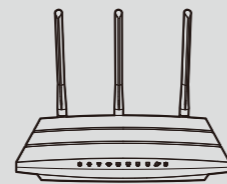# TP-LINK®
The Reliable Choice
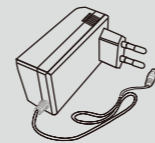
Quick Installation Guide

N900 Wireless Dual Band Gigabit Router

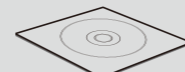**MODEL NO. TL-WDR4900**

Package Contents

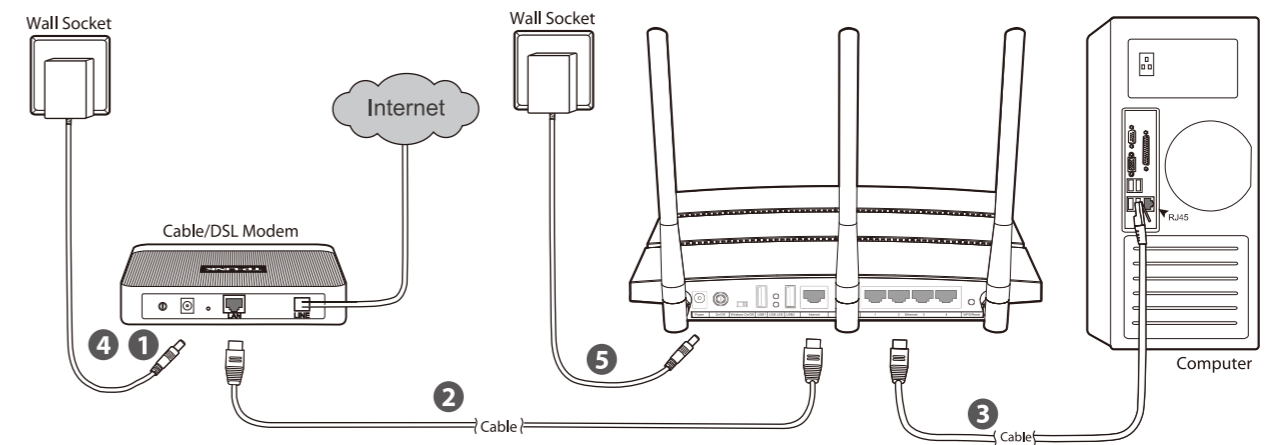TL-WDR4900

Power Adapter

Ethernet Cable

Resource CD

QIG

1 Hardware Connection

Wall Socket

Wall Socket

Internet

Cable/DSL Modem

Computer

Cable

Cable

❶ Power off your modem (if the modem has a backup battery, please remove it too), and disconnect your existing router if you have one.

❷ Connect the **Internet** port on your Router to the Modem's **LAN** port with an Ethernet cable.

❸ Connect your computer to one of the **Ethernet** ports labeled 1~4 on the Router with an Ethernet cable.

❹ Power on the modem and wait for 2 minute.

❺ Plug the provided power adapter into the **Power** jack and the other end to a standard electrical wall socket. Press the **On/Off** button to power on the Router. (Before you power on the Router, make sure your computer is NOT connected to any other wireless network.)

> **Note** To use the Router to share files or printer, plug an external USB hard drive or USB flash disk into the **USB** port, or connect a USB printer to the **USB** port. Please refer to **Appendix 1** for more details about USB features.

2 Configuration for Windows with Setup Wizard

If you are using a MAC/Linux or a Windows computer without a CD drive to run the mini CD, please refer to **Appendix 2** for configuration.

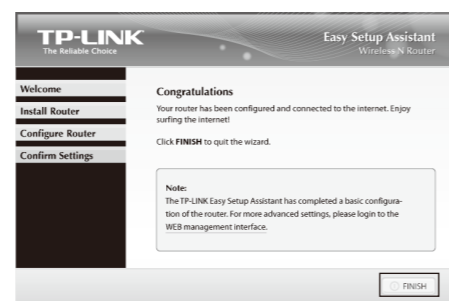**1** Insert the TP-LINK Resource CD into the CD-ROM drive.
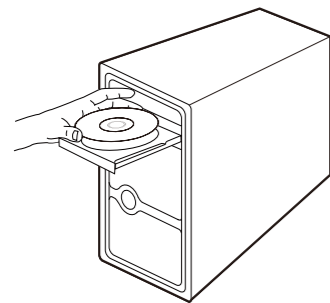
2 Select **TL-WDR4900** and click **Easy Setup Assistant**.

