TP-LINK®
The Reliable Choice

AC 1750
Wi-Fi Range Extender
RE450

Highlights

- **Superfast Wi-Fi** – Expanded 450Mbps on 2.4GHz + 1300Mbps on 5GHz totals 1750Mbps Wi-Fi speeds

- **Maximum Range** – Three adjustable external antennas provide optimal Wi-Fi coverage and reliable connections

- **Gigabit Ethernet Port** – Acts as a wireless adapter to connect a wired device to your network at gigabit speed

- **Intelligent Signal Indicator** – Intelligent signal light helps to find the best location for optimal Wi-Fi coverage by showing the signal strength

Description

The TP-LINK AC1750 Wi-Fi Range Extender connects to your router wirelessly, strengthening and expanding its signal into areas it can't reach on its own. The device also reduces signal interference to ensure reliable Wi-Fi coverage throughout your home or office.

Features

Speed

- Blazing Fast Wi-Fi Speed – Provides faster dual band Wi-Fi access up to 1750Mbps with next generation Wi-Fi standard - 802.11ac technology.

- Gigabit Ethernet Port – Act as a wireless adapter to connect wired devices at gigabit speed.

- High Speed Mode – With High-Speed technology, RE450 makes the best use of both Wi-Fi bands to establish super speedy connections, ideal for bandwidth-intensive tasks.

Reliability

- Reliable Connection – Three adjustable external antennas for optimal Wi-Fi coverage and reliable wireless connections.

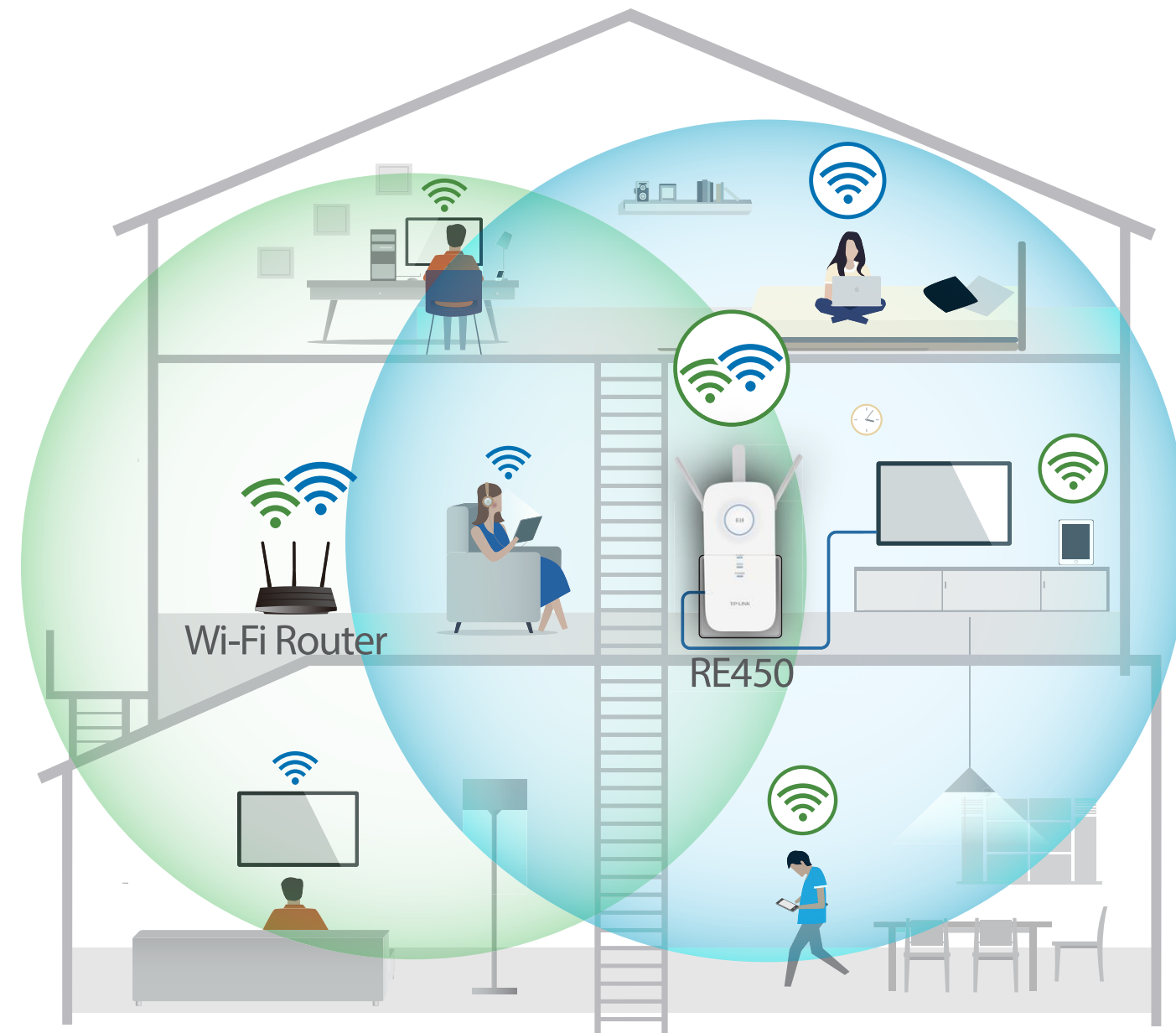- Simultaneous Dual Band – Reduces interference for more stable connections.

