TP-LINK®
The Reliable Choice

Quick Installation Guide

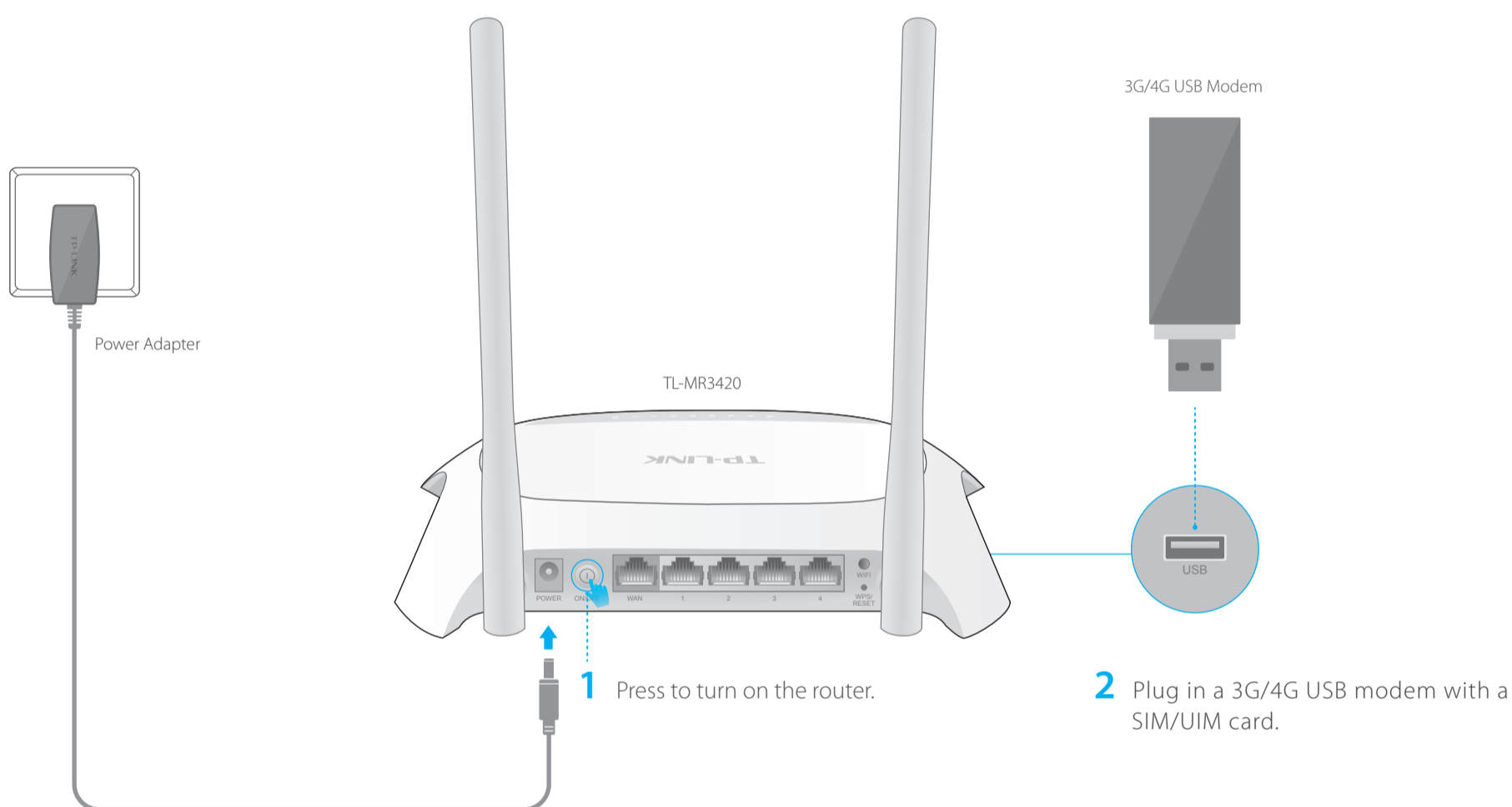3G/4G Wireless N Router
TL-MR3420

EAC
7106505290   REV3.0.0

Get Started

Follow the specific instructions in this guide to connect to the Internet and enjoy.

> Refer to **Plug and Play via 3G/4G USB Modem** to share the Internet through a 3G/4G USB modem.

> Refer to **Connect to DSL/Cable/Satellite Modem** to share the Internet through a DSL/Cable/Satellite modem or an Ethernet cable connection.

The router can also be configured with a primary WAN and a 3G/4G USB modem as a backup (secondary) solution to ensure "always-on" Internet connectivity. Refer to the User Guide for detailed instructions.

Plug and Play via 3G/4G USB Modem

Power Adapter

3G/4G USB Modem

TL-MR3420

USB

1 Press to turn on the router.

2 Plug in a 3G/4G USB modem with a SIM/UIM card.

3 Wait for 1-2 minutes and check the status of the following LEDs.

| Power On	Wi-Fi On	Internet Green	USB On

Note:

1. If the Internet LED (⊘) is not on or is amber, please refer to **Configuring your 3G/4G connection** below.

2. If the Wi-Fi LED (📶) is off, press the Wi-Fi button on the rear panel for 3 seconds and then check the LED again.

☺ Enjoy your Internet!

