TP-LINK
The Reliable Choice

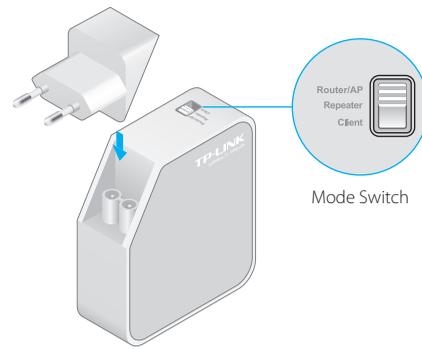# Quick
Installation Guide

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

EAC *TL-WR810N (European version) is used
for demonstration in this QIG.
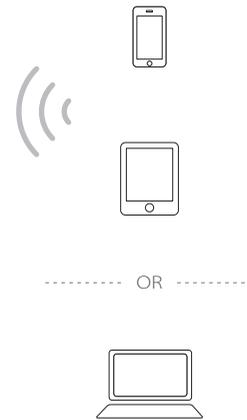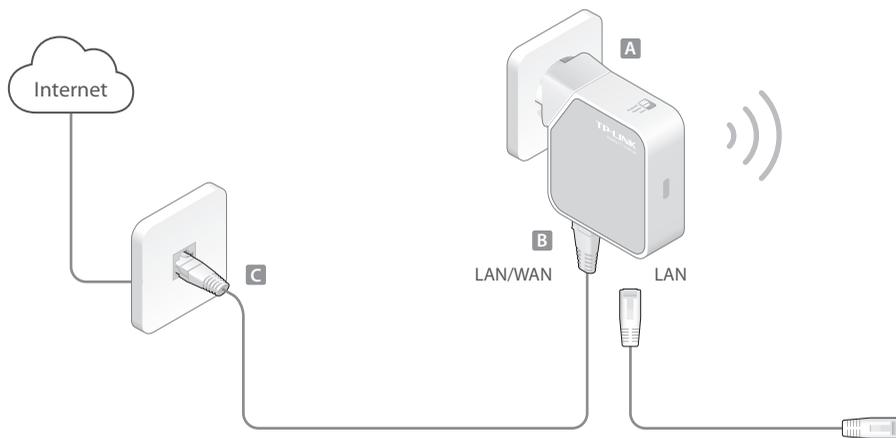
710506246 REV2.0.0

Determine Operation Mode

Install the plug and determine the operation mode of the router as you need.

Mode Switch

Router/AP
Repeater
Client

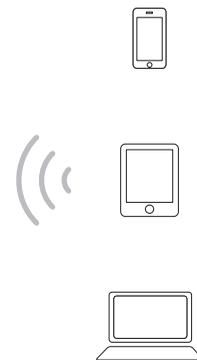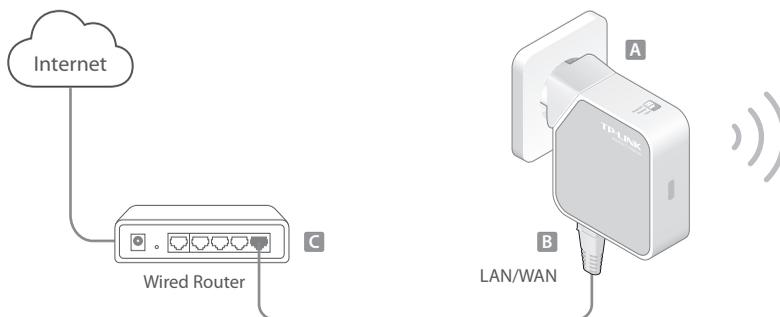| Operation Modes	Application
Standard Wireless Router	To share a wired (Ethernet) connection to wireless devices, when in a hotel room, small office, etc.
Access Point	To transform an existing wired (Ethernet) network to a wireless one.
Repeater	To extend the range of an existing Wi-Fi network.
Client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

Configure the Router

• Standard Wireless Router

Internet

A

B

LAN/WAN   LAN

C

---------- OR ----------

1 Switch the Operation Mode to **Router/AP** and 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 Wi-Fi network name and 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** mode and click **Next**.

5 Select the **WAN Connection Type** and follow the instructions. When using the router in a hotel room or a small office, select **Dynamic IP**.

   Note: If the router is successfully connected to the 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.

