TRENDnet®

Quick Installation Guide

TEW-822DRE(V2)

Table of Content

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1. Before You Start

Package Contents
- TEW-822DRE
- Quick Installation Guide
- CD-ROM (User's Guide)

Minimum Requirements
- Wireless router
- Broadband internet
- Network cable, and computer with network port and web browser (when choosing manual setup)

Note: It is recommended that you setup the Range Extender near your wireless router before installing it in its final location.

2. WiFi Protected Setup (WPS)

Note: This setup process requires a WPS button on your router. If you can't locate a WPS button on your router, proceed to Section 3 Manual Setup.

1. Plug the TEW-822DRE into an electric outlet near your WiFi router, and turn the power switch to the **Extender** position.

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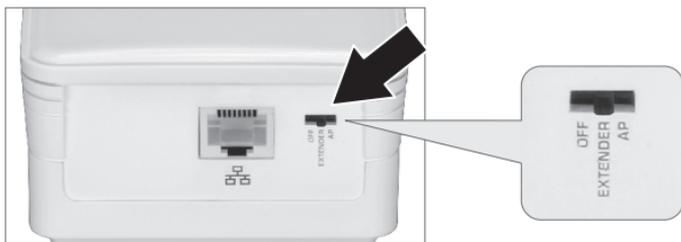
2. Allow two minutes for the TEW-822DRE to boot up. While booting and during normal operation the Power LED will blink.
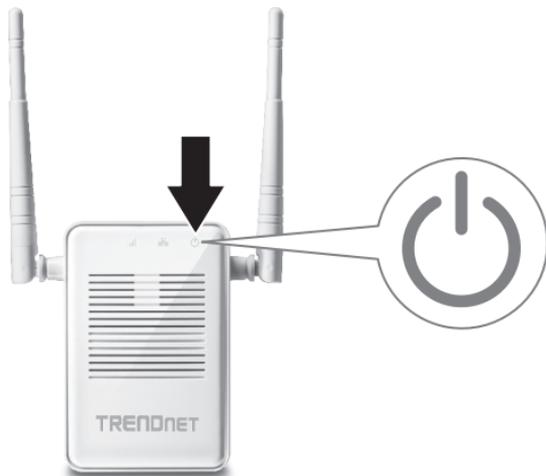
3. Press and hold the WPS button on the side of the TEW-822DRE for 5 seconds. When WPS pairing is activated, the button will begin to blink.

WPS

4. Within two minutes, press and hold in the WPS button on your Wi-Fi router for five seconds to initiate WPS pairing.

WPS

Existing Router
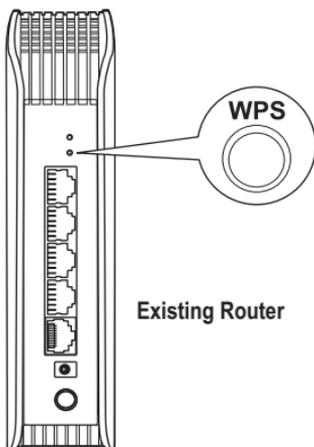
5. The WPS button will stop blinking when the WPS process has finished. Confirm that the Wireless LED is on.

Wireless

WPS

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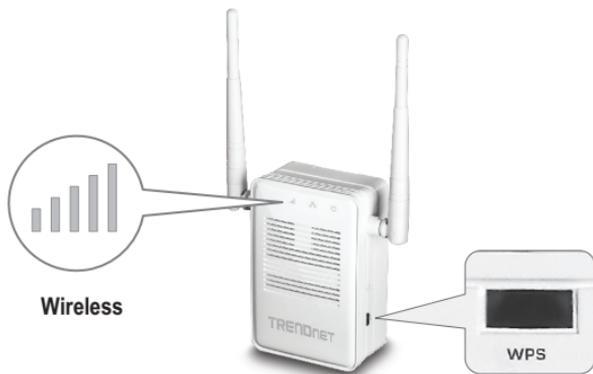
6. If the TEW-822DRE fails to connect, repeat steps 3-5 after five minutes have passed or proceed to Section **3 Manual Setup**.

7. IInstall the TEW-822DRE in the final location. For maximum performance, install the TEW-822DRE in a location where there is at least 2 bars of connection from your WiFi router to a mobile device. Avoid placing furniture in front of the TEW-822DRE.
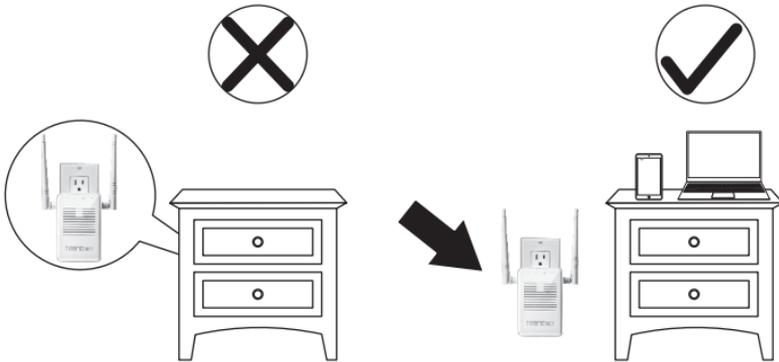
Note: The below chart will indicate the wireless connection strength between the router and TEW-822DRE.