3 Select your language from the drop-down menu. Click **START** and the **Easy Setup Assistant** will guide you step by step to set up the Router.
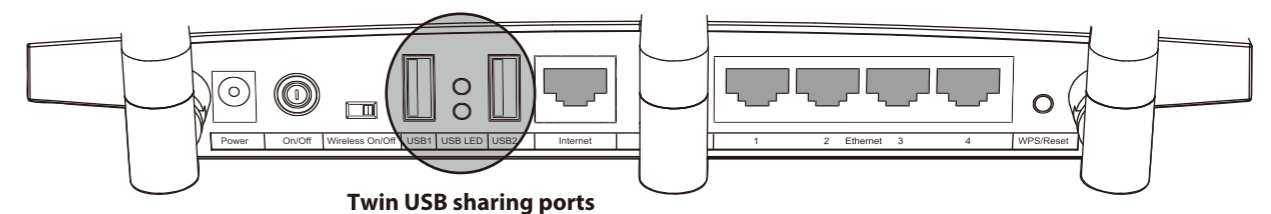
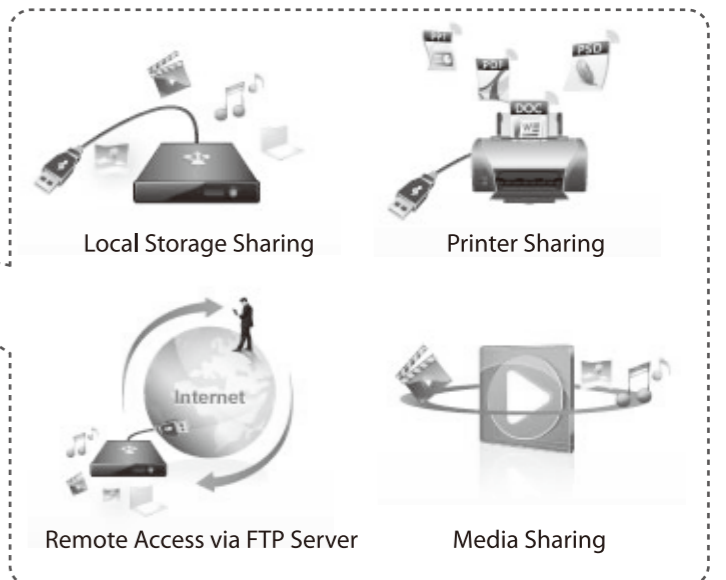**4** Follow the instructions until you see the screen below. Click **FINISH** to complete the setup.

Appendix 1: USB Features Introduction and Application

The USB 2.0 ports on the TL-WDR4900 can be used to share your file, media, storage space, and printer across your local network. Besides, by setting up an FTP server, you can access your files whenever you are connected to the Internet.

Power   On/Off   Wireless On/Off   USB1   USB LED   USB2   Internet   1   2   Ethernet   3   4   WPS/Reset

Twin USB sharing ports

Scan the QR code to access the Application Guide for USB features.

http://www.tp-link.com/app/usb

Local Storage Sharing   Printer Sharing

Internet

Remote Access via FTP Server   Media Sharing

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1 Open your web browser and type **http://tplinklogin.net** in the address bar. Then type **admin** both for user name and password to log in.

Connect to tplinklogin.net
TP-LINK Wireless Dual Band Gigabit Router WDR4900
User name: admin
Password:
☑ Remember my password
OK   Cancel
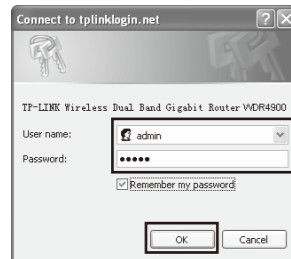
Note If the login window fails to pop up or you cannot access the management page after the login window, please refer to **Troubleshooting-2**.
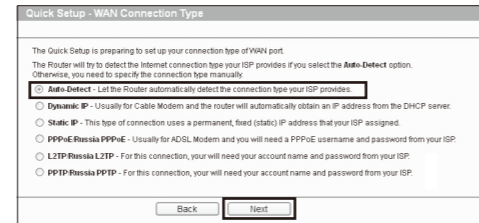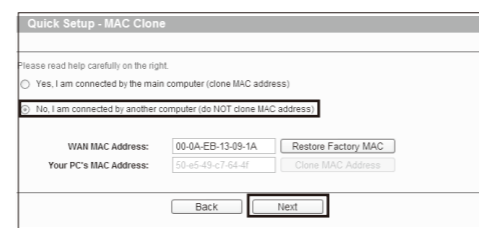
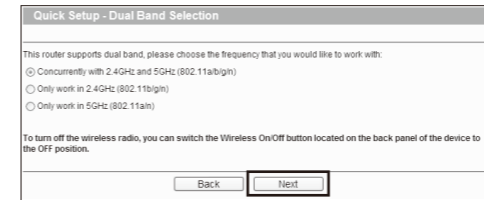**2** Click **Quick Setup** on the main menu and then click **Next**.

