



## AC750 Wireless Travel Router

TEW-817DTR (v1.0R)

- Networks WiFi AC and N devices while on the go
- AC750: 433 Mbps WiFi AC + 300 Mbps WiFi N bands
- Share a single internet connection with multiple users
- Router, Wireless ISP (WISP), Access Point, and Repeater modes
- Interchangeable power plugs: North America, Euro, and UK
- Pre-encrypted WiFi for your convenience

TRENDnet's AC750 Wireless Travel Router, model TEW- 817DTR, is a powerful travel router for on the go professionals. Concurrent high performance WiFi AC and N bands network all wireless devices. Router mode turns a wired internet connection into a wireless network. Wireless ISP (WISP) mode shares a single password protected hotel WiFi connection with multiple users\*. The compact router plugs directly into an outlet and interchangeable North America, Euro, and UK power prongs work on all continents.



### Internet Sharing

Router mode shares a wired connection and WISP mode shares a WiFi connection (WISP compatible) with multiple users.



### WiFi for All

WiFi AC and WiFi N devices are supported by concurrent 433 Mbps WiFi AC and 300 Mbps WiFi N networks.



### Travel Ready

Stay connected on all continents with easily interchangeable USA, Euro, and UK power plugs.

## Networking Solution

HD movies



Music



Surfing



E-mail



**WISP Mode**  
Shares a WISP compatible WiFi connection

OR



**Router Mode**  
Shares a wired internet connection



## Easy Setup

Get up and running in minutes with the intuitive guided setup



## Wireless AC750

Concurrent high speed 433 Mbps WiFi AC + 300 Mbps WiFi N bands



## Pre-Encrypted Wireless

For your convenience the wireless network arrives pre-encrypted with its own unique password



## Router Mode

Turns a single wired internet connection into a shared wireless network



## WISP Mode

Shares a single password protected hotel WiFi connection with multiple users\*



## Access Point/Repeater Modes

Access Point and Repeater modes add device versatility



## Toggle Switch

A convenient external switch sets the TEW-817DTR to Router mode, to WISP/AP/Repeater mode, or turns it off



## Power Plugs

Stay connected on all continents with interchangeable North America, Euro, and UK power plugs



## Ethernet Port

Router mode: WAN port used to connect to a wired internet connection

WISP/AP/Repeater mode: LAN port used to connect a wired device to the internet



## One Touch Connection

Connect at the touch of the Wi-Fi Protected Setup (WPS) button



## Guest Network

Create an isolated network for guest internet access only (router mode only)



## VPN Passthrough Support

Secure remote access with IPsec, PPTP, and L2TP VPN passthrough support



## IPv6

IPv6 network support

## Specifications

### Standards

- IEEE 802.3
- IEEE 802.3u
- IEEE 802.11a
- IEEE 802.11b
- IEEE 802.11g
- IEEE 802.11n (up to 300 Mbps)
- IEEE 802.11ac (up to 433 Mbps)

### Hardware Interface

- 1 x 10/100 Mbps port
- Router/AP-WISP/off switch
- WPS button
- Reset button
- LED indicators
- Interchangeable power plugs: US, EU, UK

### Modes

- Router
- Repeater
- WISP\*

### Features

- Compact form factor
- IPv6
- Dual band connectivity
- Multiple SSID
- Multicast to Unicast converter
- WDS
- VPN passthrough support

### Access Control

- Wireless encryption: up to WPA2
- Firewall: NAT, ALG, Port Trigger, Virtual Server, Special Applications, DMZ Host, PPTP/L2TP/IPsec VPN Passthrough

- Wireless guest networks
- Parental (Access) Controls: Website filter
- Inbound filter

### Quality of Service

- Bandwidth control
- WMM

### Frequency

- 5 GHz: FCC: 5.180 – 5.240 + 5.745 – 5.825; ETSI: 5.180 – 5.725 GHz
- 2.4 GHz: FCC: 2.412 – 2.472; ETSI: 2.412 – 2.472 GHz

### Modulation

- 802.11b: CCK, DQPSK, DBPSK
- 802.11a/g/n: BPSK, QPSK, 16 QAM, 64 QAM sub carrier with OFDM
- 802.11ac: BPSK, QPSK, 16 QAM, 64 QAM, 256 QAM with OFDM

### Antenna Gain

- 5 GHz: 3 dBi (max.) internal
- 2.4 GHz: 2 dBi (max.) internal

### Wireless Output Power/Receiving Sensitivity

- 802.11a: FCC: 20 dBm, CE: 18 dBm (max.)/-65 dBm (typical) @ 54 Mbps
- 802.11b: FCC: 20 dBm, CE: 16.5 dBm (max.)/-83 dBm (typical) @ 11 Mbps
- 802.11g: FCC: 20 dBm, CE: 16.5 dBm (max.)/-65 dBm (typical) @ 54 Mbps
- 802.11n (2.4 GHz): FCC: 17 dBm, CE: 13.5 dBm (max.)/-61 dBm (typical) @ 300 Mbps
- 802.11n (5 GHz): FCC: 18 dBm, CE: 18 dBm (max.)/-61 dBm (typical) @ 150 Mbps
- 802.11ac: FCC: 14 dBm, CE: 14 dBm (max.)/-51 dBm (typical) @ 433 Mbps

### Wireless Channel

- 5 GHz: FCC: 36, 40, 44, 48, 149, 159, 167, 161, and 165; CE: 36, 40, 44, 48
- 2.4 GHz: FCC: 1 – 11; CE: 1 - 13

### Power

- Input: 100 – 240 V AC, 50 – 60 Hz, 0.5 A
- Consumption: 3.2 Watts (max.)

### Operating Temperature

- 0 – 40 °C (32 – 104 °F)

### Operating Humidity

- Max. 95% non-condensing

### Certifications

- CE
- FCC

### Dimensions

- 58 x 47 x 89 mm (2.3 x 1.9 x 3.5 in.)

### Weight

- 114 g (4 oz.)

### Warranty

- 3 year limited

### Package Contents

- TEW-817DTR
- Quick Installation Guide
- Network cable (1.5 m/5 ft.)
- Interchangeable power plugs: US, EU, UK

\*WISP mode is not compatible with captive portal wireless login pages

\*Maximum wireless signal rates are referenced from IEEE 802.11 theoretical specifications. Actual data throughput and cover-age will vary depending on interference, network traffic, building materials and other conditions. For maximum performance of up to 433 Mbps use with a 433 Mbps 802.11ac wireless adapter.