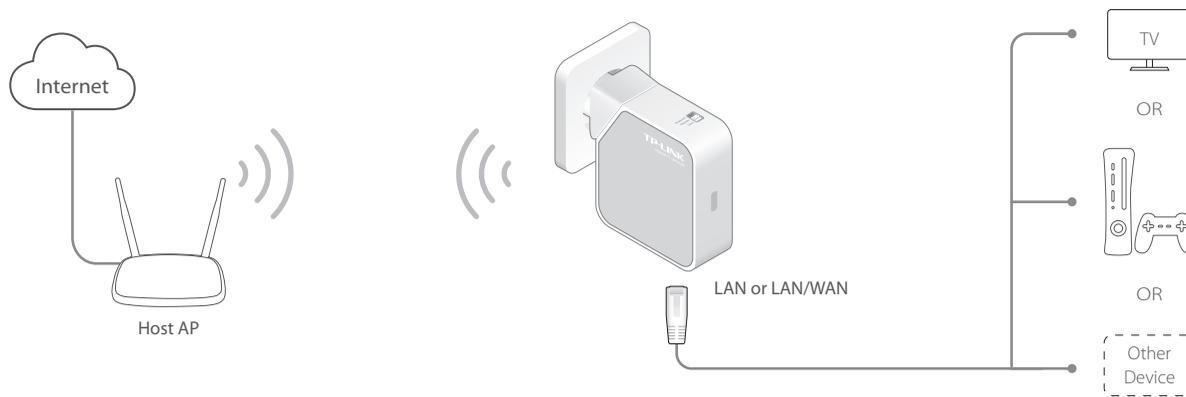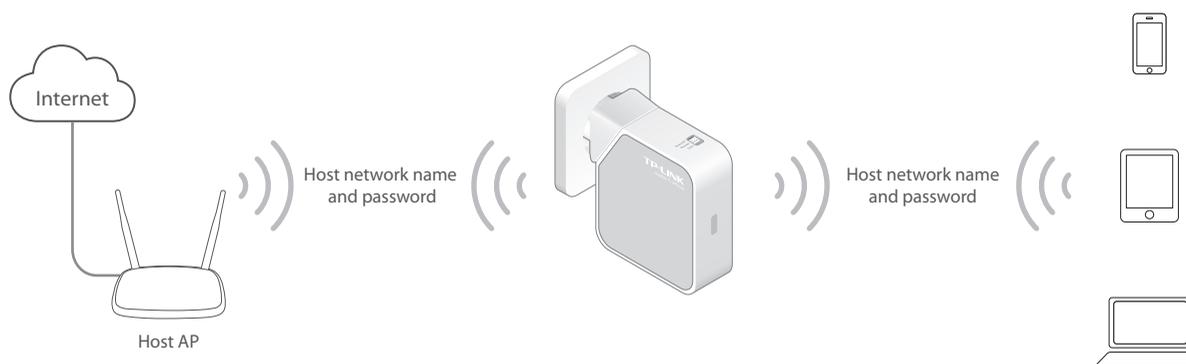### • Access Point

Internet

A

B

LAN/WAN

C

Wired Router

1 Switch the Operation Mode to **Router/AP** and 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 Wi-Fi network name and 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 **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.

• Client (TV Adapter)

Internet

Host AP

LAN or LAN/WAN

TV

OR

OR

Other Device

1. Switch the Operation Mode to **Client** and plug the router into an electrical outlet within the signal range of your host AP.
2. Connect your device to the router via an Ethernet cable.
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 **Quick Setup** on the left panel and click **Next** to start.
5. Click **Survey** to find your host network and click **Connect**. Enter the host network's password in the **Wireless Password** field and 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 **Finish** to complete the configuration.
8. Connect your wired-only device to the router's LAN or LAN/WAN port using an Ethernet cable and enjoy the Internet.

• Repeater

Internet

Host AP

Host network name and password

Host network name and password

1. Switch the Operation Mode to **Repeater** and plug the router into an electrical outlet near your host AP.
2. Connect your device to the router wirelessly or via an Ethernet cable. The Wi-Fi network name and 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 **Quick Setup** on the left panel and click **Next** to start.
5. Click **Survey** to find your host network and click **Connect**. Enter the host network's password in the **Wireless Password** field and click **Next**.
6. Select the LAN IP type of the host AP or leave the default setting **Smart IP** for most cases, and then click **Next**.
7. Click **Finish** to complete the configuration.
8. Relocate the router about **halfway** between your host AP and the Wi-Fi dead zone.

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

FAQ (Frequently Asked Questions)

Q1. What can I do if I cannot access the Internet?
- If using a cable modem, unplug the Ethernet cable and reboot the modem. Wait until its Online 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, and 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 into 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 phone, microwave, and baby monitor, etc., to minimize signal interference.
- When in Repeater mode, the ideal location to place the router is halfway between your host AP and the Wi-Fi dead zone. If that is not possible, place the router closer to your host AP to ensure stable performance.