

Quick  
Installation Guide

300Mbps Wi-Fi Pocket Router/AP  
/TV Adapter/Repeater

MODEL NO. TL-WR810N

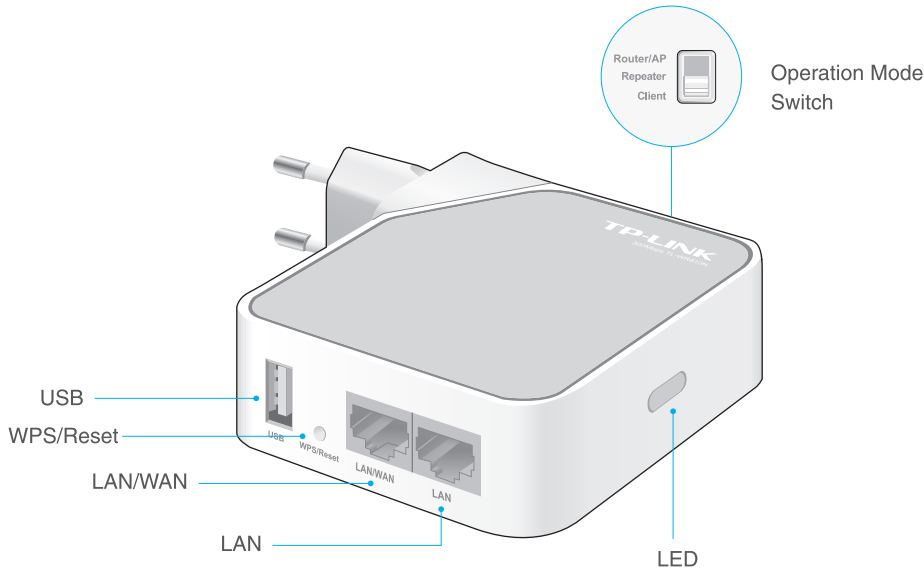
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Determine Operation Mode

| Operation Modes          | Application                                                                                                                             |
|--------------------------|-----------------------------------------------------------------------------------------------------------------------------------------|
| Standard Wireless Router | To share a wired (Ethernet) connection to wireless devices, such as in a hotel room, small office, etc.                                 |
| Access Point             | To set up a Wi-Fi network from an existing wired (Ethernet) network.                                                                    |
| Repeater                 | To extend the range of an existing Wi-Fi network.                                                                                       |
| Client                   | To function as a wireless adapter to connect your wired device (e.g. Blu-ray® player, smart TV, or game console) to a wireless network. |

Meet Your Router



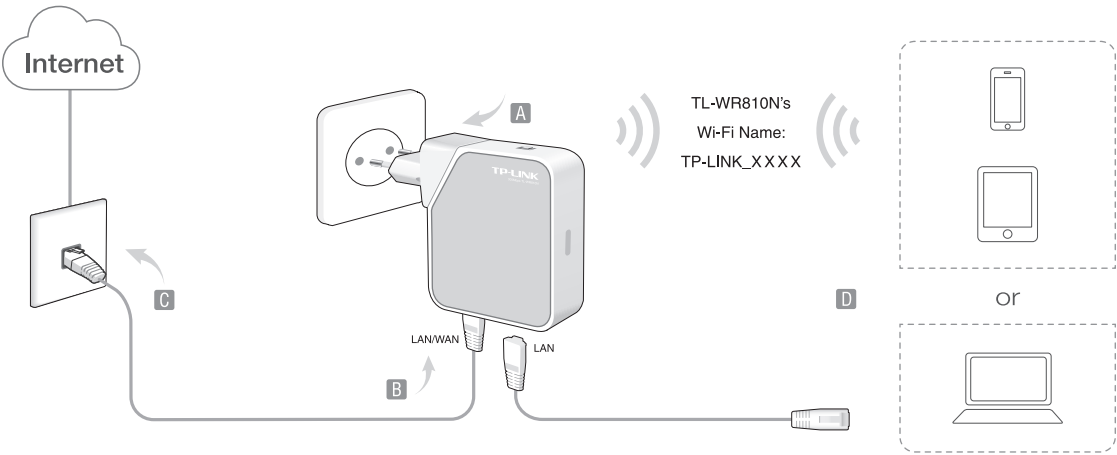
| LED Status | Indication                                                 |
|------------|------------------------------------------------------------|
| Solid      | The router is ready for operation.                         |
| Blinking   | The router is booting or connecting to an Ethernet device. |

