

**Quick Installation Guide**  
WiFi Pocket Router/AP/TV Adapter/Repeater

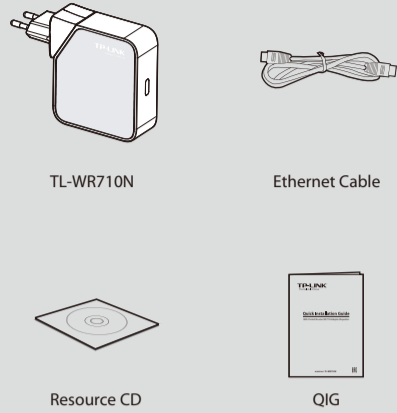
MODEL NO. TL-WR710N



7106504563 REV2.0.0

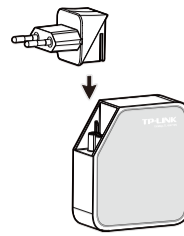
**Package Contents**

**Note:** The provided power plug may differ from the picture due to different regional power specifications. Here we use the EU version as an example.

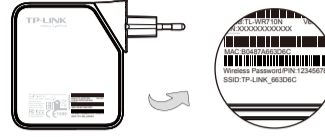


**Physical Description**

Connect the plug directly to the TL-WR710N to finish hardware connection.



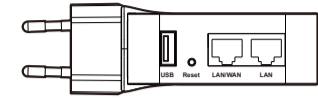
After hardware connection, please write down the **Wireless Password** and **SSID** on the label of your Router for later use. Both are **case-sensitive**.



- \* **Wireless Password/PIN:** Default Password
- \* **SSID:** Default Wireless Network Name

TL-WR710N LED:

Status	Indication
Solid Green	• The device is working properly.
Blinking	• System is booting. • The Ethernet Cable or USB Device is connecting to the product.



**USB:** It is used to connect USB Flash or Hard Disk for file sharing and Mobile devices for charging.

**Reset:** It is used to reset the Router to its factory defaults.

**LAN/WAN:** Must use this port to connect to your Modem while in Router mode. For all other modes, use it as an additional LAN port.

**LAN:** Connect your ethernet enabled devices for wired network access. In client mode, use it to give wireless access to a wired-only device. In access point mode, use it to receive network access from your local network.

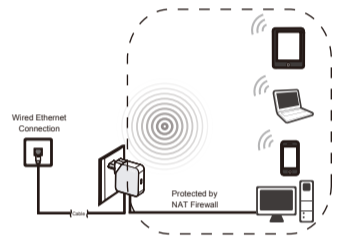
**Note:** For more detailed information about **Reset**, please refer to **Appendix: Troubleshooting**.

**Hardware Connection**

- 1 Wireless Router Mode (Default)**
- 2 Access Point Mode**
- 3 Repeater Mode**
- 4 Client Mode**
- 5 WISP Client Router Mode**

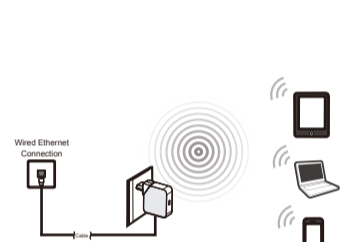
Create an instant private wireless network and share Internet to multiple Wi-Fi devices. This mode is suitable for hotel rooms and home networks.

(Note: if the hotel's Internet has an authentication process, you will need to authenticate only once and only on one device.)



Create a wireless network from an Ethernet connection. This mode is suitable for dorm rooms or homes where there's already a wired router but you need a wireless hotspot.

(Note: if the hotel's Internet has an authentication process, you will need to authenticate it on EACH device.)



Repeat signal from an existing wireless network. This mode is suitable to extend wireless coverage, reaching devices that were previously too far from your primary router to maintain a stable wireless connection.

The repeated signal will display the same network name and password as your existing wireless network.



In this mode, this device can be connected to another device via Ethernet cable and act as an adapter to grant your wired devices access to a wireless network, especially for a Smart TV, Media Player, or Game console only with an Ethernet port.



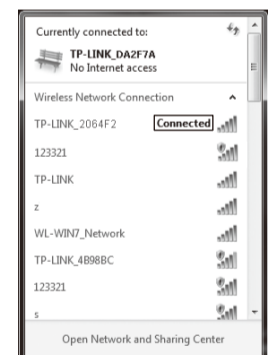
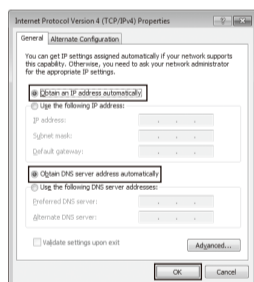
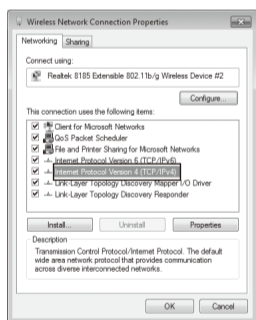
Use as a client router to receive Internet access from a Wireless Internet Service Provider (WISP), and share that access with local devices.



