

Quick Installation Guide

1-Port Gigabit GPON Terminal

MODEL NO. TX-6610



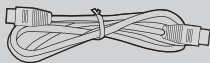
Package Contents



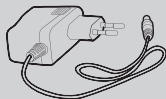
TX-6610



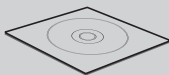
QIG



Ethernet Cable



Power Adapter



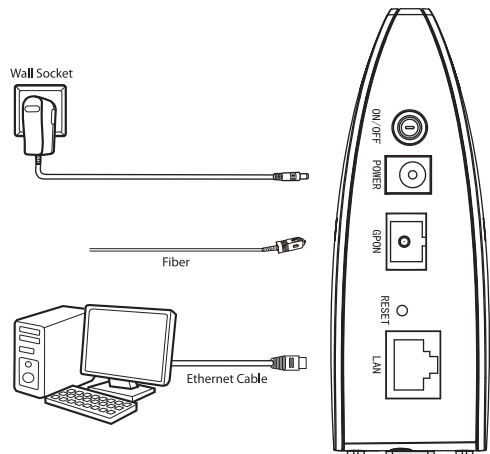
Resource CD

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: _____

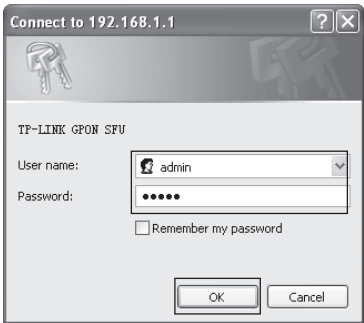
1 Hardware Connection



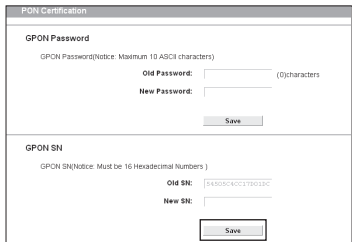
LED	Colour	Status	Indication
Power	Green	On	The ONT is powered on.
		Off	The ONT is off.
GPON	Green	On	The ONT has connected to the OLT.
		Flash	The ONT is trying to set up a connection to the OLT.
		Off	The ONT has not connected to the OLT.
LOS	Red	On	The Rx optical power is abnormal.
		Flash	The Rx optical power of the ONT is lower than the optical receiver sensitivity.
		Off	The Rx optical power is normal.
LAN	Green	On	There is a device connected to this LAN port.
		Flash	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

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

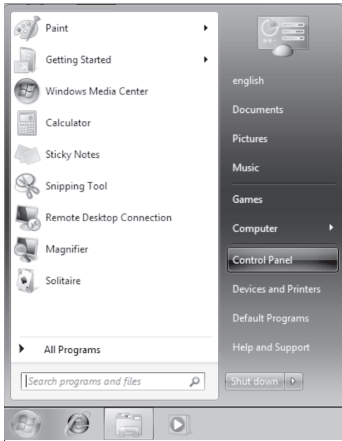


- Choose **Network Settings-> PON Certification** to complete the PON settings. You are required to enter **GPON Password** or **GPON SN** or **both** given by your ISP to pass the OLT authentication. Then click **Save** to make the settings take effect.

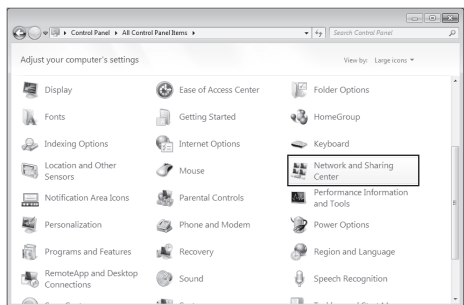


3 Connect to the Internet (Here we use the procedures in Windows 7 as an example.)

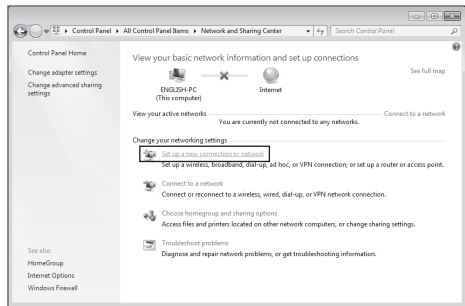
- Click **Start -> Control Panel**.