Wireless LED (Color)	Connectivity Strength
Blue	Strong connection
Red	Weak connection. Consider moving the extender's location.

Existing Router

TEW-822DRE

3. Manual Setup

1. Plug the TEW-822DRE into an electric outlet near your WiFi router, and turn the power switch to the **Extender** position.

2. Connect a network cable from the device to a network port on your computer. Confirm that the Network LED on the TEW-822DRE is lit.
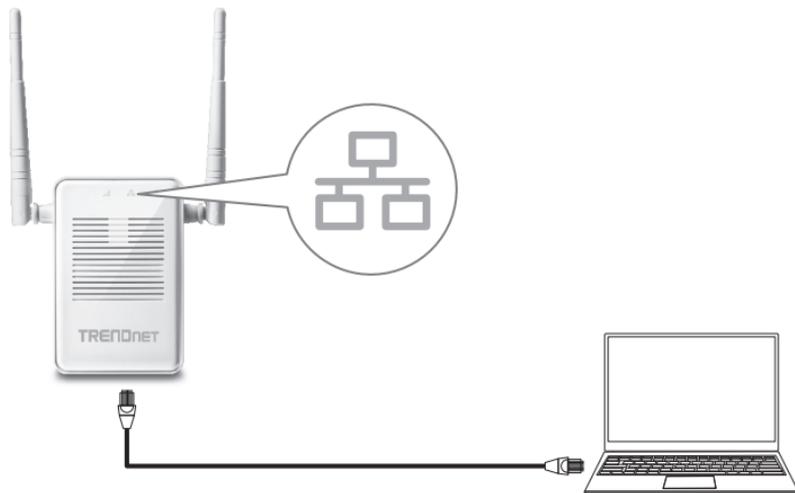
3. On your computer, open a web browser, and enter **http://tew-822dre** or http://192.168.10.100 into the address bar.

4. The **TEW-822DRE** will automatically start the setup wizard. Click **Next** to continue.

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5. The **TEW-822DRE** will ask you to change the default password used to login the management interface. Enter your new password in the Password field, then confirm your password in the **Verify Password** field. Click **Next** to continue.

Setup Wizard

Set your new password

Password → Password | ···········
Verify Password → Verify Password | ···········
☑ Display Characters

Prev | Next | Cancel

Next

6. The wizard will now ask how you want to set up your device. Select **Manual**, then click **Next** to continue.

Manual | ◉ (Select this option if you want to setup your network manually)

Setup Wizard

Select configuration method

WPS | ● (Select this option if you want to use WiFi Protected Setup)
Manual | ◉ (Select this option if you want to setup your network manually)

Please select one of the following configuration methods and click next to continue.

Prev | Next | Cancel

Next

7. The **TEW-822DRE** will perform a site survey for available WiFi networks.

Setup Wizard

Scanning for available Wi-Fi network...

6

8. When the scan is complete, select your router's network and click **Next** to continue.

| TRENDnet818_5GHz_0EVN | d8:eb:97:ad:ec:98 | 161 (A+N+AC) | AP | WPA2-PSK(AES) | 90 | ○ |

Setup Wizard

Select your Wireless Network

| SSID | BSSID | Channel | Type | Encryption | Signal | Select |
| TRENDnet818_5GHz_0EVN | d8:eb:97:ad:ec:98 | 161 (A+N+AC) | AP | WPA2-PSK(AES) | 90 | ○ |

Prev Next Cancel
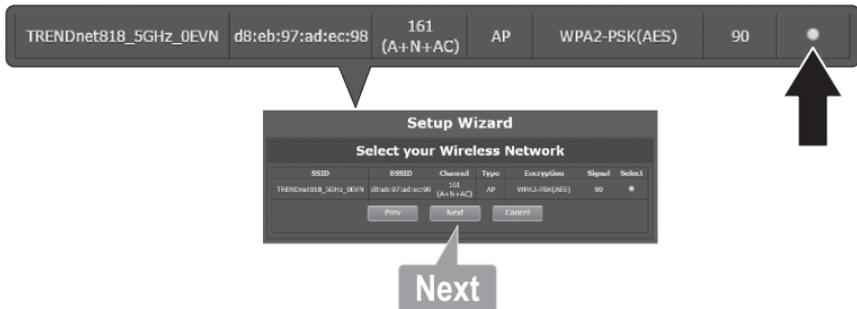
Next

9. Enter the router's WiFi password in the **Wi-Fi Key** field, then click **Next** to continue..

Wi-Fi Key   ● ● ● ● ● ● ● ●
☐ Display Characters

Setup Wizard

Enter Wi-Fi Key

Wi-Fi Key   ● ● ● ● ● ● ●
☐ Display characters

Please enter Wi-Fi Key to establish wireless connection.