**Instant Wireless Connection**

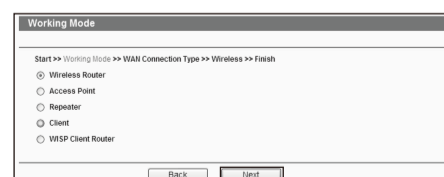
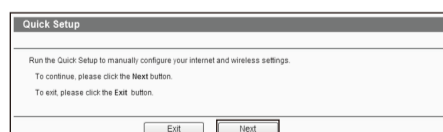
(The examples illustrated below are from Windows 7. If you are using a different Windows, or a Mac Operating System, your screenshots may look different, but the procedure is the same.)

- 1** Go to **Start > Control Panel > View network status and tasks > Change adapter settings**. Right click **Wireless Network Connection**, and select **Properties**. Double click **Internet Protocol Version 4 (TCP/IPv4)** in the item list.
- 2** Set up the TCP/IP Protocol in **"Obtain an IP address automatically"** and **"Obtain DNS server address automatically"** mode on your PC. Click **OK**.
- 3** Click the Wireless Network icon on your desktop. Select the **Default SSID** of the TL-WR710N, then click **Connect**.
- 4** Enter the **Default Password**. Click **OK** or **Next**.
- 4** The figure below indicates you have successfully connected to your network.



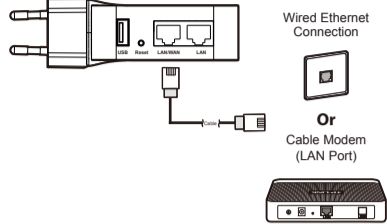
**Operation Mode Configuration**

- 1** Open a Web browser and go to the page **http://tplinklogin.net**. Enter the default **User Name** and **Password**: admin, both in lower case letters. Click **OK**.
- 2** After a successful login, click **"Quick Setup"** from the menu to configure your TL-WR710N. Click **"Next"**.
- 3** Choose the **Working Mode** you need, then click **"Next"** and refer to the corresponding mode on the back page for further instruction.

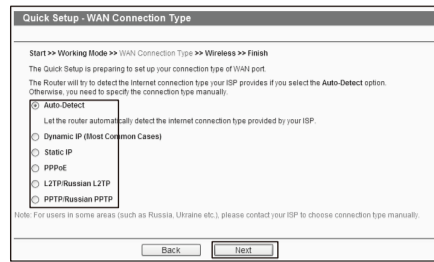


## Wireless Router Mode

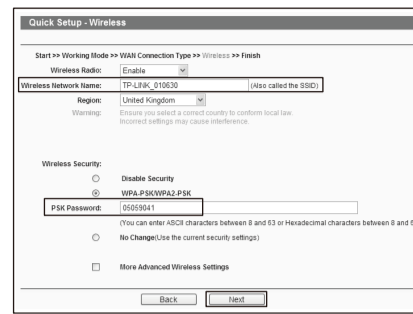
- Before configuring, TL-WR710N must be connected to your existing network or modem via the **LAN/WAN Port**. If you are connecting the TL-WR710N directly to your **cable modem**, you must first power reset the modem and wait until its **ONLINE LED is solid**. If you are connecting the TL-WR710N to an existing network, simply plug the ethernet cable into the **LAN/WAN port** and to your network. **In either case, wait until the LED on TL-WR710N is solid green.**



- The router will detect your Internet accessibility automatically.
  - If it's accessible, the router will skip to the **Wireless** page in Step 3 directly.
  - If not, page below will display. If you don't know your connection type, select **"Auto-Detect"** and the Router will try to detect the Internet connection type your ISP provides. Otherwise, specify the connection type manually.



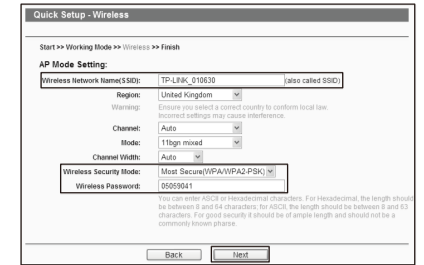
- Set your wireless parameters. If desired, you may change your Wireless Network Name, Wireless Security Mode, or Password. Click **"Next"** and then **"Reboot"**.