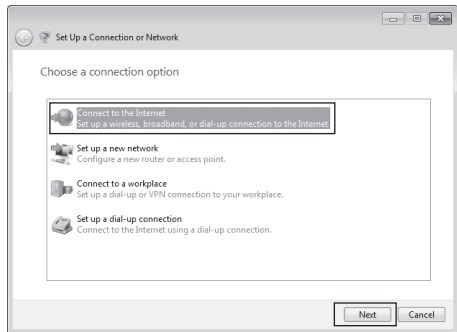
- Click **Network and Sharing Center**.



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



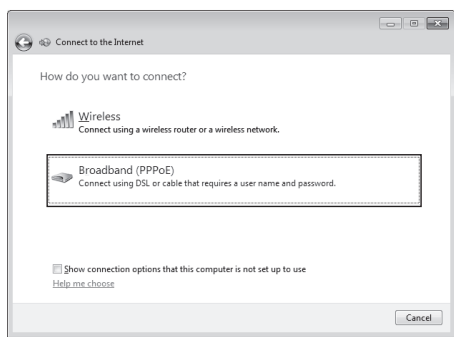
- Click **Connect to the Internet**, and then click **Next**.



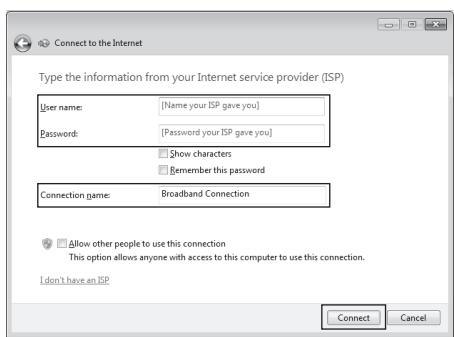
3 Connect to the Internet

(Here we use the procedures in Windows 7 as an example.)

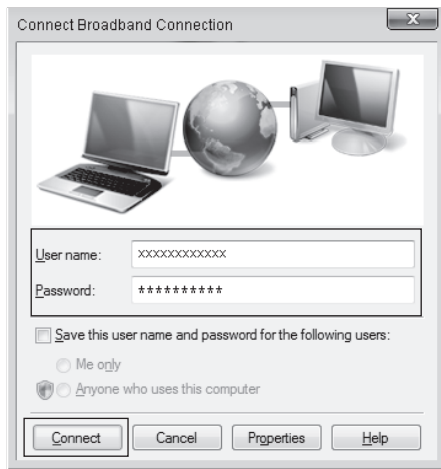
5 Click **Broadband (PPPoE)**.



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



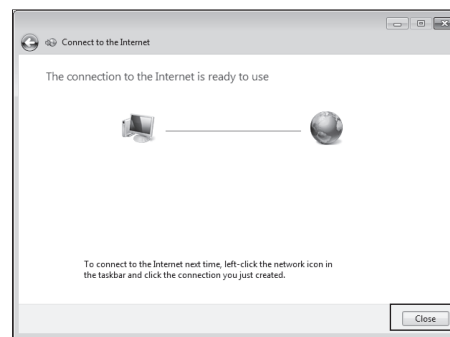
7 Click **Connect**.




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

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.



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

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.

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

- 1) Click the **Apple** icon on the upper left corner of the screen.
- 2) Go to “**System Preferences -> Network**”.
- 3) Select **Airport** on the left menu bar, and then click **Advanced** for wireless configuration; or select **Ethernet** for wired configuration.
- 4) 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 field.
- 5) Click **Apply** to save the settings.