Quick Setup
The quick setup will tell you how to configure the basic network parameters.
To continue, please click the **Next** button.
To exit, please click the **Exit** button.
Exit   Next
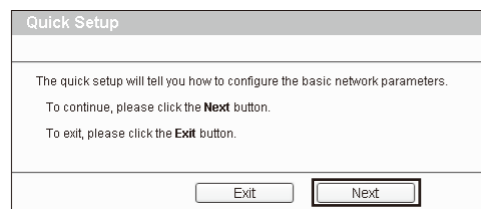
3 Select **Auto-Detect** to detect the WAN connection type and click **Next**.

Quick Setup - WAN Connection Type
The Quick Setup is preparing to set up your connection type of WAN port.
The Router will try to detect the Internet connection type your ISP provides if you select the **Auto-Detect** option.
Otherwise, you need to specify the connection type manually.
○ **Auto-Detect** - Let the Router automatically detect the connection type your ISP provides.
○ **Dynamic IP** - Usually for Cable Modem and the router will automatically obtain an IP address from the DHCP server.
○ **Static IP** - This type of connection uses a permanent, fixed (static) IP address that your ISP assigned.
○ **PPPoE/Russia PPPoE** - Usually for ADSL Modem and you will need a PPPoE username and password from your ISP.
○ **L2TP/Russia L2TP** - For this connection, you will need your account name and password from your ISP.
○ **PPTP/Russia PPTP** - For this connection, your will need your account name and password from your ISP.
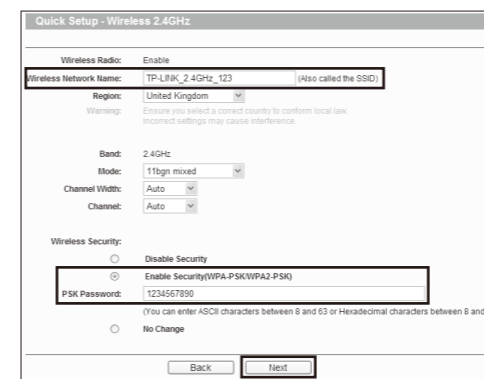Back   Next

4 The **Dynamic IP** is the suitable connection type for most cases. Here we take it for example. On the next page for MAC clone, please just select **No** and then click **Next**.

Quick Setup - MAC Clone
Please read help carefully on the right.
○ Yes, I am connected by the main computer (clone MAC address)
○ No, I am connected by another computer (do NOT clone MAC address)
WAN MAC Address: 00-0A-EB-13-09-1A   Restore Factory MAC
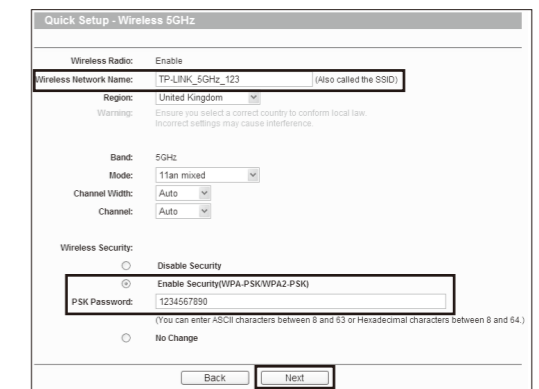Your PC's MAC Address: 50-e5-49-c7-64-4f   Clone MAC Address
Back   Next

5 Choose the frequency you want for your wireless network and then click **Next**. For the example we choose "Concurrently with 2.4GHz and 5GHz (802.11 a/b/g/n)" below.
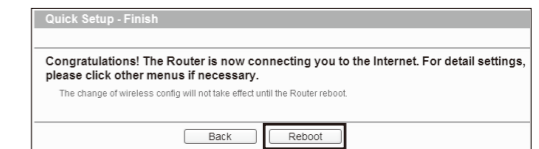
Quick Setup - Dual Band Selection
This router supports dual band, please choose the frequency that you would like to work with:
○ Concurrently with 2.4GHz and 5GHz (802.11a/b/g/n)
○ Only work in 2.4GHz (802.11b/g/n)
○ Only work in 5GHz (802.11a/n)
To turn off the wireless radio, you can switch the Wireless On/Off button located on the back panel of the device to the OFF position.
Back   Next