- After the rebooting, reconnect to the wireless network of TL-WR710N according to **"Instant Wireless Connection"**.

## Access Point Mode

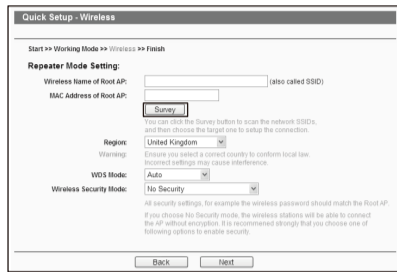
- Set your wireless parameters. If desired, you may change your Wireless Network Name, Wireless Security Mode, or Password. Click **"Next"** and then **"Reboot"**.



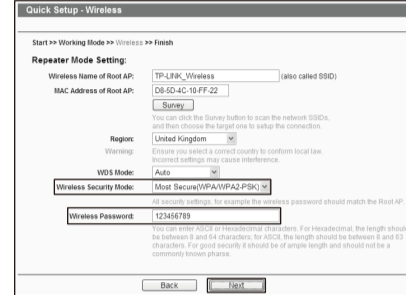
- After the rebooting, reconnect to the wireless network of TL-WR710N according to **"Instant Wireless Connection"**.

## Repeater Mode

- Click **"Survey"** button to find the available wireless networks. Then select the SSID of your main router and click **"Connect"**.



- The main router's SSID will be automatically filled into the wireless setting page. Select the Security Mode and enter the Password of main router. Click **"Next"** and then **"Reboot"**.



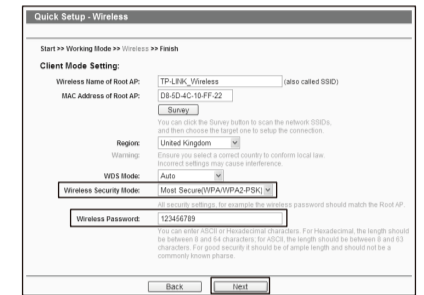
- After the rebooting, reconnect to the network of main router according to **"Instant Wireless Connection"**.

## Client Mode

- Click **"Survey"** button to find the available wireless networks. Then select the SSID of your target network and click **"Connect"**.



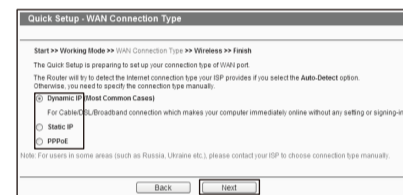
- The target network's SSID will be automatically filled into the wireless setting page. Select the Security Mode and enter the Password. Click **"Next"** and then **"Reboot"**.



- After the rebooting, connect TL-WR710N to your computer or entertainment devices via Ethernet cable.

## WISP Client Router Mode

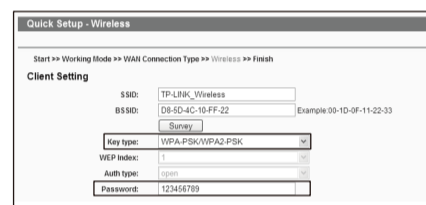
- Choose your WAN Connection Type:
  - If you select **PPPoE**, then enter the User Name and Password given to you by your ISP, and click **"Next"**.
  - If you select **Dynamic IP**, click **"Next"** and continue to step 2.
  - If you select **Static IP**, then enter the IP Address and Subnet Mask given by your ISP, and click **"Next"**.



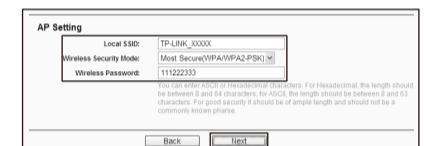
- Click **"Survey"** button to find the available wireless networks. Then select the SSID of your target network and click **"Connect"**.



- The target network's SSID and BSSID will automatically fill the relevant wireless setting boxes. Select the **Key type** and enter the **Password**.



- Default **Local SSID** and **Wireless Password** are filled in the relevant wireless setting boxes. You can change them to familiar ones and remember them. Click **"Next"** and then **"Reboot"**.

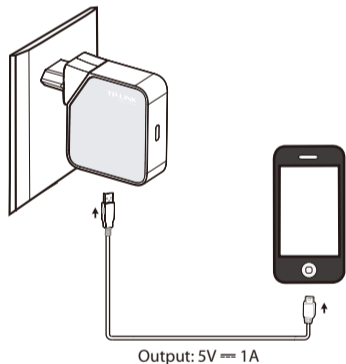


- After the rebooting, reconnect to the **Local SSID** you have set in Step 4 according to **"Instant Wireless Connection"**.