Ease of Use

- Smart Signal Indicator – Smart signal lights help to find the best location for optimal Wi-Fi coverage by showing the signal strength.

- One Button Encryption – Press the WPS button on your router and the Range Extender button on your RE450 within 2 minutes to easily connect to the network.

- Universal Compatible – Works with any Wi-Fi router or wireless access point.

Boost Wi-Fi Coverage

RE450 boosts your existing Wi-Fi range & delivers faster wireless speed in hard-to-reach area, providing reliable connections for laptops, smartphones, tablets and other wireless-enabled devices.

Wi-Fi Router

RE450

5GHz Wi-Fi

2.4GHz Wi-Fi

Existing Router Coverage

Expanded Extender Coverage

Ethernet Cable

Gigabit Wired Speed

The RE450's gigabit Ethernet port allows the Extender to function as a wireless adapter to connect wired devices like Blu-ray® players, gaming consoles, DVRs and Internet TVs. At the same time, the device can share the wireless network as well.

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Specifications

Hardware

· **Standards and protocols:** IEEE 802.11ac, IEEE 802.11n, IEEE 802.11g, IEEE 802.11b

· **Interface:** 1*10/100/1000M Ethernet Port(RJ45)

· **Plug Type:** EU, UK, US

· **Button:** RE (Range Extender) Button, Reset Button, LED Button, Power Button

· **Dimensions (W X D X H):** 6.4x 3.0 x 2.6 in. (163 x 76.4 x 66.5mm)

· **Antenna:** 3*external

· **Power Consumption:** 9W (max power consumption)

Wireless

· **Frequency:** 2.4GHz & 5GHz(11ac)

· **Signal Rate:** 5GHz: Up to 1300Mbps, 2.4GHz: Up to 450Mbps

· **Reception Sensitivity:** 2.4GHz:

       11g 54M: -77dBm@10% PER

       11n HT20 mcs7: -73dBm@10% PER

       11n HT40 mcs7: -70dBm@10% PER

     5GHz:

       11a 6Mbps:-93dBm@10% PER

       11a 54Mbps: -76dBm@10% PER

       11ac HT20 mcs8: -68dBm@10% PER

       11ac HT40 mcs9: -64dBm@10% PER

       11ac HT80 mcs9: -61dBm@10% PER

· **Transmit Power:** <20dBm

· **Wireless Modes:** Range Extender

· **Wireless Functions:** Wireless Statistic, Concurrent Mode boost both 2.4G/5G WiFi band, High Speed Mode for great speed for HD Gaming and video, Access Control, LED Control, Domain Login Function

· **Wireless Security:** 64/128-bit WEP, WPA-PSK / WPA2-PSK

Specifications

Others

Package Contents

· AC1750 WiFi Range Extender RE450

· RJ-45 Ethernet Cable

· Quick Installation Guide

Certification

· CE, FCC, RoHS

System Requirements

· Microsoft® Windows® 98SE, NT, 2000, XP, Vista or Windows 7, 8, Mac®
  OS, NetWare®, UNIX® or Linux.

Environment

· Operating Temperature: 0℃~30℃ (32℉ ~104℉)

· Storage Temperature: -40℃~70℃ (-40℉ ~158℉)

· Operating Humidity: 10%~90% non-condensing

· Storage Humidity: 5%~90% non-condensing

Others

Similar Products

- AC750 Wi-Fi Range Extender RE210

- 300Mbps Wi-Fi Range Extender with AC Passthrough TL-WA860RE