Connecting the Device for Configuration

1. Connect to the Access Point with the Ethernet cable or via wireless. The default SSID of the Access Point is TP-LINK_ XXXXXX. The XXXXXX is the last 6 characters of the Access Point’s MAC address.

2. Plug the provided power adapter into the power jack on the back of the Access Point, and the other end to a standard electrical wall socket. Then press the ON/OFF button to power on the device.

Note: If the distance between the outlet and the Access Point is too long to supply the power, you can refer to the Power over Ethernet (PoE) solution in Appendix A: With PoE Setup on page 13.

3. Turn on all of your network devices and then check to see if the LEDs on the Access Point display normally as the diagram below describes.

<table>
<thead>
<tr>
<th>Solid light</th>
<th>Flashing</th>
<th>Solid light or flashing</th>
<th>Flashing if the Wireless Radio function is enabled</th>
</tr>
</thead>
</table>

Note: If the LEDs display abnormally, please check to see if all the cable connectors (power adapter and Ethernet cable) are well connected to your device.
Configuring the device

1 Login

Open your web browser, type in **192.168.0.254** in the address bar and press **Enter**.

A dialog box will prompt you for the **User name** and **Password**. Enter the default values and click **OK**.

**User name**: admin  
**Password**: admin

Click **OK**

**Note** If the dialog box does not pop up, please refer to **T3** in **Troubleshooting** on page 10 to assign a static IP address 192.168.0.100 for your computer. **T2** will give you some help if you forget the password.

2 Wireless Settings

After successfully logging in, the Quick Setup page will display.

Click **Next**

**Note** If you click **Exit** and choose to manually configure the AP on your own need, please note that the DHCP is enabled during the configuration, it is essential to disable DHCP when all the settings are finished.
The Operation Mode page will appear then. The TL-WA801ND supports up to five operation modes. You can refer to the HELP page to know more about the five modes.

Select the operation mode based on your need.

Click Next

For Access Point mode, please refer to part A on page 3.
For Repeater(Range Extender) mode, please refer to part B on page 4.
For Bridge with AP mode, please refer to part C on page 5.
For Client mode, please refer to part D on page 6.
For Multi-SSID mode, please refer to part E on page 7.

A. Access Point Mode

Introduction
In this mode, the product will act as a wireless central hub for your wireless LAN clients, giving a wireless extension for your current wired network.

Settings

Click Next
1. Create an easy-to-remember name for your wireless network here.
2. Select Region and Channel for your device.
3. Select Most Secure (WPA/WPA2-PSK) mode and enter a wireless password below to prevent unauthorized access to your AP.

After the settings above, please go to Network Settings on page 8 to continue the configuration.

**B. Repeater (Range Extender) Mode**

**Introduction**

In this mode, the product can extend the coverage of another wireless Access Point or Router. The universal repeater mode is for the wireless Access Point or Router which does not support WDS function.

**Settings**

Choose the repeater mode, for example Universal Repeater. Click Survey.

The window displaying a list of available SSIDs will appear.

Find the SSID of the root Access Point / Router that you want to repeat, and then click Connect in the corresponding row.
The security mode will be selected automatically, please confirm it and enter the password that is the same as on your router or access point.

Click Next

**Note** The setup for **WDS Repeater** mode is similar to that of **Universal Repeater** mode.

After the settings above, please go to **Network Settings** on page 8 to continue the configuration.

**C. Bridge with AP mode**

**Introduction**
In this mode, the product can wirelessly connect two or more remote LANs together.

**Settings**

Click **Survey**
The window displaying a list of available SSIDs will appear.

Find the SSID of the root Access Point / Router that you want to bridge, and then click Connect in the corresponding row.

You will then return to the previous page.

The security mode will be selected automatically, please confirm it and enter the password that is the same as on the remote AP.

Create a name for the Local Wireless Network.

Click Next

After the settings above, please go to Network Settings on page 8 to continue the configuration.

D. Client Mode

Introduction
In this mode, the product will act as a wireless adapter to connect your wired devices (e.g. PC, Xbox, PS3, etc.) to a wireless network.
### Settings

The window displaying a list of available SSIDs will appear.

Find the SSID of the Access Point / Router or WISP, and click **Connect** in the corresponding row.

You will then return to the previous page.

Select the security mode and enter the password that is the same as on the root AP.

After the settings above, please go to **Network Settings** on page 8 to continue the configuration.

**E. Multi-SSID Mode**

**Introduction**

In this mode, the product can be assigned up to four SSIDs to work with your VLAN.
Settings

You can create up to 4 SSIDs and rename them here.

Select Region and Channel.

Configure the wireless security for each SSID here.

Click Save to apply the current security settings for the selected SSID.

Click Next

Note For the configuration of VLAN, please refer to the User Guide on the Resource CD.

After the settings above, please go to Network Settings on page 8 to continue the configuration.

Network Settings

The Network Setting page will appear then. It is recommended that you keep the default settings on this page.

Click Next

Note For advanced configurations on this page, please refer to the User Guide on the Resource CD.
4 **Finish**

After Network Settings, the Finish page will appear. Here takes the settings for Access Point mode for example.

Check your settings and click **Save** to save your settings for future reference.