Wired connection: Connect your devices to the router's LAN (1 - 4) ports via Ethernet cables.

Wireless connection: Use the default SSID and password printed on the bottom of the router to join the wireless network.

Wired   TL-MR3420   Wireless
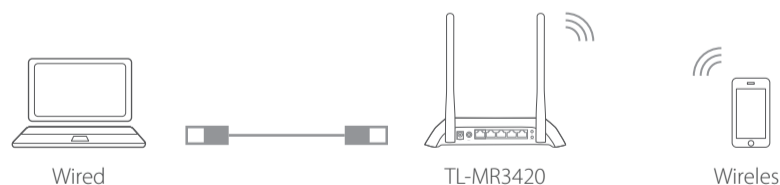
Tip: You can easily turn on/off the Wi-Fi as needed by pressing the Wi-Fi button on the rear panel for 3 seconds.
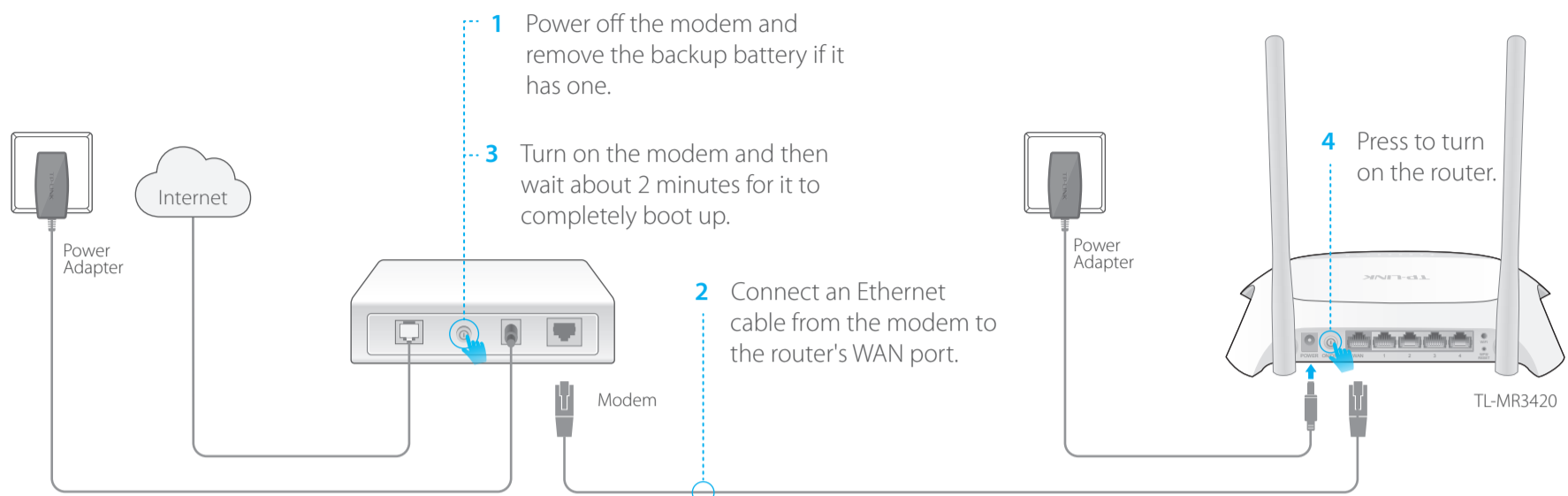
Configuring your 3G/4G connection

1. Connect your device to the router's LAN (1 - 4) port via an Ethernet cable or use the default SSID and password printed on the bottom of the router to join the wireless network.

2. Open a web browser, enter **http://tplinkwifi.net** into the address bar, use **admin** for both username and password, and then click **Login**.
   Note: If the login window does not appear, please refer to FAQ > Q3.

3. Select your **Region** and **Time zone**, then click **Next**.

4. Select **3G/4G Only** and click **Next**.

5. Select your **Region** and **Mobile ISP**, then click **Next**.
   Note: If your ISP is not listed, select the **Set Dial number, APN, Username and Password manually** option and enter the 3G/4G information provided by your Internet Service Provider (ISP).

6. Continue to follow the **Quick Setup** to complete the configuration.
   Note: If you change the default SSID (wireless network name) and password during the configuration process, connect all your wireless devices with the new SSID and password.

1. Connect the hardware

Note: If your Internet connection is through an Ethernet cable from the wall instead of through a DSL/Cable/Satellite modem, connect the Ethernet cable directly to the router's WAN port.
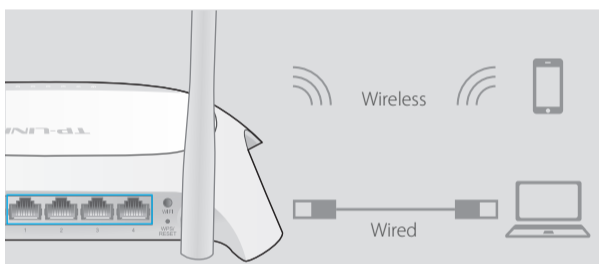
1 Power off the modem and remove the backup battery if it has one.

