TP-LINK®
The Reliable Choice

Quick Installation Guide

150Mbps Wireless N ADSL2+ Modem Router

Please select your preferred setup wizard.

CD Setup Wizard
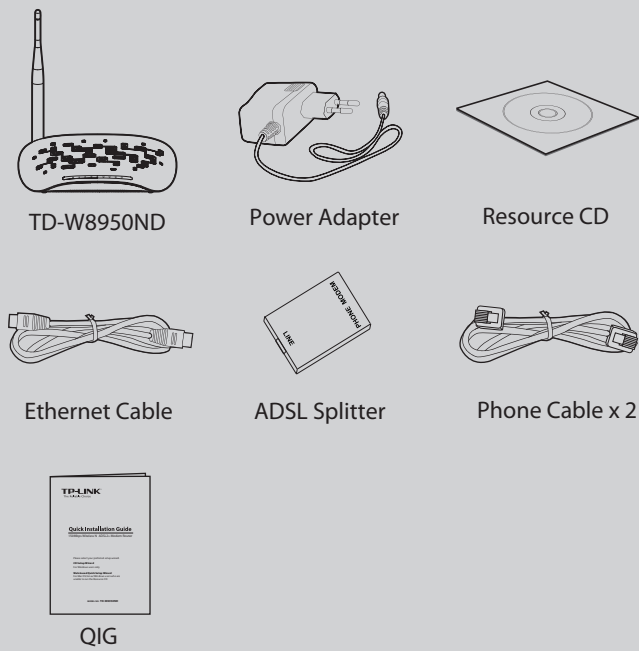For Windows users only

Web-based Quick Setup Wizard
For Mac OS/Linux/Windows users who are unable to run the Resource CD

MODEL NO. **TD-W8950ND**

Package Contents

TD-W8950ND   Power Adapter   Resource CD

Ethernet Cable   ADSL Splitter   Phone Cable x 2

QIG

Necessary Information

For a smoother setup, we suggest that you consult your ISP first and ask for the following information . This information will be used during the configuration stage.

VPI/VCI: _____   Connection Type: _____
Encapsulation Type (Optional): _____

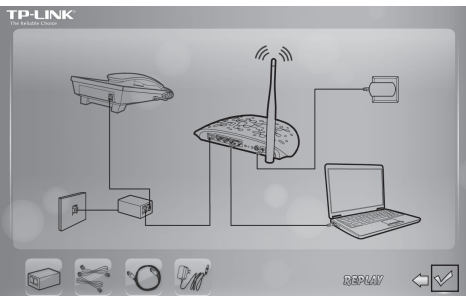
CD Setup Wizard (For Windows users only)

**1** Insert the TP-LINK Resource CD into the CD-ROM drive.
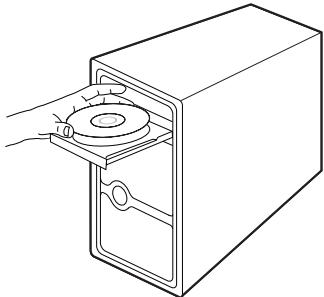
2 Select your product model and click **Start Setup**.

3 Then a flash video will pop up and show you how to connect your devices. When you finish the hardware connection, click ✓ to continue.

4 The Easy Setup Assistant will start. Please check to see if the LEDs (especially the ADSL LED) of your modem router display normally as the chart describes. Then click **NEXT**, and follow the step-by-step instruction until you complete the configuration.
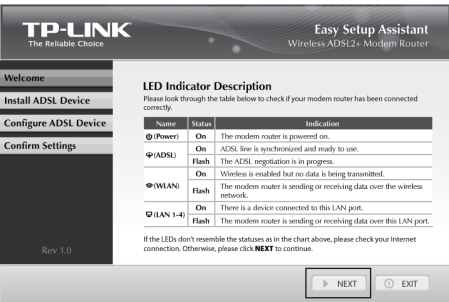
⚠ Note For the advanced configurations, please refer to the User Guide on the Resource CD provided. You can also log on to www.tp-link.com -> select your region -> search for the product -> User Guide can be found under the "Download" tab on the product page.

