TP-LINK®
The Reliable Choice

Quick Installation Guide

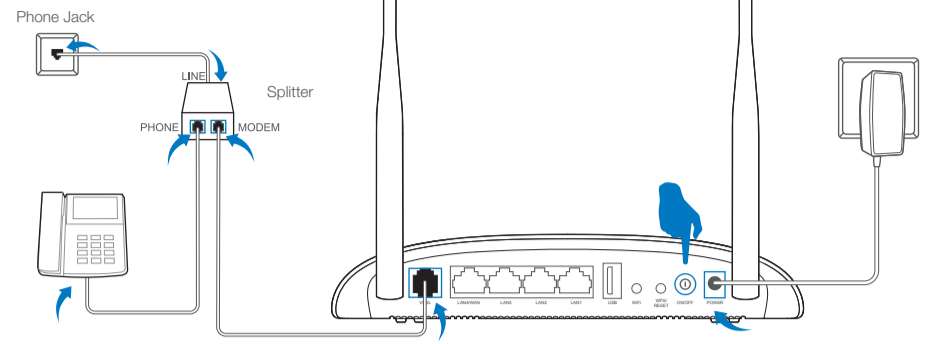300Mbps Wireless N USB VDSL/ADSL Modem Router
TD-W9970/TD-W9970B

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

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1. Connecting the Hardware

1 Connect the splitter and power adapter as follows. Press the ON/OFF button and the Power LED ⏻ turns on.

Phone Jack

LINE
Splitter
PHONE   MODEM

Note: If you don't need the phone service, just directly connect the VDSL port to the Phone Jack with a phone cable.
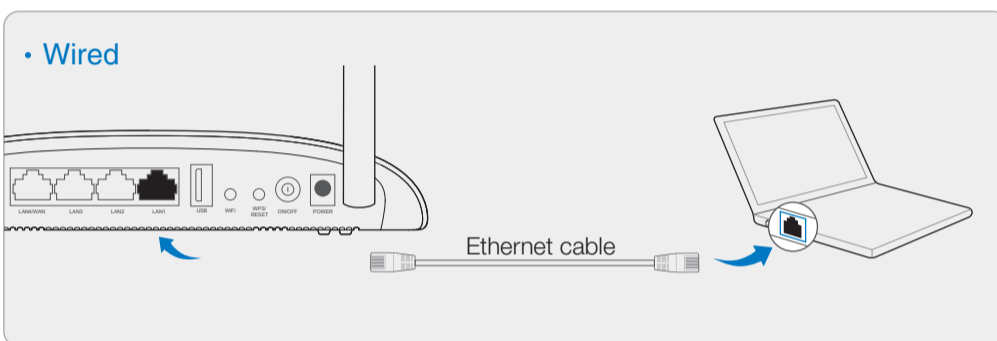
2 Check the Power and DSL LED lights to ensure the hardware connection is correct.

Notes:
Please wait 1-2 minutes until the DSL LED is on.
If the Wireless LED is off, please press the WiFi button on the rear panel for 2 seconds, then check the LEDs again in a few seconds.
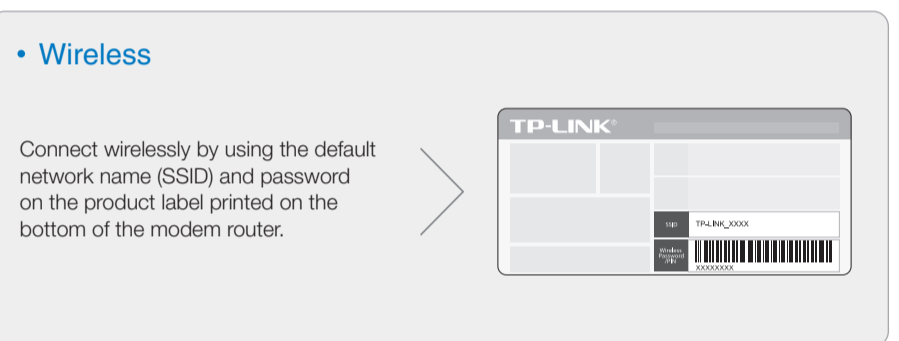
⏻ Power On   DSL On   Wireless On

2. Configuring the Modem Router

1 Connect your computer to the modem router (Wired or Wireless).

• Wired

Ethernet cable

Or

• Wireless

Connect wirelessly by using the default network name (SSID) and password on the product label printed on the bottom of the modem router.

