TP-LINK®
The Reliable Choice

Quick Installation Guide

150Mbps Wireless AP/Client Router

Package Contents

TL-WR743ND

QIG

Passive PoE Injector

Power Adapter

Resource CD

Ethernet Cable

System Requirement

|		
· Windows 7	· Windows Vista	· Windows XP
· Windows 2003	· Windows 2000	· Windows 98
· Windows Me	· Mac	· Linux

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1 Hardware Connection

Here we take the **Client Router** mode for example. If you want to achieve other applications, please refer to the User Guide on the resource CD.


WISP Signal

SOCKET

TL–WR743ND Router

Notebook
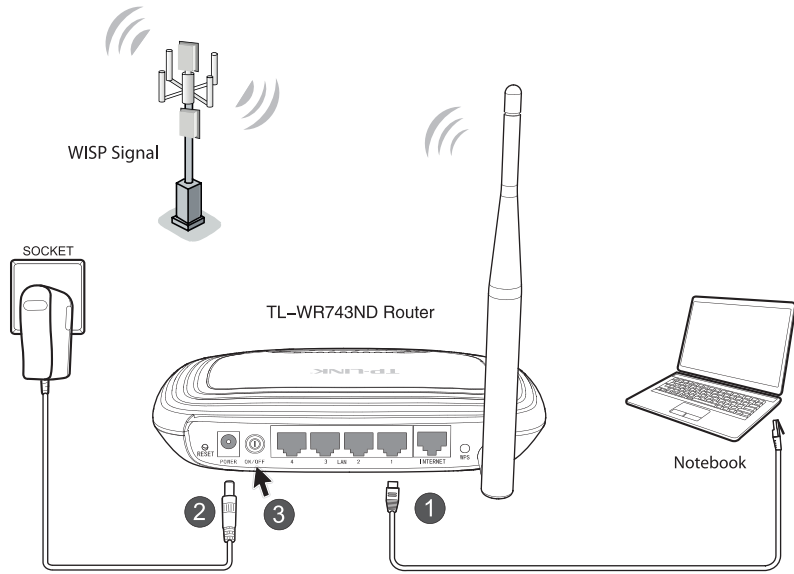
1 Connect your computer to the **LAN** port of your router with an Ethernet Cable.

2 Plug one end of the provided power adapter into the **POWER** jack of the router, and the other end to a standard electrical wall socket.

3 Press the power button of the router.

⚠ Note
1. You are recommended to place the router away from electrical devices, such as ceiling fans, home security systems, microwave and the base for a cordless phone.
2. If the distance between the outlet and the router is too long to supply power, you can refer to the Power over Ethernet (PoE) solution in **Appendix A: With PoE Setup**.

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2 PC Configuration

1 For Windows 7/Vista, click **Start** > **Settings** > **Control Panel** > **View network status and tasks** > **Manage network connection**.
For Windows XP/2000, click **Start** > **Control Panel** > **Network and Internet Connections** > **Network Connection**.

2 Right-click "**Local Area Connection**" and then click "**Properties**".
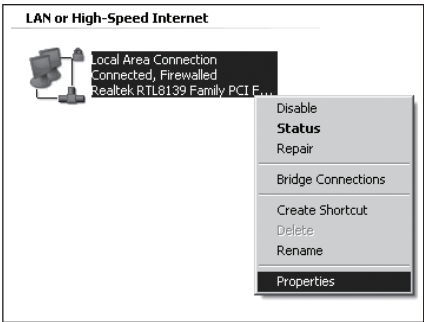
3 Select "**Internet Protocol Version 4(TCP/IPv4)**" or "**Internet Protocol (TCP/IP)**" and click "**Properties**".
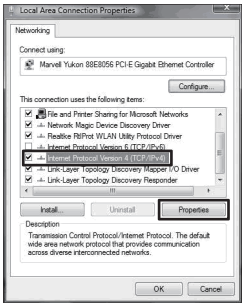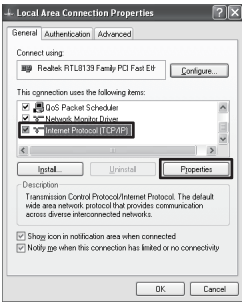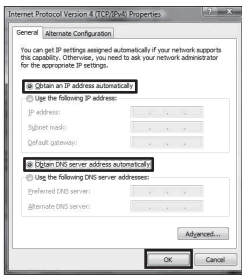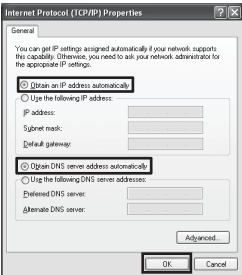