Web-based Quick Setup Wizard (For Mac OS/Linux/Windows users who are unable to run the Resource CD)

1 Hardware connection.

Phone Cable

Splitter

Wall Socket

Computer

Phone Cable

Ethernet Cable
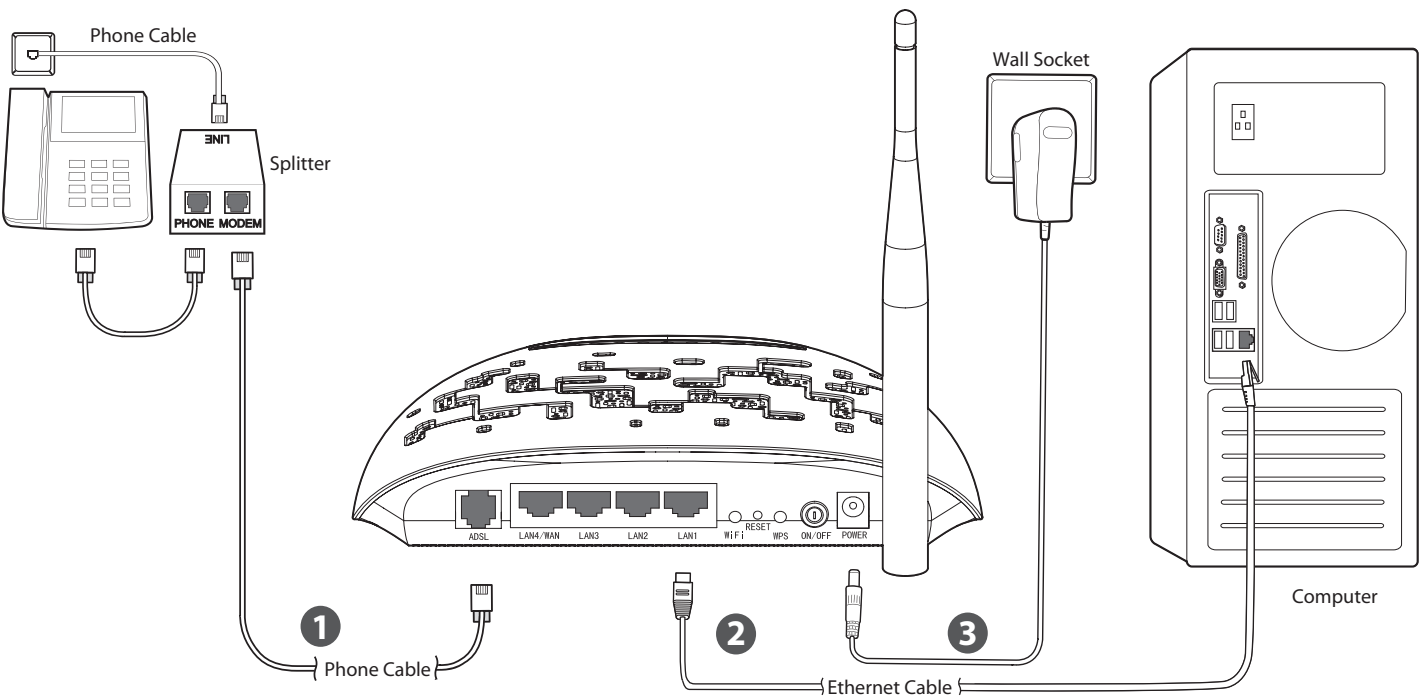
Step 1: Connect your devices step by step following the figure.

Step 2: Power on all your devices and then check the LEDs (especially the ADSL LED).