| Interface        | Description                                                                                                                                                                                                       |
|------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| USB              | Connects a USB storage device for sharing or connects a mobile device to charge.                                                                                                                                  |
| WPS/Reset Button | Press this button to connect devices via the WPS (Wireless Protected Setup) method. Press and hold for 5 seconds to restore the router to its factory default settings. Refer to the FAQ section for instruction. |
| LAN/WAN          | Functions as the LAN port in Access Point, Repeater and Client mode. Functions as the WAN port in Standard Wireless Router mode.                                                                                  |
| LAN              | Connects an Ethernet-enabled device to the local network.                                                                                                                                                         |

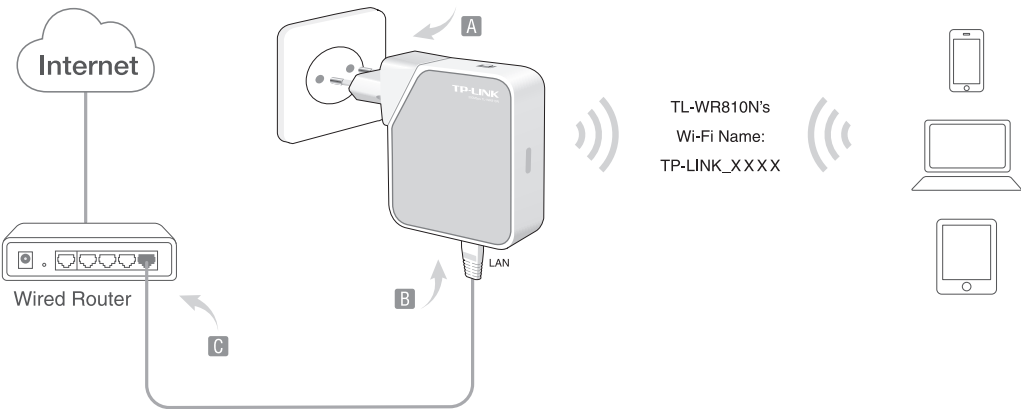
Configure the Router

• Standard Wireless Router



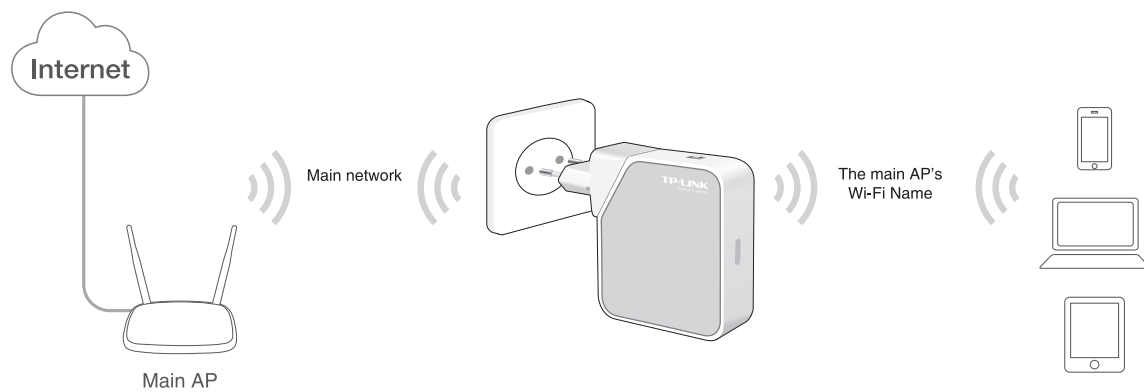
- 1 Set the Operation Mode Switch to **Router/AP**.
- 2 Connect the router according to steps A to C in the left diagram.
- 3 Connect your device to the router wirelessly or via an Ethernet cable. The Wi-Fi network name and password is on the router's label.
- 4 Launch a web browser and type <http://tplinkwifi.net> into the address bar. Enter **admin** (in lowercase) for both user name and password to log in.
- 5 Click **Quick Setup** on the left panel and click **Next** to start configuring the router. Select **Standard Wireless Router** mode and click **Next**.
- 6 Select the **WAN Connection Type** of your Internet Service Provider and follow the screen instructions to configure the router. When using the router in a hotel room or in a small office, select **Dynamic IP**.
- 7 On the **Wireless** screen, either keep the default **Wireless Network Name** and **Password** or customize them, then click **Next**.
- 8 Click **Finish** to complete the configuration.

