Quick Installation Guide

Applicable Model: TL-WA855RE

Option ONE Quick Setup using the WPS Button
If your router doesn’t have a WPS button, or you are not sure, please use Option TWO.

1. **Power on**
   Plug in next to your router.
   - Wait until the LED changes to solid red.

2. **Connect**
   1. Press the WPS button on your router.
   2. Press the button, and the LED starts blinking.
   - The LED should turn solid green, indicating successful connection. If not, please use Option TWO.

3. **Relocate**
   1. Plug in the extender halfway between your router and the Wi-Fi dead zone.
   2. Wait about 1 minute until the LED is lit with a solid green. If not, relocate it closer to the router to achieve a good (or better) signal quality.

   **LED Explanations**
<table>
<thead>
<tr>
<th>Status</th>
<th>Color</th>
<th>Indication</th>
</tr>
</thead>
<tbody>
<tr>
<td>(On)</td>
<td>Green</td>
<td>The extender is connected to the router, and is in a good location.</td>
</tr>
<tr>
<td></td>
<td>Orange</td>
<td>The extender is connected to the router, but is too far away from the router.</td>
</tr>
<tr>
<td></td>
<td>Red</td>
<td>No active connection.</td>
</tr>
<tr>
<td>(Flash)</td>
<td>Green</td>
<td>WPS connection is in progress, or the extender is initializing.</td>
</tr>
<tr>
<td></td>
<td>OR</td>
<td>The extender is off.</td>
</tr>
</tbody>
</table>

   Enjoy!
   The extender adds _EXT to the end of the host network’s SSID and uses the same Wi-Fi password.

Entertainment Adapter
The extender can be used as a wireless adapter to connect any Ethernet-only device such as a Blu-ray player, game console, DVR, or smart TV to your Wi-Fi network.
First, connect the extender to your router using Option ONE or Option TWO, then connect the extender to your Ethernet-only device via an Ethernet cable.

TP-LINK Tether App
Tether app provides a simple, intuitive way to access, manage your extender using your iOS or Android devices.
Note: AP mode of the extender is not supported by the Tether.

1. Download the Tether app from the App Store or Google Play.
2. Ensure your device is wirelessly connected to the extender or to the host router.
3. Launch the app and start managing your extended network.

Status Indication
- **Green**: Ideal location
- **Orange**: Too far away
- **Red**: No active connection
- **Flash (Green)**: WPS connection is in progress, or the extender is initializing.
Option TWO  Quick Setup using Web Browser

1. Power on
   Plug in next to your router.
   Wait until the LED changes to solid red.

2. Connect to the extender
   For Windows Users
   - Not connected
   - Connection are available
   - TP-LINK_WA855RE

   For Mac OS X Users
   - Wi-Fi: On
   - TP-LINK_WA855RE
   - Join Other Network...

   Disconnect your Ethernet (wired) connection from your computer. Click the Wi-Fi icon on the taskbar and connect to the extender’s network (e.g. TP-LINK_WA855RE).

3. Configure
   1. Launch a web browser and type http://tplinkrepeater.net in the address field. Enter admin (all lowercase) for both Username and Password, then click Login.

   2. Create an account for secure management purpose, then click Confirm.

   3. Select your router's 2.4GHz Network and enter its wireless password (NOT the account password you just created for management), then click Next.

   4. Either keep the default SSID or customize it for extended 2.4GHz network, then click Next.

   5. Verify your wireless settings and click Save. Then check the LED.

4. Relocate
   Flip this piece of paper, and refer to Step 3 of Option ONE.

5. Enjoy!
   Unless you customized the extended network name during the configuration, the extender adds _EXT to the end of the host network’s SSID and uses the same Wi-Fi password.

FAQ (Frequently Asked Questions)

Q1. What should I do if I cannot access the extender’s web management page?
   A1: Make sure your computer is connected to the extended network.
   A2: Make sure your computer is set to obtain an IP address automatically.
   A3: Use the IP address to access the extender. The default IP is 192.168.0.254. Use the IP address to access the extender.
   A4: If the problem still exists, please refer to the FAQs (NO. 931 & NO. 504) at www.tp-link.com for detailed instructions.

Q2. How do I reset the extender?
   A: While the extender is powered on, use a pin to press the RESET button, the LED should turn off momentarily, then release the button.

Q3. Why does the LED not turn solid green or orange after I completed Option TWO?
   A1: You may have entered the incorrect Wi-Fi password of your host network during the configuration. Log into the extender’s web management page to check the password and try again.
   A2: Reset the extender and go through the configuration again.

Q4. I enabled a wireless MAC filter, wireless access control, or access control list (ACL) on my router, what should I do before configuring and using the extender?
   A: If your host router’s wireless MAC filter, wireless access control, or access control list (ACL) is enabled, you may need further settings on the router so that devices connected to the extended Wi-Fi have no problem to access the Internet.

   For details, please visit www.tp-link.com and refer to the FAQ section in the extender’s User Guide.