



## 4-Port Powerline 500 AV Adapter

TPL-4052E (v1.0R)

- Networking over existing electrical lines
- Connect four devices to the Ethernet ports
- TRENDnet adapters auto-connect out of the box
- Pre-encrypted for your security
- Power Save mode reduces electrical consumption by 80%

TRENDnet's 4-Port Powerline 500 AV Adapter, model TPL-4052E, uses an electrical outlet to create a powerline network. Two adapters are needed to start a network. Connect network ready TVs, media players, game consoles, and computers to the four Ethernet ports. No CD installation required—encrypted TRENDnet adapters auto-connect out of the box.

## Ease of Use



### No CD Installation

Simply plug in the adapters—all TRENDnet adapters auto-connect out of the box



### Cross Compatible

Works with all TRENDnet Powerline 500 and 200 adapters

## Security



### Pre-Encrypted

For your security the adapter arrives pre-encrypted



### Sync Button

Press the Sync button to change existing encryption keys

## Performance



### Powerline 500

Powerline networking over existing electrical lines



### Whole Home Coverage

Connects over electrical lines for distances of up to a 5000 square foot home



### Four Ports

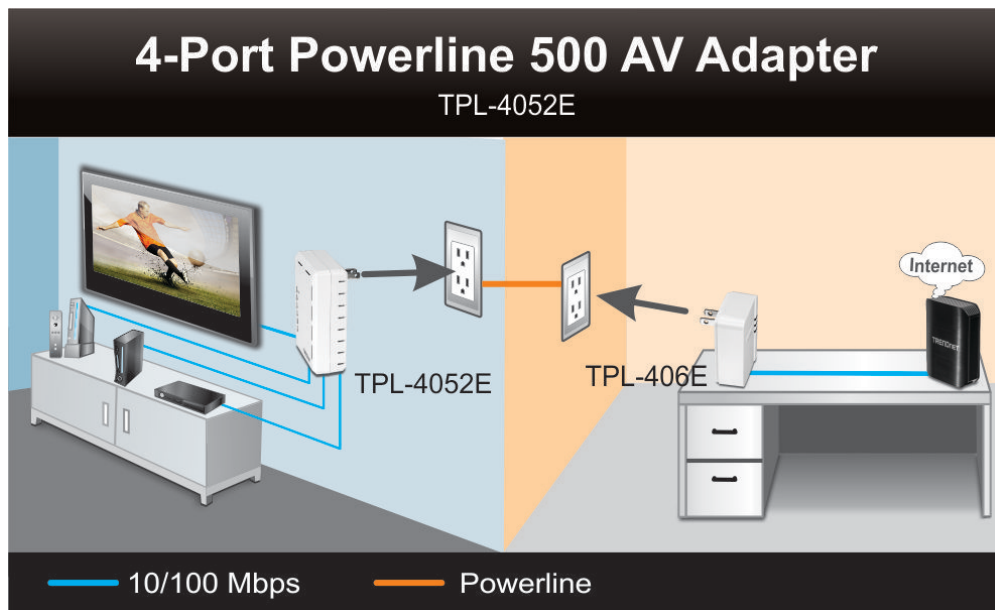
Connect up to four devices to the four Ethernet ports



### Energy Savings

Power Save mode reduces electrical consumption by up to 80%

## Networking Solution



## Specifications

### Standards

- IEEE 802.3
- IEEE 802.3u
- IEEE 802.3x
- IEEE 1901/HomePlug AV

### Device Interfaces

- 4 x 10/100 Mbps Ethernet ports
- Sync button
- Status LEDs
- Power prong
- A: North America Type B (NEMA 5–15)
- EU: Euro Type C (CEE 7/16)
- UK : United Kingdom Type G (BS 1363)

### Powerline Data Rate

- Up to 500 Mbps\*\*

### Powerline Range

- Up to 300 m over electrical lines

### Frequency Band

- 2 - 50 MHz

### Security

- 128-Bit AES encryption

### Compatibility

- Optional software utility: Windows® 8.1, 8, 7, Vista and XP

### Special Features

- Power Save Mode
- Auto-connects to other TRENDnet Powerline adapters

### Power

- Input: 100 - 240 V AC, 50 - 60 Hz
- Consumption: Active mode: 4 Watts (max.), Standby mode: 0.5 Watts (max.)

### Operating Temperature

- 0 - 40 °C (32 - 104 °F)

### Operating Humidity

- Max 90% non-condensing

### Certifications

- CE
- FCC
- HomePlug AV

### Dimensions

- A: 105 x 75 x 57 mm (4.1 x 3.0 x 2.2 in.)
- EU: 105 x 75 x 73 mm (4.1 x 3.0 x 2.87 in.)
- UK: 105 x 75 x 65 mm (4.1 x 3.0 x 2.56 in.)

### Weight

- A: 147 g (5.2 oz)
- EU: 170 g (6.0 oz)
- UK: 159 g (5.6 oz)

### Warranty

- 3-year limited

### Package Contents

- TPL-4052E
- Quick Installation Guide
- CD-ROM (Utility & User's Guide)
- Network cable (1.5 m/5 ft.)

\* Maximum of 8 adapters (nodes) recommended for streaming video across your network

\*\* 500 Mbps is the maximum physical Powerline data rate. Data throughput may vary by circuit wire condition overheads

\*\*\* Powerline communication works only single area electric circuit. (Usually controlled by a single power breaker.)

\*\*\*\* Power strip, GFCI outlets and AFCI circuit breakers will degrade Powerline network signals.