For Windows 7/Vista   For Windows XP/2000

4 Select "**Obtain an IP address automatically**" and "**Obtain DNS server address automatically**". Then click "**OK**".
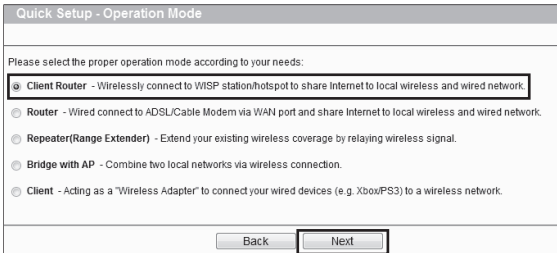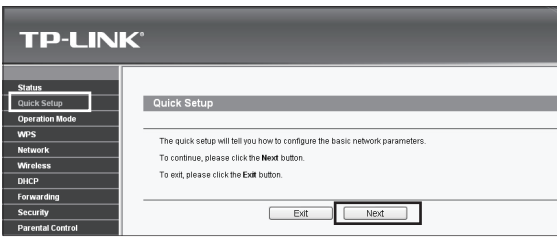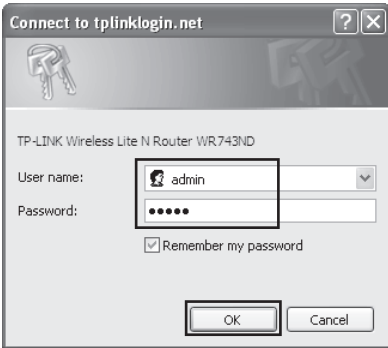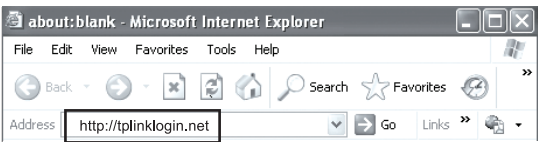

For Windows 7/Vista   For Windows XP/2000

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3 Router Configuration

1 Open a web browser. Type in "**http://tplinklogin.net**" and press **Enter**.

2 Enter the User name and Password (**admin/admin**) and click "**OK**".

3 After a successful login, click "**Quick Setup**" item and then click "**Next**" to continue.

4 Select "**Client Router**" mode and click "**Next**". (Here takes Client Router mode for example.)

(To be continued)

5 Choose your "**WAN Connection Type**" and click "**Next**" to continue.

Quick Setup - WAN Connection Type

The Quick Setup is preparing to set up your connection type of WAN port.

Please choose the Internet connection type your ISP provides.

○ **Dynamic IP (Most Common Setup)** - Use this option if you are immediately online once your computer directly plugs into your Cable/DSL modem without any setting changes or signing-in.

○ **PPPoE** - Use this option if you use this option if you use to run a specified program such as "Broadband Connection" on the computer with Username and Password provided by your ISP.

○ **Static IP** - You will need the specific (fixed) IP address assigned to your connection by your ISP.

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a) If "**Dynamic IP**" is selected, the Router will automatically receive the IP parameters from your WISP without needing to enter any parameters.

b) If "**PPPoE**" is selected, please enter the "**User Name**" and "**Password**" given by your WISP. Then click "**Next**".

Quick Setup - PPPoE

User Name:	username
Password:	●●●●●●●●
Confirm Password:	●●●●●●●●

[Back] [Next]

c) If "**Static IP**" is selected, please enter the "**IP Address**" and "**Subnet Mask**" given by your WISP. Then click "**Next**".

Quick Setup - Static IP

IP Address:	0.0.0.0	
Subnet Mask:	0.0.0.0	
Default Gateway:	0.0.0.0	(Optional)
Primary DNS:	0.0.0.0	(Optional)
Secondary DNS:	0.0.0.0	(Optional)

[Back] [Next]

6 Click "**Survey**" button to find the available wireless networks.

Quick Setup - WISP Station Setting

Wireless Name of WISP Station: _____ (also called SSID)
MAC Address of WISP Station: _____

[Survey]

Click Survey button to scan the wireless networks, and choose the target one to setup.

Region: United States ▾
Warning: Ensure you select a correct country to comply local law. Incorrect settings may cause interference.
Wireless Security Mode: Most Secure(WPA/WPA2-PSK ▾
All security settings, for example the wireless password should match the root AP router.
Wireless Password: _____

You can enter ASCII characters between 8 and 63 or Hexadecimal characters between 8 and 64.

[Back] [Next]

7 Select the SSID of your target network and click "**Connect**".

AP List

AP Count: 1

ID	BSSID	SSID	Signal	Channel	Security	Choose
1	94-0C-6D-2F-3C-BE	TP-LINK_Network1	26dB	11	WPA2-PSK	Connect

[Back] [Refresh]

8 The SSID and BSSID will be automatically filled into the wireless setting figure. Select the "**Region**", "**Wireless Security Mode**" and enter the "**Wireless Password**". Then click "**Next**".

