

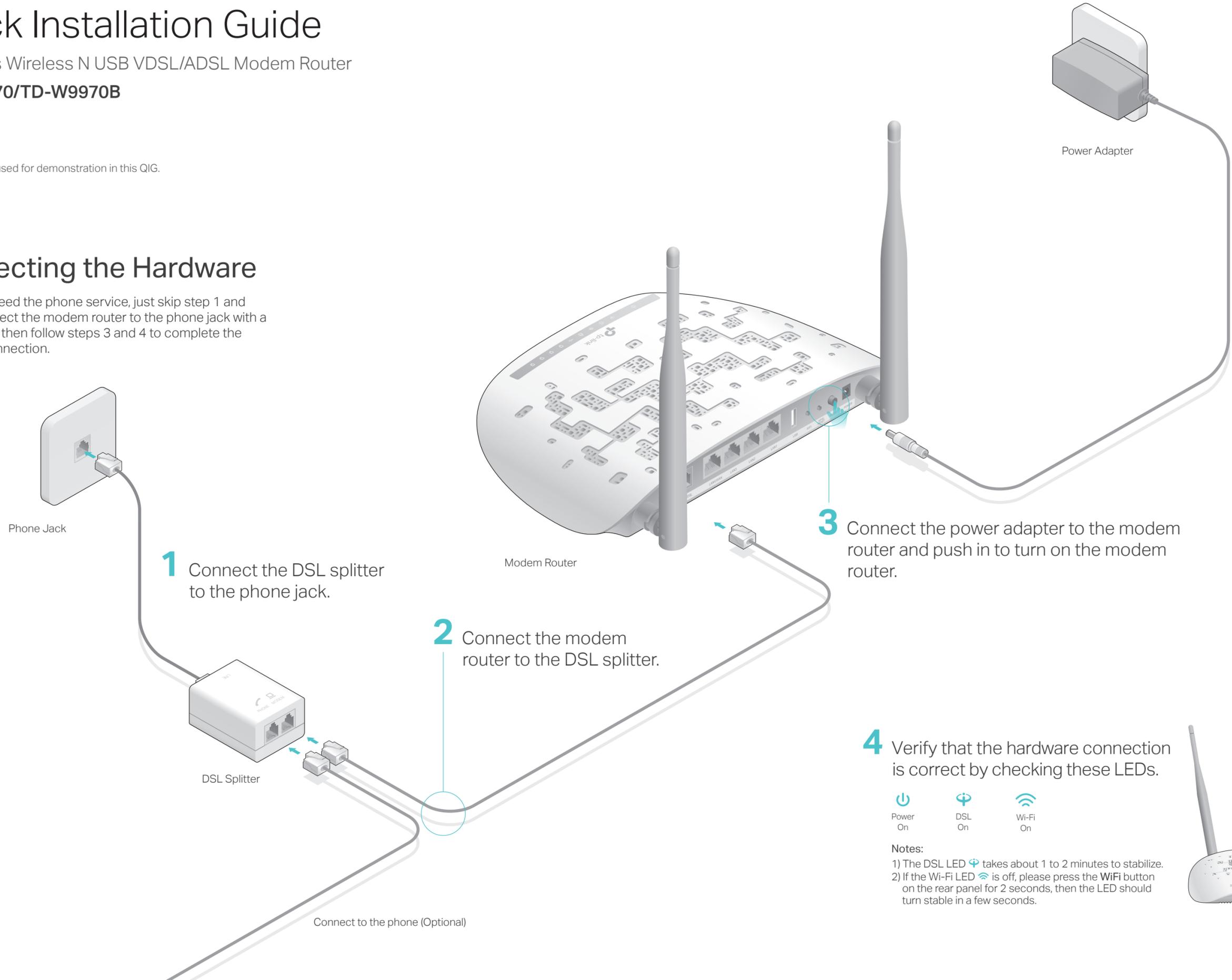
Quick Installation Guide

300Mbps Wireless N USB VDSL/ADSL Modem Router
TD-W9970/TD-W9970B

*TD-W9970 is used for demonstration in this QIG.