## Appendix1: USB Features Introduction and Application

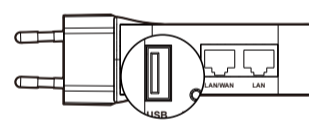
### Mobile Device Charging

The USB port on the TL-WR710N can be used for smart phones charging.



### Storage Sharing and Media Server

The USB port on the TL-WR710N can be used to share your file, media, storage, and space across your local network.



Scan the QR code to access the Application Guide for USB features.  
<http://www.tp-link.com/app/usb>



For more details about the USB Features and Settings, please refer to the User Guide on the Resource CD.

## Appendix2: Repeater Mode

### Optimization Guide

When choosing an ideal location to optimize the performance of repeater mode, please keep the points below in mind.

#### The Best Way is Half-Way

Generally, the ideal location for your TL-WR710N is half-way between your wireless router and your Wi-Fi enabled devices. If that is not possible, placing the TL-WR710N closer to your wireless router will ensure stable performance.



#### Less Obstacles = Better Performance

Try to choose a location that will minimize the number of obstacles between the TL-WR710N and your wireless router. Open corridors or other spacious locations will typically provide better conditions for performance than a crowded room.

#### Less Interference = More Stability

Try to choose a location that minimizes interference from devices operating on the same wireless frequency, such as cordless phones bluetooth devices, and microwave ovens.

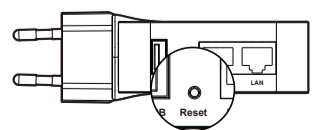
## Appendix3: Troubleshooting

### 1 What can I do if I forget my password?

- Restore the Router's configuration to its factory default settings. If you don't know how to do that, please refer to **How can I restore my Router's configuration to its factory default settings?**
- To log in the Web Management page, use the default user name and password: admin, admin. To connect to the Wireless Network, use the default password on the label.
- Try to configure your Router once again by following the instructions in the previous steps of the QIG.

### 2 How can I restore my Router's configuration to its factory default settings?

With the Router powered on, use a pin to press and hold the **Reset** button for about 5 seconds before releasing it.



For more advanced settings, please refer to the User Guide in the Resource CD.

### 3 What can I do if my signal strength is low?

Low signal strength can be caused by obstruction from walls or objects. If you are receiving low signal strength, try to place your TL-WR710N in a higher location, keeping it away from obstructed locations like under or behind a desk.

Generally speaking, putting your TL-WR710N in a location central to your home will maximize your signal coverage.

### 4 What can I do if I want to switch the Operating Mode or change some settings?

If you want to change the Operating Mode, please refer to the **"Operating Mode Configuration"** section to change the mode. You may also change any settings via the Web management page.

## Technical Support

- For more troubleshooting help, go to [www.tp-link.com/en/support/faq](http://www.tp-link.com/en/support/faq)
- To download the latest Firmware, Driver, Utility and User Guide, go to <http://www.tp-link.com/en/support/download/>
- For all other technical support, please contact us by using the following details:

**Global**  
Tel: +86 755 2650 4400  
Fee: Depending on rate of different carriers, IDD.  
E-mail: support@tp-link.com  
Service time: 24hrs, 7 days a week

**Singapore**  
Tel: +65 6284 0493  
Fee: Depending on rate of different carriers.  
E-mail: support.sg@tp-link.com  
Service time: 24hrs, 7 days a week

**UK**  
Tel: +44 (0) 845 147 0017  
Fee: Landline: 1p-10.5p/min, depending on the time of day. Mobile: 15p-40p/min, depending on your mobile network.  
E-mail: support.uk@tp-link.com  
Service time: 24hrs, 7 days a week

**USA / Canada**  
Toll Free: +1 866 225 8139  
E-mail: support.usa@tp-link.com(USA) support.usa@tp-link.com(Canada)  
Service time: 24hrs, 7 days a week

**Germany / Austria**  
Tel: +49 1805 875 465 (German Service) +49 1805 TPLINK+43 820 820 360  
Fee: Landline from Germany: 0.14EUR/min. Landline from Austria: 0.20EUR/min.  
E-mail: support.de@tp-link.com  
Service Time: Monday to Friday, 09:00 to 12:30 and 13:30 to 18:00. GMT+1 or GMT+2 (DST in Germany)  
\* Except bank holidays in Hesse

**Malaysia**  
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**France**  
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Tel: (+62) 021 6386 1936  
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**Australia / New Zealand**  
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E-mail: support.au@tp-link.com (Australia) support.nz@tp-link.com (New Zealand)  
Service time: 24hrs, 7 days a week

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**Switzerland**  
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