Quick Setup - WISP Station Setting

Wireless Name of WISP Station: TP-LINK_Network1 (also called SSID)
MAC Address of WISP Station: 94-0C-6D-2F-3C-BE

[Survey]

Click Survey button to scan the wireless networks, and choose the target one to setup.

Region: United States ▾
Warning: Ensure you select a correct country to comply local law. Incorrect settings may cause interference.
Wireless Security Mode: Most Secure(WPA/WPA2-PSK ▾
All security settings, for example the wireless password should match the root AP router.
Wireless Password: _____

You can enter ASCII characters between 8 and 63 or Hexadecimal characters between 8 and 64.

[Back] [Next]

9 You can rename and secure your local wireless network on this page. The default wireless name is TP-LINK_XXXXXX, and the default security setting is the same as the remote WISP station. Click "**Next**" to continue.

Quick Setup - Local Wireless AP Setting

Local Wireless Name: TP-LINK_13TB00 (also called SSID)
☑ Use the same security settings for the local wireless network as the remote WISP station

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⚠ **Note** To change the default security setting, uncheck the box before "**Use the same security settings for the local wireless network as the remote WISP station**". Then select the "**Wireless Security Mode**" and enter the "**Wireless Password**". The **Most Secure(WPA/WPA2-PSK)** encryption type is recommended.

10 Please confirm your settings and click "**Reboot**" button to make all configuration take effect. It's recommended to click "**Save**" button to save the settings for future reference.

⚠ **Note** For the configurations of Router mode, Repeater mode, Bridge with AP mode and Client mode, please refer to the User Guide on the resource CD.

Appendix A: With PoE Setup

WISP Signal

TL-WR743ND Router

DC PoE LAN

SOCKET

Passive PoE Injector

Notebook
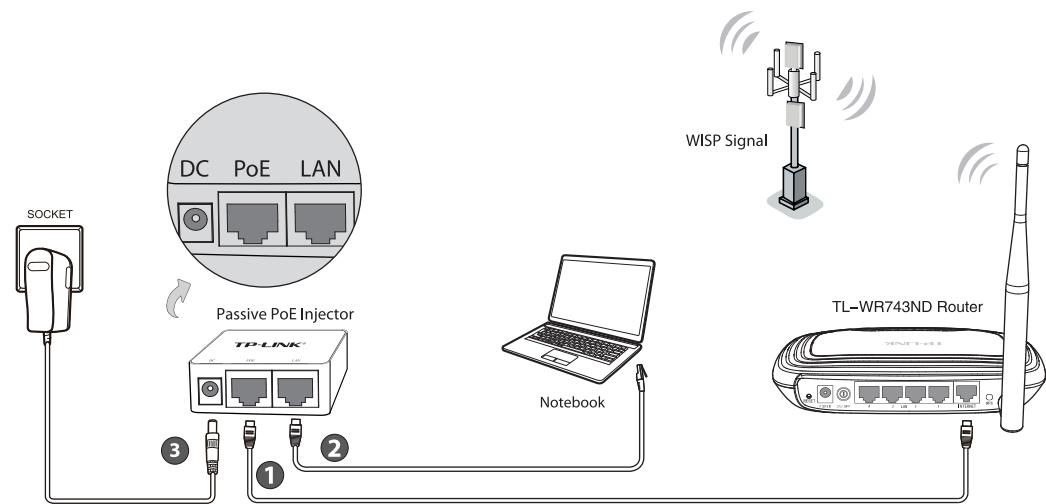
❶ Connect the **INTERNET** port of your router to the **PoE** port on the Passive PoE injector with an Ethernet Cable.

❷ Connect your computer to the **LAN** port of your Passive PoE injector with an Ethernet Cable.

❸ Plug the provided power adapter into the **DC** jack on the Passive PoE injector, and the other end to a standard electrical wall socket.

⚠ **Note**
1. The passive PoE injector supports a cable length up to 30 meters due to the environment.
2. If you need a longer data transmission distance (not exceeding 100 meters), TP-LINK's 48V PoE adapters such as TL-POE200, TL-POE150S and TL-POE10R are recommended.

Appendix B: Troubleshooting

1. 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, use a pin to press and hold the **RESET** button on the rear panel for approximately 8 seconds before releasing it.
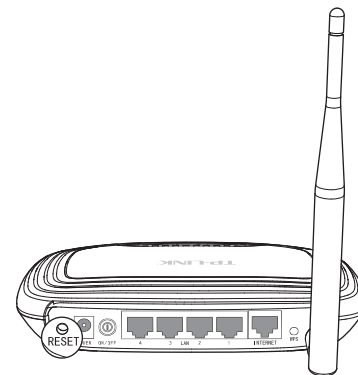
2. What can I do if I forget my password?

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**.

Technical Support