

Quick Installation Guide

Wireless VoIP GPON Router

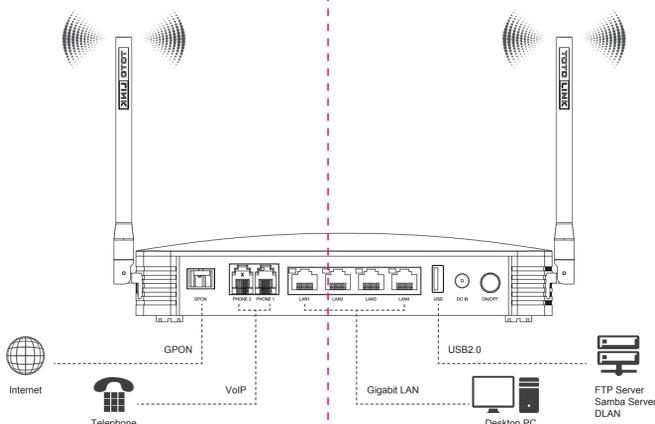
Suitable for: GH4202, GH4212

V1:1704

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Note: For simplicity, we will take GH4212 for example throughout this Guide.

1 Hardware Installation



LED Indicators

TURBO	Light on when TURBO is on
Wi-Fi	Light on when Wi-Fi is enabled
GPON	Light on when fiber access successful
INTERNET	Light on when Internet access successful
LOS	Blink red when the receiving optical power less than -30dB
USB	Light on when a USB device is connected
PHONE1	Light on when connecting a telephone line
PHONE2	Light on when connecting a telephone line
LAN1-LAN4	Light on when PC is connected successfully

Ports and Buttons Description

GPON	Used to connect the fiber server
PHONE1	Used to connect phone
PHONE2	Used to connect phone
LAN1-LAN4	Used to connect local PC
USB	Used to connect USB devices
DC IN	Used to connect power adapter
TURBO	Turn on/off the Turbo function
Wi-Fi	Turn on/off the wireless network
WPS	Press the button for 2 seconds, the WPS function enabled
RST	Press the button for about 5 seconds, the device restored to factory default settings

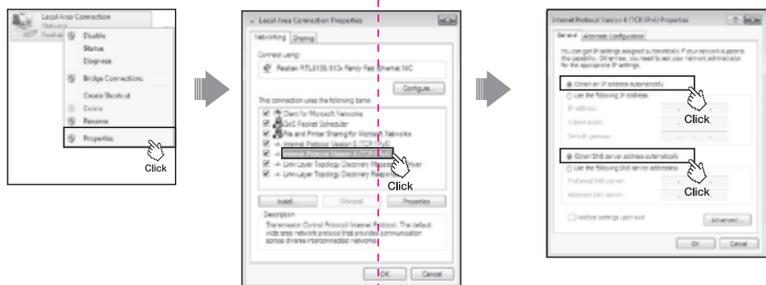
NOTE:

1. Please disconnect the power adapter and all cables during thunderstorm weather.
2. Keep away from heat source and keep well ventilated.
3. Please pay attention to the waterproofing and moisture-proof when storing, transporting and running.
4. The power adapter must be original or approved by TOTOLINK.
5. Put the router in flat places.

2 Set Up PC

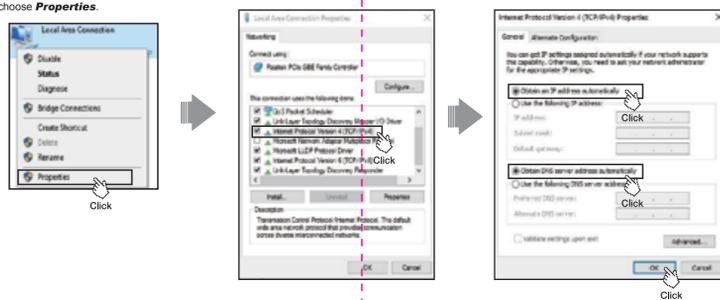
Windows Vista/7 For Windows Vista or Windows 7 Operating System, please comply with following steps to set up.

1. Click **Start—Control Panel—Network and Internet—Network Connection**, right-click **Local Area Connection**, and choose **Properties**.
2. Double-click **Internet Protocol Version 4 (TCP/IPv4)**.
3. Choose **Obtain an IP address automatically** and **Obtain DNS server address automatically**, click **OK**. And then click **OK**.



Windows 10 For Windows 10 Operating System, please comply with following steps to set up.

1. Click **Start** (Windows logo) — **All apps—Windows System—Control Panel—Network and Sharing Center—Change adapter setting**, right-click **Local Area Connection**, and choose **Properties**.
2. Double-click **Internet Protocol Version 4 (TCP/IPv4)**.
3. Choose **Obtain an IP address automatically** and **Obtain DNS server address automatically**, click **OK**. And then click **OK**.



3 Set Up Router

Please set up the router following below steps.

1. Run any Web browser.



2. Type **192.168.1.1** in the web browser, then press **Enter** key.

3. Enter User Name and Password (the default User Name and Password are **admin**), then click **LOGIN** or press Enter key.



B Static IP
New link: nas0_0
Channel Mode: IPoE
Connection Type: INTERNET
Enable or disable VLAN function as you want WAN IP Settings
Type: Fixed IP
Port Mapping
Select any LAN port.
Click **Apply**.



4. The Web setting page shows up. Click **Management—GPON Settings**, enter the **LOID** and **LOID Password** provided by your ISP. And change PLOAM Password and SN to register OLT. Click **Apply**.



C PPPoE
New link: nas0_0
Channel Mode: PPPoE
Connection Type: INTERNET
Enable or disable VLAN function as you want PPP Settings
Port Mapping
Select any LAN port.
Click **Apply**.



5. Click **Network—PON WAN**, please do the settings according to your access method: **A DHCP IP**

New link: nas0_0
Channel Mode: IPoE
Connection Type: INTERNET
Enable or disable VLAN function as you want WAN IP Settings
Type: DHCP
Port Mapping
Select any LAN port.
Click **Apply**.

6. WLAN0 (2.4GHz) Settings. Go to **WLAN0 (2.4GHz)—Basic Settings**, simply modify SSID and setup Pre-Shared Key. Click **Apply**.



7. WLAN1 (5GHz) Settings. Go to **WLAN1 (5GHz)—Basic Settings**, simply modify SSID and setup Pre-Shared Key. Click **Apply**.



8. VoIP Settings. Please go to **VoIP—PHONE 1** to enter information provided by your ISP.



9. By default, IPTV is disable. If **enable** this function, please enter the VLAN ID and choose correct IPTV port. Then click **Apply** to save the settings.



10. Wait for a while, Internet connected successfully! Please click **finish**.



4 FAQ

1. How to reset the router to default settings?

1. Please make sure your router's power is on regularly, then use a pin to press the RST button for about 5-8s.
2. Loosen the button until your router's LED lights all flashing, then you have reset your router to default settings.

2. Forget the password?

Please reset your router to default settings firstly, and set a new password.
The default IP: **192.168.1.1**
The default User name: **admin**
The default Password: **admin**

11. Now the router's Status interface turns up, it shows connected type and IP address & DNS you get.



12. Try any website to test the Internet. Here we type in www.totolink.net.



NOTE:

After you set the Pre-Shared Key, please remember your SSID and the Pre-Shared Key to connect with your wireless LAN.
WPS: Press the WPS button for about 2 seconds, the system LED indicator keeps solid light, it means WPS working.
RST: Use a pin to press and hold the RST button for 5-8 seconds, all LEDs blinks quickly, the device will restore to factory default settings.