# TP-LINK®
The Reliable Choice

## Quick Installation Guide
1-Port Gigabit GPON Terminal

MODEL NO. **TX-6610**

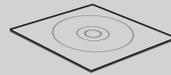7106504281 REV1.0.0

## Package Contents
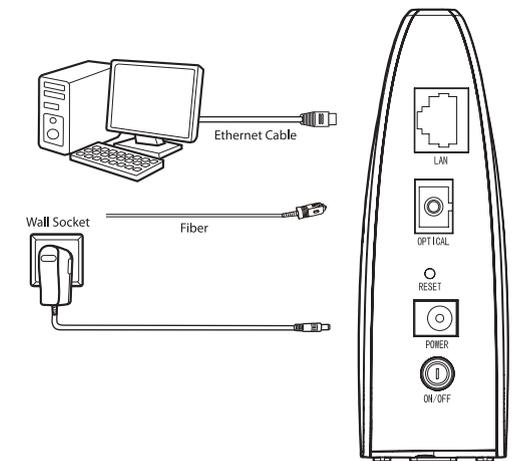
TX-6610

QIG

Ethernet Cable

Power Adapter

Resource CD

## 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.

GPON SN: _____     GPON Password: _____

# 1 Hardware Connection



Ethernet Cable

Wall Socket     Fiber

LAN

OPTICAL

RESET

POWER

ON/OFF

| LED | Colour | Status | Indication |
|-----|--------|--------|------------|
| Power | Green | On | The ONT is powerd on. |
| | | Off | The ONT is off. |
| GPON | Green | Solid | The ONT has connected to the OLT. |
| | | Flashing | The ONT is trying to set up a connection to the OLT. |
| | | Off | The ONT fails to connect to the OLT. |
| LOS | Red | Flashing | The Rx optical power of the ONT is lower than the optical receiver sensitivity. |
| | | Off | The Rx optical power is normal. |
| LAN | Green | Solid | There is a device connected to this LAN port. |
| | | Flashing | The device is sending or receiving data over this LAN port. |
| | | Off | There is no device connected to this LAN port. |

# 2 Configuring the ONT

**1** Assign an IP address to your computer referring to **T3** in Troubleshooting.

**2** Open your browser and type **http://192.168.1.1** in the address field. Enter the default user name and password **admin/admin** and then click **OK**.
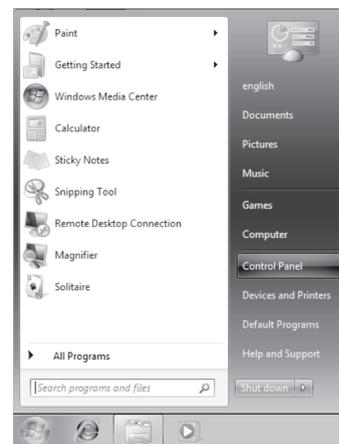


**3** Choose **Network** -> **PON** to complete the PON settings. You are required to enter **GPON SN** or **GPON Password** or **both** given by your ISP to pass the OLT authentication. Then click **Save** to make the settings take effect.
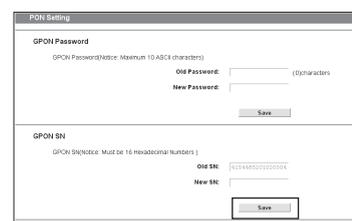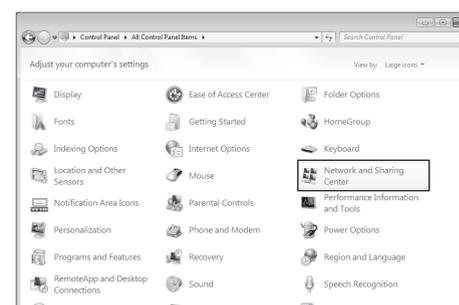


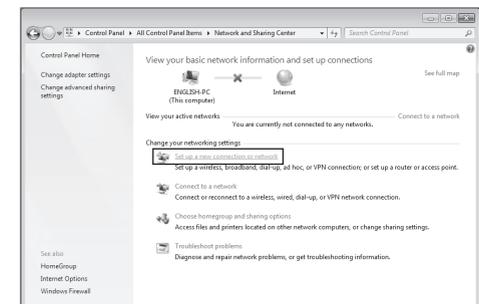# 3 Connect to the Internet ( Here we use the procedures in Windows 7 as an example. )

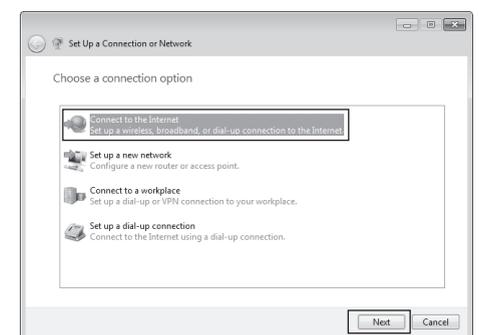**1** Click **Start** -> **Control Panel**.