Connecting the Hardware

If you don't need the phone service, just skip step 1 and directly connect the modem router to the phone jack with a phone cable, then follow steps 3 and 4 to complete the hardware connection.



1 Connect the DSL splitter to the phone jack.

2 Connect the modem router to the DSL splitter.

3 Connect the power adapter to the modem router and push in to turn on the modem router.

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



Notes:
 1) The DSL LED takes about 1 to 2 minutes to stabilize.
 2) If the Wi-Fi LED is off, please press the WiFi button on the rear panel for 2 seconds, then the LED should turn stable in a few seconds.



Configuring the Modem Router

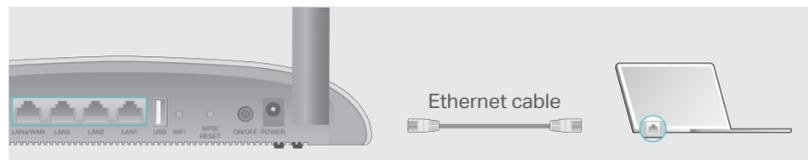
1. Before You Start

You'll usually need an internet service username and password, given to you by your internet service provider (ISP) when you first signed up with them. If you are unsure, please check with your ISP.

2. Connecting your computer to the modem router (Wired or Wireless).

• Wired

Connect a computer to the modem router and the LAN LED lights up.

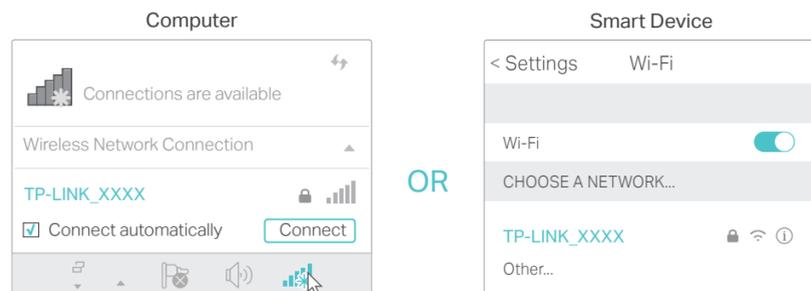


• Wireless

a. Find the SSID (network name) and Wireless Password printed on the product label at the bottom of the modem router.



b. Click the network icon of your computer or go to Wi-Fi Setting of your smart device, then select the SSID to join the network.



3. Configure the router using a web browser

A Enter <http://tplinkmodem.net> or 192.168.1.1 in the address bar of a web browser. Use **admin** for both username and password, and then click **Login**.

Note: If the login page does not appear, please refer to FAQ > Q1.



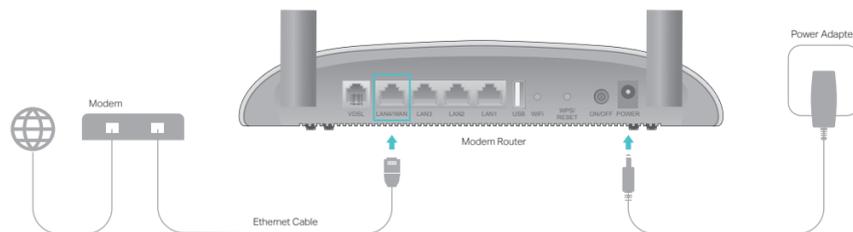
B Click **Next** to start **Quick Setup** and follow the step-by-step instructions to complete the initial configuration.

Note: For advanced settings, please refer to the User Guide on our official website at www.tp-link.com.

Already have a modem?

If you already have a modem or your internet comes directly from an Ethernet wall outlet, you can switch to Wireless Router mode. Follow the steps below to set up.

1. Connect the hardware and wait until the Power LED becomes stable.



2. Connect your device to the router via an Ethernet cable or wirelessly.

SSID (network name) and wireless password are printed on the product label at the bottom of the modem router.

