

Code: TL-RE450

UNIVERSAL WI-FI RANGE EXTENDER **TL-RE450** 2.4 GHz, 5 GHz TP-LINK

The TL-RE450 device greatly extends existing wireless coverage in difficult-to-wire and "dead zones" places.

Thanks to the advanced OneMesh technology, devices are automatically switched when moving around the house. In addition, the device can also work as a wireless access point, increasing the functionality of the existing wired network by Wi-Fi connection.



Frequency range:	2.4 GHz, 5 GHz
Antenna type:	3 x Omnidirectional antenna - Outdoor
Standards:	IEEE 802.11 a/b/g/n/ac
Baud rates:	<ul style="list-style-type: none"> • 450 Mbps @ 2.4 GHz • 1300 Mbps @ 5 GHz
Receiver sensitivity:	2.4 GHz : <ul style="list-style-type: none"> • 54 Mbps 11g : -77 dBm @ 10% PER • HT20 mcs7 11n : -73 dBm @ 10% PER • HT40 mcs7 11n : -70 dBm @ 10% PER 5 GHz : <ul style="list-style-type: none"> • 6 Mbps 11a : -76 dBm @ 10% PER • 54 Mbps 11a : -76 dBm @ 10% PER • HT20 mcs8 11ac : -68 dBm @ 10% PER • HT40 mcs9 Mbps 11ac : -64 dBm @ 10% PER • HT80 mcs9 Mbps 11ac : -61 dBm @ 10% PER
LED indicators:	5 GHz, 2.4 GHz, Power, Wi-Fi - Signal indicator
QSS:	—
Operation modes:	<ul style="list-style-type: none"> • Range Extender - signal amplifier • Access Point - Access Point mode





DATA SHEET

Protections:	64/128-bit WEP, WPA/WPA-PSK2
LAN ports:	1 x (RJ45) 10/100/1000 Mbps - Ethernet
Management interface:	Web browser, Tether application
Transmitter power:	<ul style="list-style-type: none">• < 20 dBm @ 2.4 GHz• < 23 dBm @ 5 GHz
Main features:	<ul style="list-style-type: none">• 2.4 GHz (450Mb/s) and 5 GHz (1300Mb/s) bands support• Intelligent LED indicator helps you find the best location for the device, which can achieve optimal network coverage• Wireless transmission statistics• Access control• Domain Login Function• Access Point - Built-in• WPS button• RESET button
Power supply PoE:	—
Power supply:	230 V AC
Power consumption:	≤ 10 W
Operation temp:	0 °C ... 40 °C
Permissible relative humidity:	10 % ... 90 %
Weight:	0.22 kg
Dimensions:	202 x 125 x 86 mm
Manufacturer / Brand:	TP-LINK
Guarantee:	3 years