6 You can rename your 2.4GHz wireless network and create your own password in this page. The default wireless name is TP-LINK_2.4GHz_XXXXXX; and the default wireless password, the same as the PIN code, is printed on the bottom label. Then click **Next** to continue.
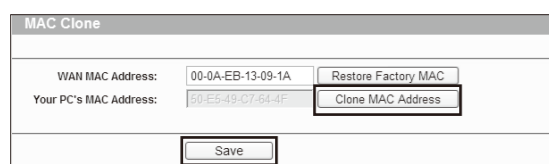
Quick Setup - Wireless 2.4GHz
Wireless Radio: Enable
Wireless Network Name: TP-LINK_2.4GHz_123   (Also called the SSID)
Region: United Kingdom
Warning: Ensure you select a correct country to conform to local law.
Incorrect settings may cause interference.
Band: 2.4GHz
Mode: 11bgn mixed
Channel Width: Auto
Channel: Auto
Wireless Security:
○ Disable Security
○ Enable Security(WPA-PSK/WPA2-PSK)
PSK Password: 1234567890
(You can enter ASCII characters between 8 and 63 or Hexadecimal characters between 8 and 64.)
○ No Change
Back   Next

7 You can rename your 5GHz wireless network and create your own password in this page. The default wireless name is TP-LINK_5GHz_XXXXXX; and the default wireless password, the same as the PIN code, is printed on the bottom label. Then click **Next** to continue.

Quick Setup - Wireless 5GHz
Wireless Radio: Enable
Wireless Network Name: TP-LINK_5GHz_123   (Also called the SSID)
Region: United Kingdom
Warning: Ensure you select a correct country to conform to local law.
Incorrect settings may cause interference.
Band: 5GHz
Mode: 11an mixed
Channel Width: Auto
Channel: Auto
Wireless Security:
○ Disable Security
○ Enable Security(WPA-PSK/WPA2-PSK)
PSK Password: 1234567890
(You can enter ASCII characters between 8 and 63 or Hexadecimal characters between 8 and 64.)
○ No Change
Back   Next

8 Click **Reboot** or **Finish** to make your settings take effect.

Quick Setup - Finish
Congratulations! The Router is now connecting you to the Internet. For detail settings, please click other menus if necessary.
The change of wireless config will not take effect until the Router reboot.
Back   Reboot

Troubleshooting

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

1) Check to verify all connections are connected properly. Try with different Ethernet cables to ensure they are working properly.

2) Check to see if you are able to access the Router's web management page. If not, please refer to "**What can I do if I cannot open the web management window?**".

3) Please log in the web management page (http://tplinklogin.net), click the menu "**Network > WAN**", and ensure that the WAN Connection Type is Dynamic IP; this is the suitable connection type for most DSL/Cable modem and other network.

4) For cable modem users, please try rebooting the modem first. If the problem persists, please go to "**Network > MAC Clone**", and click **Clone MAC address** and then **Save**. After the above two steps, if you are still unable to access the Internet, please contact our technical support for further assistance.

MAC Clone
WAN MAC Address: 00-0A-EB-13-09-1A   Restore Factory MAC
Your PC's MAC Address: 50-E5-49-C7-64-4F   Clone MAC Address
Save

2. What can I do if I cannot open the web-based management page?

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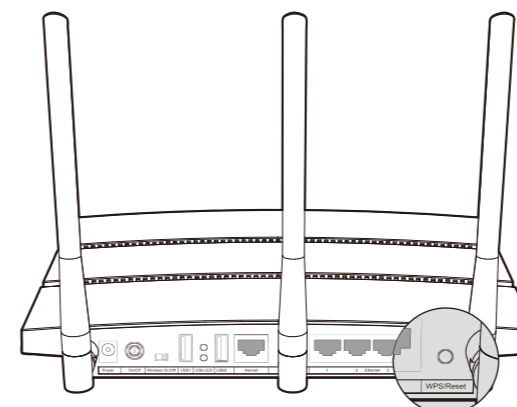
For Windows XP:
- Click "**Start** -> **Control Panel** -> **Network and Internet Connections** -> **Network Connections**".
- Right-click **Wireless Network Connection** (or **Local Area Connection**), and then click **Properties**.
- Select **Internet Protocol (TCP/IP)**, and then click **Properties**.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

3. 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 Router.

2) For the web management page password:
Reset the Router first and then use the default user name and password: admin, admin.

4. How do I restore my Router's configuration to its factory default settings?

If your router does not work properly, you can reset it and then configure it again. With the Router powered on, press and hold the **WPS/Reset** button on the rear panel for approximately 8 seconds before releasing it.