• Access Point



- 1 Set the Operation Mode Switch to **Router/AP**.
- 2 Connect the router according to steps A to C in the left diagram.
- 3 Connect your device to the router wirelessly. The Wi-Fi network name and password is on the router's label.
- 4 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.
- 5 Click **Quick Setup** on the left panel and click **Next** to start configuring the router. Select **Access Point** mode and click **Next**.
- 6 On the **Wireless Setting** screen, either keep the default **Wireless Network Name** and **Wireless Password** or customize them, then click **Next**.
- 7 Select the LAN IP type of the router or you can leave **Smart IP** as the default setting for most cases, and click **Next**.
- 8 Click **Reboot** to complete the configuration.

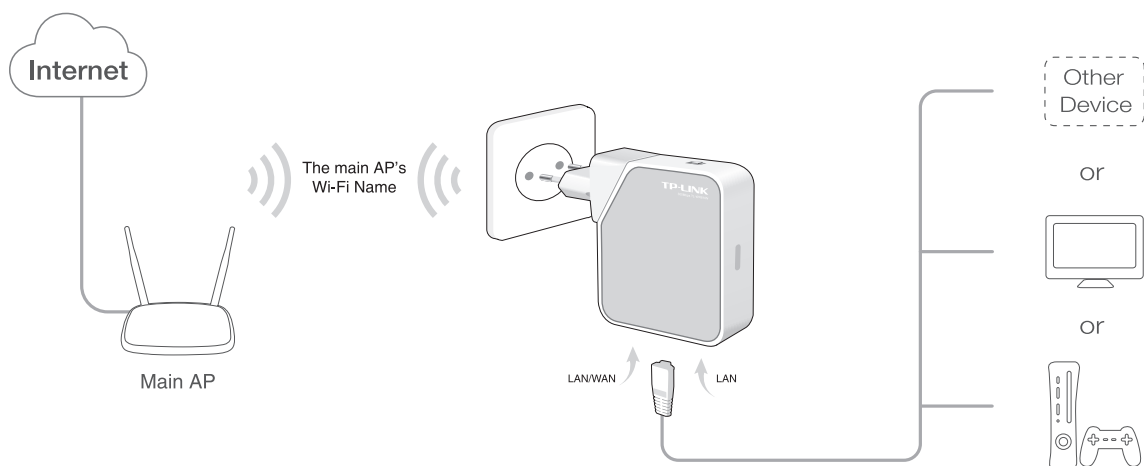
## • Repeater



- 1 Set the Operation Mode Switch to **Repeater**.
- 2 Plug the router into an electrical outlet within the signal range of your main AP.
- 3 Connect your device to the router wirelessly. The Wi-Fi network name and password is on the router's label.
- 4 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.
- 5 Click **Quick Setup** on the left panel and click **Next** to start configuring the router.
- 6 On the **Wireless Setting** screen, click **Survey** to automatically find all available networks. Select the Wi-Fi network and click **Connect**.
- 7 Type the selected Wi-Fi network's password into the **Wireless Password** field and click **Next**.
- 8 Select the LAN IP type of the router or you can leave **Smart IP** as the default setting for most cases, and click **Next**.
- 9 Click **Reboot** to complete the configuration.
- 10 Place the router about halfway between your main AP and wireless devices.