**Click Finish**

**Click OK**

Wait until the device restarts successfully.

Congratulations! You have completed the setup.
T1. How do I restore my Access Point’s configuration to its factory default settings?

With the Access Point powered on, use a pin to press and hold the RESET button on the rear panel for 5 to 8 seconds before releasing it.

Note: Once the Access Point is reset, the current configuration settings will be lost and you will need to reconfigure the Access Point.

T2. What can I do if I forget my password?

1) Try to use the default user name and password: admin, admin;

2) Referring to the file that you have saved in last time you configured the device, the file will show you the user name and password that you have configured.

3) If the password is still not the correct one, then you can try to restore the Access Point’s configuration to its factory default settings referring to previous section T1 and try to reconfigure your AP by following the instructions of this QIG.

T3. What can I do if I cannot access the web-based configuration page?

Assign a static IP address 192.168.0.100 for your computer first before logging in the management page. Here takes the procedures in Windows 7 for example.

Go to Start > Settings > Control Panel, and then you will see the following page.

Click View network status and tasks
Click Change adapter settings

Right-click Local Area Connection

Click Properties

Double-click Internet Protocol Version 4 (TCP/IPv4)
Now, try to log on to the Web-based configuration page again after the above settings have been configured. If you still cannot access the configuration page, please restore your Access Point's factory default settings and reconfigure your Access Point following the instructions of this QIG. Please feel free to contact our Technical Support if the problem persists.

**Note** While the reconfiguration is done, you need to change the IP address settings as below. Then, with the correct hardware connection, you can surf the Internet successfully.
Appendix A: With PoE Setup

1. Turn off all your network devices, including your computer(s), power injector and the AP.

2. Connect your computer to the LAN port on the power injector with an Ethernet Cable.

3. Connect your AP to the PoE port on the power injector with an Ethernet Cable.

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

Note
1. Passive PoE Injector supports a maximum cable length up to 30 meters due to the environment.
2. For longer powered cable up to 100 meters, please choose TP-LINK’s 48V PoE adapters: TL-POE200 or TL-POE150S & TL-POE10R.

Product information can be found on our official website http://www.tp-link.com.
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 26504400
  E-mail: support@tp-link.com
  Service time: 24hrs, 7 days a week

  **Singapore**
  Tel: +65 62840493
  E-mail: support.sg@tp-link.com
  Service time: 24hrs, 7 days a week

  **UK**
  Tel: +44 (0) 845 147 0017
  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
  Service time: 24hrs, 7 days a week

  **Malaysia**
  Tel: 1300 88 875465 (1300 88TPLINK)
  Email: support.my@tp-link.com
  Service time: 24hrs, 7 days a week

  **Turkey**
  Tel: 444 19 25 (Turkish Service )
  E-mail: support.tr@tp-link.com
  Service time: 9:00 AM to 6:00 PM
  7 days a week

  **Poland**
  Tel: +48 (0) 801 080 618 / +48 22 7217563 (if calls from mobile phone)
  E-mail: support.pl@tp-link.com
  Service time: Monday to Friday 9:00 AM to 5:00 PM. GMT+1 or GMT+2
  (Daylight Saving Time)

  **Germany / Austria**
  Tel: +49 1805 875465 (German Service) +49 1805 TPLINK
  E-mail: support.de@tp-link.com
  Fee: 0.14 EUR/min from the German fixed phone network and up to 0.42 EUR/min from mobile phone
  Service time: Monday to Friday 9:00 AM to 6:00 PM. GMT+1 or GMT+2
  (Daylight Saving Time in Germany)
  *Except bank holidays in Hesse

  **Australia & New Zealand**
  Tel: AU 1300 87 5465
  NZ 0800 87 5465
  E-mail: support@tp-link.com.au
  Service time: 24hrs, 7 days a week

  **Italy**
  Tel: +39 02 66987799
  E-mail: support.it@tp-link.com
  Service time: Monday to Friday
  9:00 AM to 6:00 PM

  **Ukrainian**
  Tel: +380 (44) 590-51-14
  E-mail: support.ua@tp-link.com
  Service time: Monday to Friday
  14:00 PM to 22:00 PM

  **Brazilian**
  Toll Free: 0800-770-4337 (Portuguese Service)
  E-mail: suporte.br@tp-link.com
  Service time: Monday to Saturday
  08:00 AM to 08:00 PM

  **Indonesia**
  Tel: (+62) 021 6259 135
  E-mail : support.id@tp-link.com
  Service time : Monday to Saturday
  9:00 -12:00; 13:00 -18:00
  *Except public holidays

  **Switzerland**
  Tel: +41 (0) 848 800998 (German Service)
  E-mail: support.ch@tp-link.com
  Fee: 4-8 Rp/min, depending on rate of different time
  Service time: Monday to Friday 9:00 AM to 6:00 PM. GMT+1 or GMT+2
  (Daylight Saving Time)

  **Russian Federation**
  Tel: 8 (499) 754-55-60
  8 (800) 250-55-60 (toll-free call from any RF region)
  E-mail: support.ru@tp-link.com
  Service time: From 10:00 to 18:00
  (Moscow time)
  *Except weekends and holidays in Russian Federation