For Windows 7

- 1) Click “**Start -> Control Panel -> Network and Internet -> View network status -> Change adapter settings**”.
- 2) Right-click **Local Area Connection**, and then click **Properties**.
- 3) Select **Internet Protocol Version 4 (TCP/IPv4)**, and then click **Properties**.
- 4) 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 field. Then click **OK**.

For Windows XP

- 1) Click “**Start -> Control Panel -> Network and Internet Connections -> Network Connections**”.
- 2) Right-click **Local Area Connection**, and then click **Properties**.

- 3) Select **Internet Protocol (TCP/IPv4)**, and then click **Properties**.
 - 4) 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 field. Then click **OK**.
- For Windows 8**
- 1) Move your mouse to the lower right corner and you will see the Search icon in the Popups.
 - 2) Go to **Apps**, type **Control Panel** in the search box and press **Enter**.
 - 3) Go to “**Control Panel -> View network status and tasks -> Change adapter settings**”.
 - 4) Right- click **Ethernet**, select **Properties**. Then double-click **Internet Protocol Version 4 (TCP/IPv4)**.
 - 5) 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 field. 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.



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>



Technical Support

- For more troubleshooting help, go to <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
 - USA / Canada**
Toll Free: +1 866 225 8139
E-mail: support.usa@tp-link.com (USA)
support.ca@tp-link.com (Canada)
Service time: 24hrs, 7days 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, 7days a week
 - Turkey**
Tel: 0850 7244 488 (Turkish Service)
Fee: Depending on rate of different carriers.
E-mail: support.tr@tp-link.com
Service time: 09:00 to 21:00, 7days a week
 - Brazil**
Toll Free: 0800 608 9799(Portuguese Service)
E-mail: suporte.br@tp-link.com
Service time: Monday to Friday, 09:00 to 20:00; Saturday, 09:00 to 15:00
 - Italy**
Tel: +39 023 051 9020
Fee: Depending on rate of different carriers.
E-mail: support.it@tp-link.com
Service time: Monday to Friday, 09:00 to 13:00; 14:00 to 18:00
 - Indonesia**
Tel: (+62) 021 6386 1936
Fee: Depending on rate of different carriers.
E-mail: support.id@tp-link.com
Service time: Sunday to Friday, 09:00 to 12:00, 13:00 to 18:00 *Except public holidays
 - 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
 - Australia / New Zealand**
Tel: NZ 0800 87 5465 (Toll Free)
AU 1300 87 5465 (Depending on 1300 policy.)
E-mail: support.au@tp-link.com (Australia)
support.nz@tp-link.com (New Zealand)
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
 - Ukraine**
Tel: 0800 505 508
Fee: Free for Landline; Mobile: Depending on rate of different carriers.
E-mail: support.ua@tp-link.com
Service time: Monday to Friday, 10:00 to 22:00
 - Malaysia**
Toll Free: 1300 88 875 465
E-mail: support.my@tp-link.com
Service time: 24hrs, 7days a week
 - Poland**
Tel: +48 (0) 801 080 618
+48 223 606 363 (if calls from mobile phone)
Fee: Depending on rate of different carriers.
E-mail: support.pl@tp-link.com
Service time: Monday to Friday, 09:00 to 17:00. GMT+1 or GMT+2 (DST)
 - Switzerland**
Tel: +41 (0)848 800 998 (German Service)
Fee: 4-8 Rp/min, depending on rate of different time.
E-mail: support.ch@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)
 - France**
Tel: 0820 800 860 (French service)
Fee: 0.118 EUR/min from France
Email: support.fr@tp-link.com
Service time: Monday to Friday, 09:00 to 18:00
*Except French Bank holidays
 - Russian Federation**
Tel: 8 (499) 754 5560(Moscow NO.)
8 (800) 250 5560 (Toll-free within RF)
E-mail: support.ru@tp-link.com
Service time: From 09:00 to 21:00 (Moscow time)
*Except weekends and holidays in RF