3. Enter <http://tplinkmodem.net> or 192.168.1.1 in the address bar of a web browser. Use **admin** for both username and password, and then click **Login**.
Note: If the login page does not appear, please refer to FAQ > Q1.



4. Go to **Operation Mode** page and select **Wireless Router Mode**, then go to **Network > WAN Settings** to finish the set up.

Now you can enjoy the internet.

LED Indicators

LED	Status	Indication
(Power)	On Flashing Off	The system has started up successfully. The system is starting up or firmware is being upgraded. Do not disconnect or power off your modem router. Power is off.
(DSL)	On Flashing Off	DSL synchronization is complete. DSL synchronization is in progress. DSL synchronization failed.
(Internet)	On Off	The modem router is connected to the internet. There is no internet connection or the modem router is operating in Bridge mode.
(Wi-Fi)	On Off	The wireless function is enabled. The wireless function is disabled.
(WPS)	On/Off Flashing	This light remains on for 5 minutes when a WPS connection is established, then turns off. WPS connection is in progress. This may take up to 2 minutes.
(USB)	On Flashing Off	The inserted USB device is ready to use. A USB device is being identified. No device is plugged into the USB port.
(LAN1-4)	On Off	The LAN port is connected to a powered-on device. The LAN port is not connected to a powered-on device.

FAQ (Frequently Asked Questions)

Q1. What can I do if the login page does not appear?

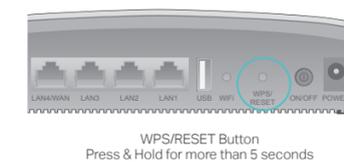
- A1. Make sure the computer is connected to the modem router properly.
- A2. If the computer is set to a static or fixed IP address, change it to obtain an IP address automatically from the modem router.
- A3. Verify <http://tplinkmodem.net> or 192.168.1.1 is correctly entered in the web browser and press **Enter**.
- A4. Use another web browser and try again.
- A5. Reboot your modem router and try again.
- A6. Disable and enable the active network adapter.

Q2. What can I do if I cannot access the internet?

- A1. Make sure the telephone and Ethernet cables are plugged in correctly.
- A2. Try to log in to the web management page of the modem router using the default address at <http://tplinkmodem.net> or 192.168.1.1. If you can, try the following answers. If you cannot, change your computer to obtain an IP address automatically from the modem router.
- A3. Ask your internet service provider for the VPI/VCI (or VLAN ID), Connection Type, internet service username and password, and make sure all are correctly entered into your router's management page.
- A4. Restore the modem router to its factory default settings and reconfigure the modem router by following the instructions in this Quick Installation Guide.
- A5. Please contact our Technical Support if the problem persists.

Q3. How do I restore the modem router to its factory default settings?

- A1. With the modem router powered on, press and hold down the **WPS/RESET** button on the rear panel of the modem router for more than 5 seconds until all LEDs turn on momentarily, then release the button.



- A2. Log in to the web management page of the modem router, and go to **System Tools > Factory Defaults**, click **Restore** and wait until the reset process is complete.

Q4. What can I do if I forget my password?

- **Web management page password:**
Refer to FAQ > Q3 to reset the modem router, and then use **admin** (all lowercase) for both username and password to log in.
- **Wireless network password:**
A1. The default Wireless Password/PIN is printed on the product label of the modem router.
A2. If the default wireless password has been changed, log in to the modem router's web management page and go to **Wireless > Wireless Security** to retrieve or reset your wireless network password.

Q5. What can I do if the DSL LED does not turn solid on?

- A1. Check your cables and make sure they are all plugged in correctly, including the telephone lines and power adapter.
- A2. Restore your modem router to its factory default settings.
- A3. Remove the DSL splitter, directly connect the modem router to the phone jack and then reconfigure the modem router by following the instructions in this Quick Installation Guide.
- A4. Contact your ISP to verify if the DSL line is in good status.
- A5. If you have tried all the suggestions above and the problem persists, contact our Technical Support.

For technical support and other information, please visit <http://www.tp-link.com/support>, or simply scan the QR code.