Tip: Use the main AP's SSID and password to join the Wi-Fi network.

## • Client

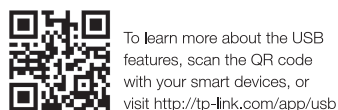


- 1 Set the Operation Mode Switch to **Client**.
- 2 Plug the router into an electrical outlet within the signal range of your main AP.
- 3 Connect your device to the router wirelessly or via an Ethernet cable. The Wi-Fi network name and password is on the router's label.
- 4 Launch a web browser and type <http://tplinkwifi.net> into the address bar. Enter **admin** (in lowercase) for both user name and password to log in.
- 5 Click **Quick Setup** on the left panel and click **Next** to start configuring the router.
- 6 On the **Wireless Setting** screen, click **Survey** to automatically find all available networks. Select the Wi-Fi network and click **Connect**.
- 7 Type the selected Wi-Fi network's password into the **Wireless Password** field and click **Next**.
- 8 Select the LAN IP type of the router or you can leave **Smart IP** as the default setting for most cases, and click **Next**.
- 9 Click **Finish** to complete the configuration.
- 10 Connect your wired-only device to the router using an Ethernet cable.

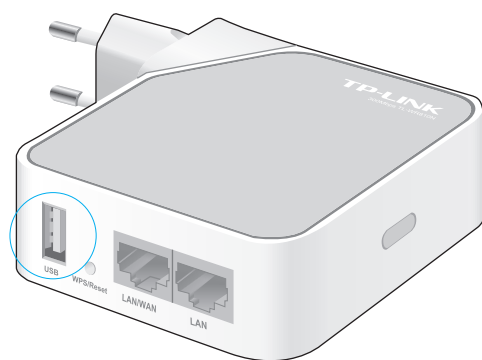
## USB Features

Use the USB port for media sharing and storage sharing across your local network. You can also set up an FTP server to access your files remotely through the Internet.

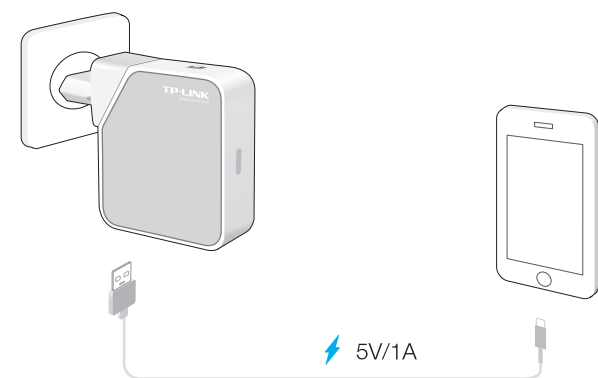
- Media Sharing
- Local Storage Sharing
- Remote Access via FTP Server



To learn more about the USB features, scan the QR code with your smart devices, or visit <http://tp-link.com/app/usb>



Use the USB port to charge mobile devices.



## FAQ (Frequently Asked Questions)

### Q1. How do I recover the router's web management password or retrieve my Wi-Fi password?

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

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

With the router powered on, press and hold the WPS/Reset button for about five seconds until the LED starts flashing, then release the button.

Upon resetting, all previous configurations will be cleared, and the router will reset to the default Router Mode.

### Q3. What can I do if there is no Internet access?

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

### Q4. What can I do if my wireless is not stable?

It may be caused by too much interference.

- Set your wireless channel to a different channel.
- Move the router 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?

When choosing an ideal location to optimize wireless signal in Repeater mode, please use the following recommendations.

#### • The Best Way is Halfway

Generally, the ideal location to place the Pocket router is halfway between your main AP and your Wi-Fi devices. If that is not possible, place the router closer to your main AP to ensure stable performance.



#### • Less Obstacles Ensure Better Performance

Choose a location with less obstacles that may block the signal between the Pocket router and the main AP. 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.