Prev Next Cancel

Next

10. TEW-822DRE will automatically adopt your router's network name (and WiFi key). Click **Next**.

Note: You can choose to have a different WiFi network name for the extended network. However, you will then need to manually connect devices to the extended network. (By keeping the same network name (and WiFi key) your devices will automatically connect to the Range Extender.)

11. The wizard will now show you the settings for your extended network. If these settings are correct, click **Save** to save your settings.

Setup Complete!	
Repeater Network Name	**My Network**
Wi-Fi Key	**Password**
Extender Network Name	**My Network**

Setup Wizard

The Setup Wizard has completed. Click the Save button to save your settings and reboot the device.

Setup Complete!	
Repeater Network Name	**My Network**
Wi-Fi Key	**Password**
Extender Network Name	**My Network**

Prev Save Cancel
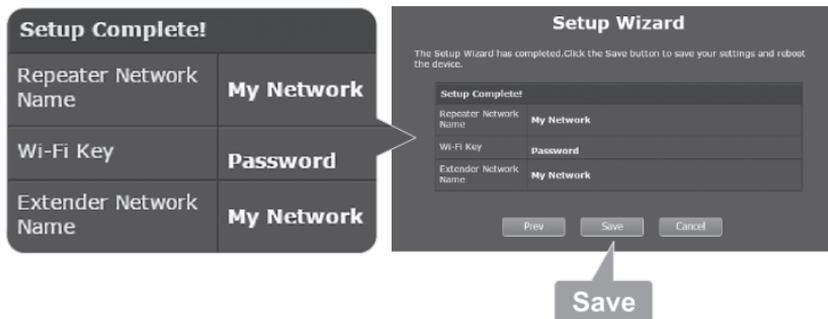
Save

12. Please wait while the TEW-822DRE saves your settings.

The settings are saving and taking effect.
Please wait 54 seconds.

13. Manual setup is now complete. Your extended network is now active.

14. Install the TEW-822DRE in the final location. For maximum performance, install the TEW-822DRE in a location where there is at least 2 bars of connection from your WiFi router to a mobile device.

Note: If the Wireless LED lights in blue, the wireless connection to the router is good. If the Wireless LED lights in red, the wireless connection is weak. Consider to change the extender's location to have better wireless connection to the router.

Existing Router
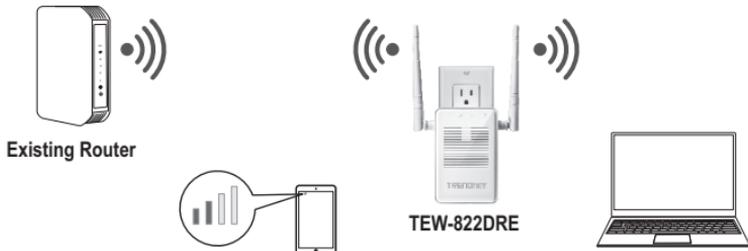
TEW-822DRE

Declaration of Conformity

TRENDNET ®

CE ①

Manufacturer's Name and Address

TRENDnet, Inc.
20675 Manhattan Place
Torrance, CA 90501 USA

Product Information:

Model Number: TEW-822DRE
Product Name: AC1200 WiFi Range Extender
Trade Name: TRENDnet

TRENDnet hereby declare that the product is in compliance with the essential requirements and other relevant provisions under our sole responsibility.

Safety
EN 60950-1: 2006 + A11: 2009: +A1: 2010 + A12: 2011 + A2: 2013

EMC
EN 55022: 2010 + AC: 2011 Class B
EN 55024: 2010
EN 301 489-1   V1.9.2: 09-2011
EN 301 489-17 V2.2.1: 09-2012

Radio Spectrum & Health
EN 300 328   V1.8.1: 06-2012
EN 301 893   V1.7.1: 06-2012
EN 62311:   2008

Energy Efficiency
Regulation (EC) No. 1275/2008, No. 278/2009, No. 801/2013
This product is herewith confirmed to comply with the Directives.

Directives:
Low Voltage Directive 2006/95/EC
EMC Directive 2004/108/EC
R&TTE Directive 1999/5/EC
EMF Directive 1999/519/EC
Ecodesign Directive 2009/125/EC
RoHS Directive 2011/65/EU
REACH Regulation (EC) No. 1907/2006

Person responsible for this declaration.

Place of Issue: Torrance, California, USA   Date: December 16, 2016

Name: Sonny Su   Title: Director of Technology

Signature:

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Technical Support
If you have any questions regarding the product installation, please contact our Technical Support.
Toll free US/Canada: **1-866-845-3673**
Regional phone numbers available
at www.trendnet.com/support

TRENDnet
20675 Manhattan Place
Torrance, CA 90501
USA

Product Warranty Registration
Please take a moment to register your product online. Go to TRENDnet's website at:
www.trendnet.com/register