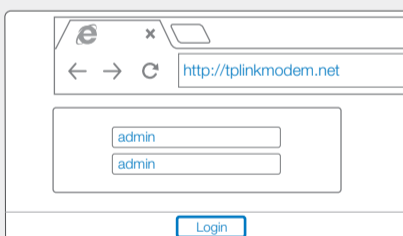TP-LINK
TP-LINK_XXXX
XXXXXXXX

2 Open a web browser on the computer and configure the modem router according to the following main clues.

ⓐ Enter **http://tplinkmodem.net** or **http://192.168.1.1** in the address bar. Type in **admin** for both the username and password and click **Login**.
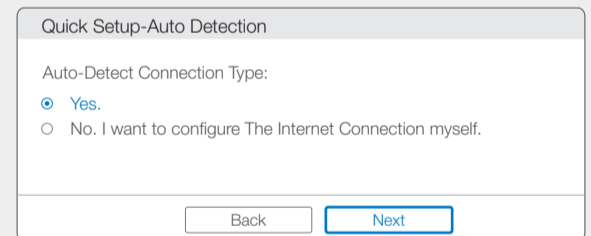
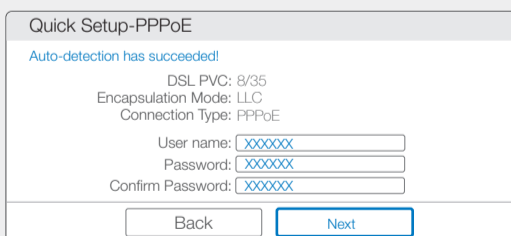Note: If the login window does not appear, please refer to FAQ->Q1.

http://tplinkmodem.net

admin
admin

Login

ⓑ Click **Next** to start **Quick Setup**, and select your **Region** and **Time Zone** from the drop-down list. Then click **Next**.

Quick Setup-Region and Time Zone

Region   --please select--
Time Zone   --please select--
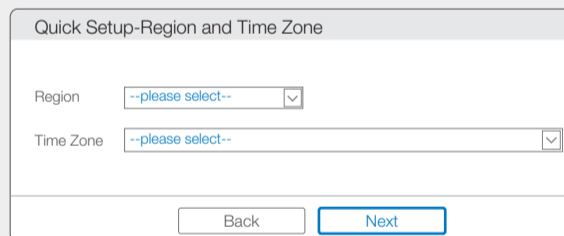
Back   Next

ⓒ Select **Yes** to auto detect your connection type and then click **Next** to continue.

Quick Setup-Auto Detection

Auto-Detect Connection Type:
◉ Yes.
○ No. I want to configure The Internet Connection myself.

Back   Next

ⓓ Enter the parameters provided by your ISP and then click **Next**. Here we take **PPPoE** as an example.

Quick Setup-PPPoE
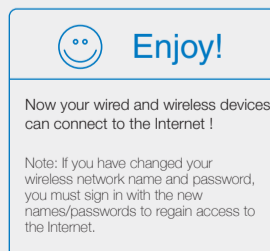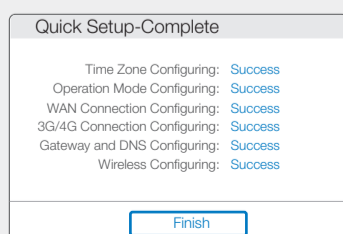
Auto-detection has succeeded!
DSL PVC: 8/35
Encapsulation Mode: LLC
Connection Type: PPPoE
User name: XXXXXX
Password: XXXXXX
Confirm Password: XXXXXX

Back   Next

ⓔ Click **Next** to continue.

Note: You may enable 3G/4G as a backup method for Internet access.

Quick Setup-3G/4G

☐ Enable 3G/4G as a backup solution for Internet access.
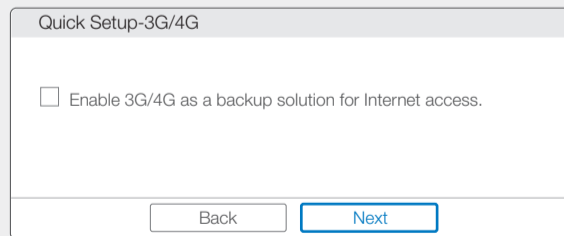
Back   Next

ⓕ Click **Next** to continue.

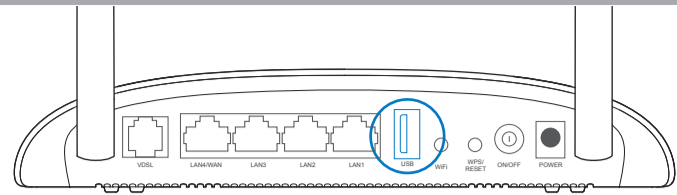Note: You may rename your wireless network name and create your own password.