Name	Status	Indication
(Power)	On	The modem router is powered on.
(ADSL)	On	ADSL line is synchronized and ready to use.
	Flashing	ADSL negotiation is in progress.
(WLAN)	On	Wireless is enabled but no data is being transmitted.
	Flashing	The modem router is sending or receiving data over the wireless network.
(LAN 1-4)	On	There is a device conneted to this LAN port.
	Flashing	The modem router is sending or receiving data over this LAN port.

2 Open your browser and type **http://192.168.1.1** in the address field. Then use the default user name **admin** and password **admin** to log in.
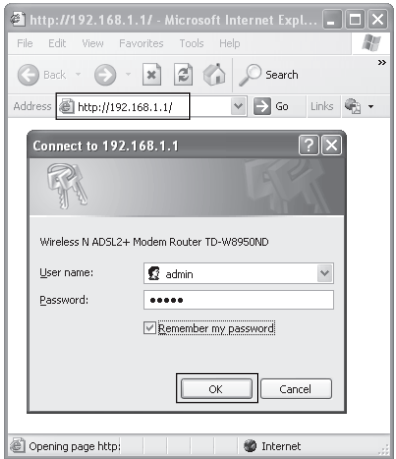
⚠ Note If you are unable to access 192.168.1.1, please refer to **T3** in **Troubleshooting**.

Web-based Quick Setup Wizard (For Mac OS/Linux/Windows users who are unable to run the Resource CD)

3 Choose the **WAN Type** for Internet access. If **ADSL WAN** is selected, please continue to read this guide; If **Ethernet WAN** is selected, please refer to section 4.4.2 WAN Service in User Guide.

Quick Setup - WAN Configurations

Please choose the Wan type for Internet access.

Choose WAN Type: ⦿ ADSL WAN   For ADSL(Telephone line/RJ11) Service
                  ○ Ethernet WAN   For Ethernet(RJ45) Service

☐ Enable IPv6 for this service

[Skip WAN] [Next]

⚠ **Note** If you are unwilling to configure WAN Service now, you can click the **Skip WAN** button, and you can configure it in the **Layer2 Interface** referring to User Guide later.

4 Choose the **WAN Link Type** given by your ISP. Here we use **PPPoE** as an example. Enter the **PPP Username** and **PPP Password** provided by your ISP and then click **Next**.

Quick Setup - WAN Configurations

Country: [Other ▼]
ISP: [Other ▼]
VPI/VCI: [8] / [35] (0-255) / (32-65535)
Encapsulation Mode: [LLC/SNAP-BRIDGING ▼] (optional)

WAN Link Type: [PPPoE (PPP over Ethernet) ▼]
PPP Username: [   ]
PPP Password: [   ]
PPPoE Service Name: [   ] (optional)
MTU (bytes): [1480] (optional)

[Back] [Skip Wan] [Next]

Record this information here:
PPP Username: _____
PPP Password: _____

5 You can rename your wireless network and create your own password in this page. The default wireless network name is TP-LINK_XXXXXX; and the default wireless password, the same as the PIN code, is printed on the bottom label. Click **Next** to continue.

Quick Setup - Wireless Configurations

Enable Wireless: ☑

You can configure SSID and your WLAN Authentication type.

Wireless Network Name: [TP-LINK_011223] (Also called SSID)
In order to protect your network from hackers and unauthorized users, it is highly recommended you choose one of the following wireless network security settings.
Network Authentication: [WPA2-Personal (best/recommended) ▼]
Wireless Network Key: [●●●●●●●●] (Also called WPA Pre-Shared Key)
(You can enter ASCII characters between 8 and 63 characters or 8 to 64 Hexadecimal characters.)

[Back] [Skip Wi-Fi] [Next]

Record your wireless information here:
SSID: _____
Password: _____

6 Please confirm all the parameters. Click **Back** to modify them or click **Confirm** to make your settings take effect.

