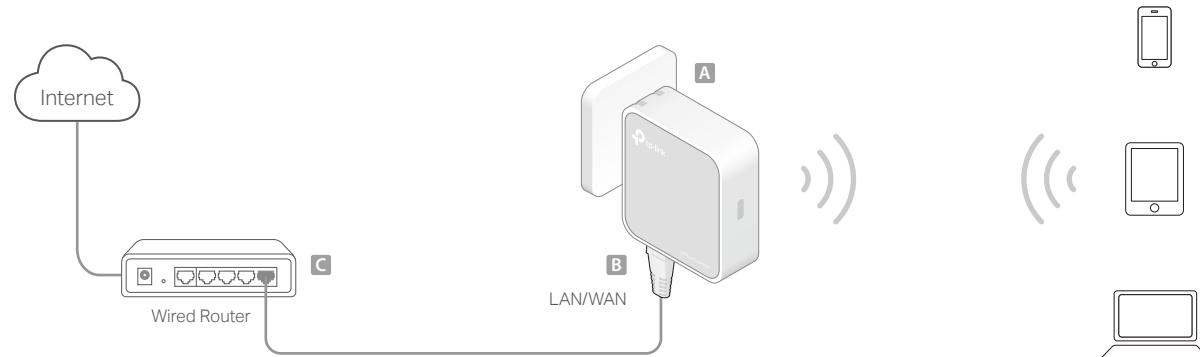
Note: The extended network shares the same network name and password as those of your host network.

### • Client



- 1 Plug the router into an electrical outlet within the range of your host AP.
- 2 Connect your device to the router wirelessly or via an Ethernet cable. The **SSID (Network Name)** and **Wireless password** are on the router's label.
- 3 Launch a web browser and type <http://tplinkwifi.net> in the address bar. Enter **admin** (in lowercase) for both username and password to log in.
- 4 Click **Next** to start the Quick Setup. Select **Client** mode and click **Next**.
- 5 Click **Survey** to find your host network and click **Connect**. Enter the host network's password, and click **Next**.
- 6 Select the LAN IP type of the router or leave the default setting **Smart IP** for most cases, and click **Next**.
- 7 Click **Reboot** to complete the configuration.
- 8 Connect your wired-only device to the router's LAN or LAN/WAN port using an Ethernet cable.

### • Access Point



- 1 Connect the hardware according to step A to C in the left diagram.
- 2 Connect your device to the router wirelessly or via an Ethernet cable. The **SSID (Network Name)** and **Wireless password** are on the router's label.
- 3 Launch a web browser and type <http://tplinkwifi.net> in the address bar. Enter **admin** (in lowercase) for both username and password to log in.
- 4 Click **Next** to the Quick Setup. Select **Access Point** mode and click **Next**.
- 5 Either customize your **Wireless Network Name** and **Wireless Password** or keep the default ones, and then click **Next**.
- 6 Select the LAN IP type of the router or leave the default setting **Smart IP** for most cases, and then click **Next**.
- 7 Click **Reboot** to complete the configuration.

## FAQ (Frequently Asked Questions)

### Q1. What can I do if I cannot access internet?

- If using a cable modem, unplug the Ethernet cable and reboot the modem. Wait until its LED is on and stable, and then reconnect the Ethernet cable to the modem.
- If you're in a hotel room or on a trade show, the internet may be limited and requires that you authenticate for the service or purchase the internet access.
- If your internet access is still not available, contact TP-LINK Technical Support.

### Q2. How do I restore the router to its factory default settings?

- With the router powered on, press and hold the **Reset** button until the LED starts flashing. Then release the button.

### Q3. What can I do if I forgot my web management password?

- Refer to FAQ > Q2 to reset the router, and then use the default **admin** (all lowercase) for both username and password to log in.

### Q4. What can I do if I forgot my wireless network password?

- If you have not changed the default Wireless Password, it can be found on the label of the router.
- Connect a computer to the router via an Ethernet cable. Log in to the web management page, and go to **Wireless > Wireless Security** to retrieve or reset your wireless password.

### Q5. What can I do if my wireless signal is unstable or weak?

It may be caused by too much interference.

- Set your wireless channel to a different one.
- Choose a location with less obstacles that may block the signal between the router and the host AP. An open corridor or a spacious location is ideal.
- Move the router to a new location away from Bluetooth devices and other household electronics, such as cordless phones, microwaves, and baby monitors, to minimize signal interference.
- When in Repeater mode, the ideal location to place the router is about halfway between your host AP and the Wi-Fi dead zone. The location you choose must be within the range of your existing host network.