Quick Setup-Wireless

Wireless Network Name: TP-LINK_XXXX
Channel:
Mode:
Security:
Password: XXXXXXXX

Back   Next
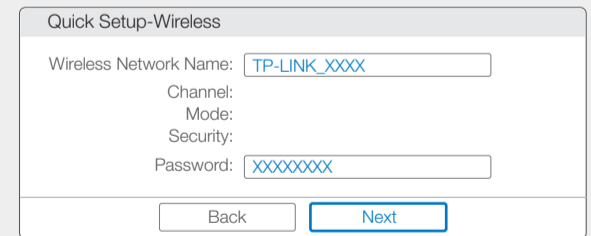
ⓖ Click **Save** and wait for your settings to take effect. Click **Finish** to complete the setup.

Quick Setup-Complete

Time Zone Configuring: Success
Operation Mode Configuring: Success
WAN Connection Configuring: Success
3G/4G Connection Configuring: Success
Gateway and DNS Configuring: Success
Wireless Configuring: Success

Finish

☺ **Enjoy!**

Now your wired and wireless devices can connect to the Internet !

Note: If you have changed your wireless network name and password, you must sign in with the new names/passwords to regain access to the Internet.

USB Features

The USB port can be used for media sharing, storage sharing and printer sharing across your local network. You can also set up the FTP server to access your files remotely by connecting to the Internet.

Note: To learn more about the USB features, please visit http://tp-link.com/app/usb, or simply scan the QR code.

USB sharing port

Remote Access via FTP Server

Media Sharing

Local Storage Sharing

Printer Sharing

Frequently Asked Questions (FAQ)

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

A1. If the computer is set to a static or fixed IP address, change it to obtain an IP address automatically.
A2. Verify http://tplinkmodem.net or http://192.168.1.1 is correctly entered in the web browser and press Enter.
A3. Use another web browser and try again.
A4. Reboot your modem router and try again.
A5. Disable the network adapter used currently then enable it again.

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

A1. Check your cables and make sure they are all plugged in correctly, including the telephone line, Ethernet cable and power adapter.
A2. Check to see if you can log on to the Web-Management page of the modem router. The default address of the Web-Management page is http://tplinkmodem.net or http://192.168.1.1. If you can, try the following steps. (If you can not, please set your computer to obtain an IP address automatically and then try to access the Internet again.)
A3. Consult your ISP and make sure all the VPI/VCI, Connection Type, account username and password are correct. If they are not, please replace them with the correct settings and try again.
A4. If you still cannot access the Internet, please restore your modem router to its factory default settings and reconfigure your modem router following the instructions in this QIG.
A5. Please contact our Technical Support if the problem still exists.

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 approximately 5 seconds.

A2. Log in Web Management page of the modem router, and go to System Tools->Factory Defaults, click Restore, then wait until the progress bar loading finished.
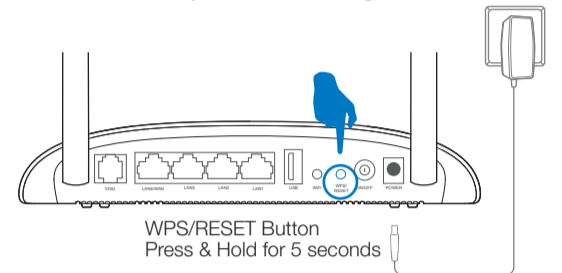
WPS/RESET Button
Press & Hold for 5 seconds

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

- Web Management page password:

Restore the modem router to its factory default settings and then use the default Username 'admin' and Password 'admin' to log in.

- Wireless Network password:

A1. The factory default password can be found on the product label printed on the bottom of the modem router.
A2. If you have changed your password, log on to the modem router's Web Management page, go to Wireless->Wireless Security to obtain or reset your password.

LED Indicators

	Name	Status	Indication
	(Power)	On	System start-up complete.
		Flash	System starting up or device updating.
		Off	Power is off.
	(DSL)	On	DSL line is synchronized and ready to use.
		Flash	The DSL negotiation is in progress.
		Off	There is no connection to the DSL Port or DSL synchronization fails.
	(Internet)	On	The network is available with a successful Internet connection.
		Off	There is no successful Internet connection or the modem router is operating in Bridge mode.
	(Wireless)	On	The wireless function is working properly.
		Off	The wireless function is disabled.
	(WPS)	On/Off	It turns on when a wireless device has been successfully connected to the network via WPS. After about 5 minutes, the WPS LED will turn off.
		Flash	WPS handshaking is in process and will continue for about 2 minutes.
	(USB)	On	The USB device is identified and ready to use.
		Flash	The USB device is being identified.
		Off	No USB device is plugged in to the USB port.
	(LAN 1-4)	On	There is a device connected to this LAN Port.
		Off	There is no device connected to this LAN Port.