

## 300Mbps Universal Wireless N Range Extender

### TL-WA850RE

#### ⦿ Features:

- Greatly extend existing wireless coverage to eliminate "dead zones"
- Work as a wireless network adapter, providing wireless connectivity for your Ethernet-enabled devices
- Wireless N speed up to 300Mbps
- Wall mount design, just plug in and play, very convenient
- Easily extend your wireless network at a push of the Range Extender button
- Profile function remembers previously connected wireless networks
- Supports domain name-based login (<http://tplinkextender.net>) for advanced management



#### ⦿ Description

TP-LINK's wall-mounted TL-WA850RE is designed to conveniently extend the coverage and improve the signal strength of an existing wireless network to eliminate "dead zones". Being incredibly user friendly, it is ideal for large homes or offices for experienced or novice users. Besides, TL-WA850RE can also be used as a wireless network adapter to help a wired device such as a smart TV or game console to receive Wi-Fi signals.

## ◎ Specifications:

| Hardware Features        |                                                                                                                                                              |
|--------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Wireless Standards       | IEEE 802.11b, IEEE 802.11g, IEEE 802.11n                                                                                                                     |
| Interface                | One 10/100Mbps Ethernet Port (RJ45)                                                                                                                          |
| Button                   | Range Extender Button, Reset Button                                                                                                                          |
| Antenna                  | 2*internal                                                                                                                                                   |
| Power Consumption        | About 3W                                                                                                                                                     |
| Wireless Features        |                                                                                                                                                              |
| Frequency                | 2.4~2.4835GHz                                                                                                                                                |
| Signal Rate              | 11n: Up to 300Mbps(dynamic)<br>11g: Up to 54Mbps(dynamic)<br>11b: Up to 11Mbps(dynamic)                                                                      |
| EIRP                     | < 20 dBm                                                                                                                                                     |
| Receive Sensitivity      | 270M: -68dBm@10% PER<br>130M: -68dBm@10% PER<br>108M: -68dBm@10% PER<br>54M: -68dBm@10% PER<br>11M: -85dBm@8% PER<br>6M: -88dBm@10% PER<br>1M: -90dBm@8% PER |
| Wireless Mode            | Range Extender                                                                                                                                               |
| Wireless Functions       | WMM(Wi-Fi Multimedia); Wireless MAC Address Filtering;<br>Wireless Statistic; Domain Login Function                                                          |
| Wireless Security        | 64/128/152-bit WEP WPA-PSK / WPA2-PSK                                                                                                                        |
| Others                   |                                                                                                                                                              |
| Certification            | CE, RoHS                                                                                                                                                     |
| System Requirements      | Microsoft® Windows® 8/7/Vista™/XP/2000/ NT/98SE,<br>Mac® OS, NetWare®, UNIX® or Linux.                                                                       |
| Operating Temperature    | 0°C~40°C (32°F~104°F)                                                                                                                                        |
| Storage Temperature      | -40°C~70°C (-40°F~158°F)                                                                                                                                     |
| Operating Humidity       | 10%~90% non-condensing                                                                                                                                       |
| Storage Humidity         | 5%~90% non-condensing.                                                                                                                                       |
| Dimensions ( W x D x H ) | 4.3 x 2.6 x 3.0in. (110.0 x 65.8 x 75.2mm)                                                                                                                   |
| Plug Type                | EU                                                                                                                                                           |

## Diagram:

### Working as a Range Extender



### Working as a Wireless Adapter



### Package:

- 300Mbps Universal Wireless N Range Extender TL-WA850RE
- RJ-45 Ethernet Cable
- Resource CD
- Quick Installation Guide

### Related Product:

- 300Mbps Wireless N USB ADSL2+ Modem Router TD-W8968
- 300Mbps Wireless N PCI Adapter TL-WN851ND
- 300Mbps High Gain Wireless USB Adapter TL-WN822N