3 Turn on the modem and then wait about 2 minutes for it to completely boot up.

4 Press to turn on the router.

2 Connect an Ethernet cable from the modem to the router's WAN port.

Power Adapter

Internet

Modem

Power Adapter

TL-MR3420

5 Verify that the hardware connection is correct by checking these LEDs.

Power On

Wi-Fi On

Internet Green

Note: If the Wi-Fi LED is not on, press the Wi-Fi button on the rear panel for 3 seconds and then check the LED again.
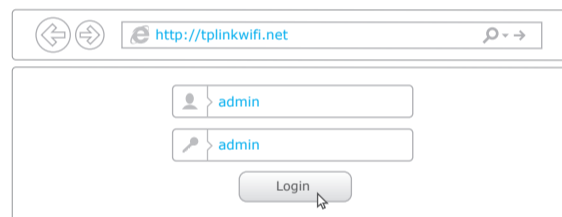
2. Configure via a web browser

1 Connect your device to the router's LAN (1 - 4) port via an Ethernet cable or use the default SSID and password printed on the bottom of the router to join the wireless network.
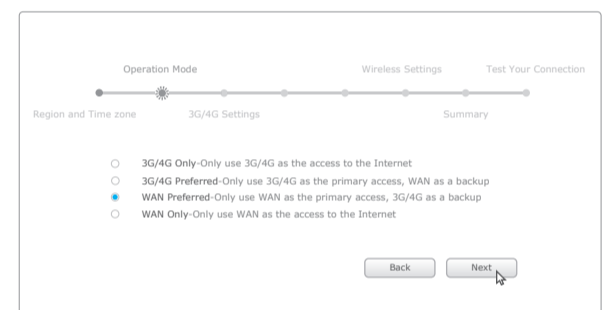
Wireless

Wired

2 Open a web browser, enter **http://tplinkwifi.net** in the address bar, use **admin** for both username and password, and then click **Login**.

Note: If the login window does not appear, please refer to FAQ > Q3.

http://tplinkwifi.net

admin

admin

Login

3 Select your **Region** and **Time zone**, then click **Next**.

4 Select **WAN Preferred** and click **Next**.

Operation Mode   Wireless Settings   Test Your Connection

Region and Time zone   3G/4G Settings   Summary

○ 3G/4G Only-Only use 3G/4G as the access to the Internet
○ 3G/4G Preferred-Only use 3G/4G as the primary access, WAN as a backup
● WAN Preferred-Only use WAN as the primary access, 3G/4G as a backup
○ WAN Only-Only use WAN as the access to the Internet

Back   Next

5 Continue to follow the **Quick Setup** to complete the configuration.

:) Enjoy your Internet!

Note: If you change the default SSID (wireless network name) and password during the configuration process, connect all your wireless devices with the new SSID and password.

FAQ (Frequently Asked Questions)

Q1. What should I do if I cannot get Internet access from the 3G/4G USB modem?

A1. Go to our website at **www.tp-link.com**, click **Support** > **Compatibility List** > **TL-MR3420** and make sure that your 3G/4G USB modem is on the compatibility list.

A2. Make sure that you have a valid SIM/UIM card inserted into the 3G/4G USB modem.

A3. Plug the 3G/4G USB modem directly into your computer and disable the PIN verification via the modem utility to check if you have the Internet connection on your computer.

A4. Obtain the latest **dial number** and **APN** from your ISP, and update these information through the router's web interface.

Note: For more troubleshooting help, please refer to FAQ (ID:400) on our website: **http://www.tp-link.com/en/support/faq**.

Q2. How to reset the router to its factory default settings?

A1. While the router is powered on, press and hold the **WPS/RESET** button on the rear panel until all the LEDs are on and then release the button. The router will automatically reboot itself.

A2. Log into the router's web interface. Go to **Advanced** > **System Tools** > **Factory Default** and click **Restore**. The router will restore and reboot automatically.

Q3. What should I do if the login window does not appear?

A1. If the computer is set to a static or fixed IP address, change the setting to obtain an IP address automatically.

A2. Verify that **http://tplinkwifi.net** is correctly entered in the web browser. Alternatively, check spacing and enter **http://192.168.0.1** or **http://192.168.1.1** in the web browser.

A3. Use another web browser and try again.

A4. Please reset your router to its factory default settings (FAQ > Q2) and try again.

A5. Disable then enable the network adapter in use.

Q4. What should I do if I forget my web management password?

A. Reset the router to its factory default settings (FAQ > Q2) and then use the default **admin** for both username and password to log in.

Q5. What should I do if I forget my wireless network password?

A. Log into the router's web interface and then go to **Basic** > **Wireless** to retrieve or reset your wireless password.