Quick Setup - Summary

WAN Configurations

WAN Type:	ADSL WAN
Layer 2 Information:	8/35 (LLC/SNAP-BRIDGING)
WAN Link Type:	PPPoE
PPP Username:	username
PPP Password:	111
PPP MTU:	1480

Note1: Some WAN Connection(s) or Layer2 Interface(s) may be replaced by new one!
Note2: The Virtual Server Rules of some WAN Connection(s) may be deleted!

Wi-Fi Configurations

Wireless Network Name:	TP-LINK_011223
Network Authentication:	WPA2-Personal
Wireless NetWork Key:	45264349

[Cancel] [Back] [Confirm]

⚠ **Note** For the advanced configurations, please log on to www.tp-link.com -> select your region -> search for the product -> User Guide can be found under the "Download" tab on the product page.

Troubleshooting

T1. How can I restore my modem router's configuration to its factory default settings?

Once the modem router is reset, the current settings will be lost and you will need to reconfigure the modem router. We strongly suggest you back up the current settings before resetting the modem router. With the modem router powered on, use a pin to press and hold the **RESET** button on the rear panel for 8 to 10 seconds before releasing it.
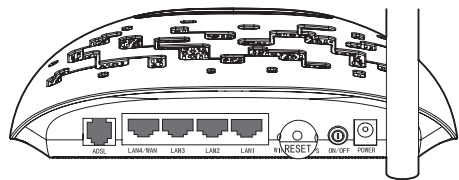
T2. What can I do if I forget my password?

1) For default wireless password:
   Please refer to the "Wireless Password/PIN" labeled on the bottom of the modem router.
2) For the web management page password:
   Reset the modem router first and then use the default user name and password: **admin**/**admin**.

T3. What can I do if I cannot access 192.168.1.1?

For Mac OS X

• Click the **Apple** icon on the upper left corner of the screen.
• Go to "**System Preferences** -> **Network**".
• Select **Airport** on the left menu bar, and then click **Advanced** for wireless configuration; or select **Ethernet** for wired configuration.
• In the **Configure IPv4** box under **TCP/IP**, select **Using DHCP**. Click **Apply** to save the settings.

For Windows 7

• Click "**Start** -> **Control Panel** -> **Network and Internet** -> **View network status** -> **Change adapter settings**".
• Right-click **Wireless Network Connection** (or **Local Area Connection**), and then click **Properties**.
• Select **Internet Protocol Version 4 (TCP/IPv4)**, and then click **Properties**.
• Select **Obtain an IP address automatically** and **Obtain DNS server address automatically**. Then click **OK**.

For Windows XP

• Click "**Start** -> **Control Panel** -> **Network and Internet Connections** -> **Network Connections**".
• Right-click **Wireless Network Connection** (or **Local Area Connection**), and then click **Properties**.
• Select **Internet Protocol (TCP/IP)**, and then click **Properties**.
• Select **Obtain an IP address automatically** and **Obtain DNS server address automatically**. Then click **OK**.

For Windows 8

• Move your mouse to the lower right corner and you will see Search icon in the Popups.
• Go to **Apps**, type **Control Panel** in the search box and press **Enter**.
• Go to "**Control Panel** -> **View network status and tasks** -> **Change adapter settings**".
• Right-click **Ethernet** and then select **Properties**.
• Double-click **Internet Protocol Version 4 (TCP/IPv4)**. Select **Obtain an IP address automatically**, choose **Obtain DNS server address automatically** and then click **OK**.

T4. What can I do if I cannot access the Internet?

1) Check your cables and make sure they are all plugged in securely, including the telephone line, Ethernet cables and power adapter.

2) Check to see if you can log on to the web management page of the modem router. The default IP address of the web management page is **192.168.1.1**. If you can, try the following steps. (If you are unable to access the web management page , please refer to **T3** and then try to access the Internet again after following those steps.)

3) Consult your ISP and make sure all the VPI/VCI, Connection Type, account username and password are correct. If they are not, please repleace them with the correct settings and try again.

4) 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.

⚠ **Note** For more details about Troubleshooting and Technical Support contact information, please log on to our Technical Support website: http://www.tp-link.com/en/support