**2** Click **Network and Sharing Center**.



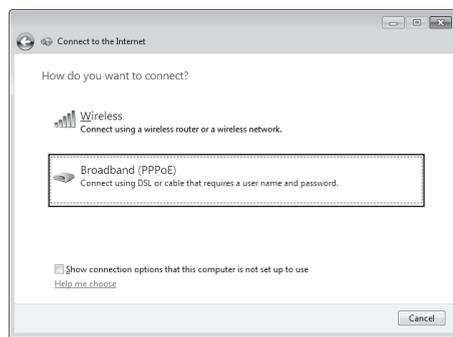**3** Click **Set up a new connection or network**.



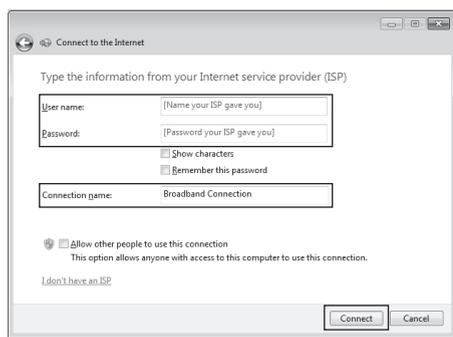**4** Click **Connect to the Internet**, and then click **Next**.

# 3 Connect to the Internet ( Here we use the procedures in Windows 7 as an example. )
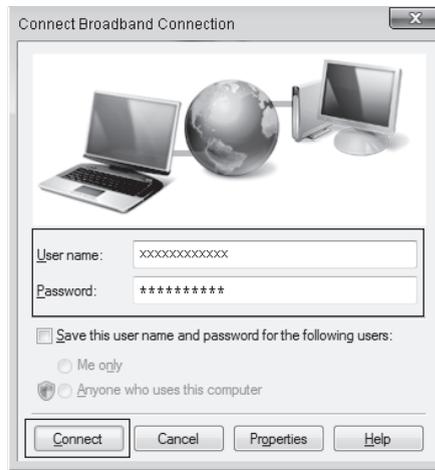
**5**    Click **Broadband (PPPoE)**.



**6**    Enter the **User name** and **Password** given by your ISP, and type a **Connection name** to identify your connection, and then click **Connect**.



**7**    Click **Connect**.



Record this information here:
User name: _____
Password: _____

⚠️ *Note*   The **User name** and **Password** displayed here are given by your ISP, which you have entered in previous step.

**8**    Click **Close** to finish the setup.



⚠️ *Note*   To connect to the Internet next time, click the icon 🖥️ or 🖥️ at the bottom of your screen in your system tray, and then click the connection you just created.

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

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# Troubleshooting

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

Once the ONT is reset, the current settings will be lost and you will need to reconfigure it. We strongly suggest you back up the current settings before resetting the ONT.

With the ONT powered on, use a pin to press and hold the **RESET** button on the rear panel for 5 seconds before releasing it.

## T2. What can I do if I forget my ONT's password?

Reset the ONT first and then use the default user name and password: **admin/admin.**

## T3. How can I assign an IP address to my computer?

### 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 **Manually** and then enter 192.168.1.x into the IP Address field, 255.255.255.0 into the Subnet mask filed. 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 **Use the following IP address** and then enter 192.168.1.x into the IP address field, 255.255.255.0 into the Subnet mask filed. 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 **Use the following IP address** and then enter 192.168.1.x into the IP address field, 255.255.255.0 into the Subnet mask filed. Then click **OK**.

### For Windows 8

- Move your mouse to the lower right corner and you will see the **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**, select **Properties**. Then double-click **Internet Protocol Version 4 (TCP/IPv4)**.
- Select **Use the following IP address** and then enter 192.168.1.x into the IP address field, 255.255.255.0 into the Subnet mask filed. Then click **OK**.

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

1) Check to see if all the connectors are connected well, including the Fiber line, Ethernet cables and power adapter, based on the LEDs described previously.

2) Check to see if the ONT is registered correctly based on the GPON LED described previously and if the **Authentication** status is **Registered** in **System Status** page. If not, please enter the **GPON SN** or **GPON Password** described in **step 2** again and wait for approximately 2 minutes or try to unplug the fiber and then connect it again. If the problem still exists, please consult your ISP to make sure if you have entered the correct GPON SN or GPON Password.

3) Check to see if the dialing software used in **step 3** installed correctly and make sure the account username and password are correct.

4) If you still cannot access the Internet, please restore your ONT to its factory default settings and reconfigure it by following the instructions in this QIG.

5) Please feel free to contact our Technical Support if the problem still exists.

⚠️ *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

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# Technical Support