





200Mbps Compact Powerline AV Adapter Kit TPL-306E2K (V1.0R)

The 200Mbps Compact Powerline AV Adapter Kit, model TPL-306E2K, uses any electrical outlet to create a secure high speed building-wide network. Connect one adapter to your existing network and plug the other adapter in to any outlet on your electrical system for instant high speed network access throughout your home.

The compact form factor offers more space around electrical outlets for other devices. Adapters connect automatically with no installation required. For added security, TRENDnet recommends using the one-touch connect button to change the default network key.

Use up to 6 adapters to network devices in different rooms without the need for new cabling. Power Save mode reduces power consumption by up to 80%. LED displays convey device status for easy power management and troubleshooting. Quality of Service technology prioritizes video, audio, and online gaming. Advanced AES encryption secures your network. This adapter is ideal for use in buildings that interfere with wireless networking signals.

FEATURES

- Includes two TPL-306E adapters
- · Compliant with the HomePlug® AV and IEEE 1901 standard
- · 200Mbps building-wide networking over an existing electrical system
- 1 x 10/100Mbps Auto-MDIX Ethernet port
- · Compact form factor saves space
- One-touch Sync button to change the default encryption key
- Three LED indicators: Power (on/off), Powerline Connection (green (best), amber (better), red (good), off(no connection)), Ethernet Connection (solid (connection), blinking (transfer activity), off (no connection))
- · Share data intensive files, play games, download music and more at faster data transfer rates
- Advanced 128-bit AES encryption to ensure total network security
- Power Saving mode reduces electrical consumption by 80%
- Neighbor network support for up to 4 overlapping networks
- Network signal transmits up to 300 meters (984ft.)
- · Auto QoS support through traffic classification and multiple priority queuing
- Compatible with all operating systems
- Optional management utility compatible with Windows 7 (32/64-bit), Vista (32/64-bit), and XP (32/64-bit) operating systems
- · 3-year limited warranty
- * Maximum of 6 adapters (nodes) for streaming video across your network
- ** 200Mbps is the maximum theoretical Powerline data rate. Actual throughput will vary depending on environment
- *** Networked Powerline devices need to be plugged into power outlets that are on the same electrical system
- **** GFCI outlets and AFCI circuit breakers may degrade Powerline network signals

200Mbps Compact Powerline AV Adapter Kit TPL-306E2K (V1.OR)



SPECIFICATIONS

Standards • IEEE 802.3. IEEE 802.3. IEEE 802.3. HEEE 902.9. HEEE 1901 Interface 1x 10/100Mbps Auto-MDIX RJ-45 port Porons • A. North America Type B (NEIMA 5-16) • UK : United Kingdom Type G (BS 1363) Frequency Band • 2- 28 MHz Modulation • OFDM Symbol Modulation on link synchronization, 1024/256/64/8 - QAM, QPSK, BPSK, ROBO Carrier Protocol • TDMA and CSMA/CA Speed • Powerfine: Up to 200Mbps * GII Duplex mode) Utility QS Compatibility • Up to 6 (max.) Overlapping Powerfine Networks • Up to 4 (per electrical system) Coverage • Up to 300 m (984 ft.) Security • 128-Bit AES (Advanced Encryption Standard) LED • Power (PWR) Powerfine (PL) Connection • Solid	HARDWARE		
Power prong:	Standards	• IEEE 802.3, IEEE 802.3x, IEEE 802.3u, HomePlug® AV, IEEE 1901	
Modulation • OFDM Symbol Modulation on link synchronization, 1024/256/64/8 - QAM, QPSK, BPSK, ROBO Carrier Protocol • TDMA and CSMA/CA Speed • Powerline: Up to 200Mbps** e. Ethernett Up to 200Mbps (Full Duplex mode) Utility OS Compatibility • Windows 7 (32/64-bit), Vista (32/64-bit), XP(32/64-bit) Nodes • Up to 6 (max.) Overlapping Powerline Networks • Up to 4 (per electrical system) Coverage • Up to 300 m (984 ft.) Security • 128-Bit AES (Advanced Encryption Standard) LED • Power (PWR) • Power (PWR) • Powerline (PL) Connection • Best (Green) • No connection (Off) Buttons • Sync, Reset Dimension (L x W X H) • A: 55 x 87 x 51 mm (2.2 x 3.4 x 2.6 in.) per unit • UK: 55 x 87 x 66 mm (2.2 x 3.4 x 2.3 in.) per unit • UK: 55 x 87 x 58 mm (2.2 x 3.4 x 2.3 in.) per unit • UK: 55 x 87 x 58 mm (2.2 x 3.4 x 2.3 in.) per unit • UK: 51 x 88 q (5.6 o.2) / Per Unit Weight: 79.4 g (2.6 oz.) • UK: Total Weight: 170g (6 oz.) / Per Unit Weight: 79.4 g (2.8 oz.) • UK: Total Weight: 170g (6 oz.) / Per Unit Weight: 79.4 g (2.8 oz.) • UK: Total Weight: 170g (6 oz.) / Per Unit Weight: 85 (3 oz.)	Interface	 Power prong: A: North America Type B (NEMA 5–15) EU: Euro Type C (CEE 7/16) 	
Protocol . TDMA and CSMA/CA Speed . Powerline: Up to 200Mbps** ethernet: Up to 200Mbps (Full Duplex mode) Utility OS Compatibility . Windows 7 (32/64-bit), Vista (32/64-bit), XP(32/64-bit) Nodes . Up to 6 (max.) Overlapping Powerline Networks . Up to 4 (per electrical system) Coverage . Up to 300 m (984 ft.) Security . 128-Bit AES (Advanced Encryption Standard) LED . Power (PWR) - Powerline (PL) Connection - Better (Amber) - Good (Red) - Better (Amber) - Good (Red) - Better (Amber) - Good (Red) - Solid - Blinking - Off Buttons . St. 55 x 87 x 51 mm (2.2 x 3.4 x 2.6 in.) per unit - EU: 55 x 87 x 66 mm (2.2 x 3.4 x 2.6 in.) per unit - UK: 55 x 87 x 68 mm (2.2 x 3.4 x 2.3 in.) per unit - UK: 55 x 87 x 88 mm (2.2 x 3.4 x 2.3 in.) per unit weight: 17.9 q (6 oz.) Per Unit Weight: 74 q (2.6 oz.) et Uit: Weight: 74 g (2.6 oz.) Per Unit Weight: 75 q (2.8 oz.) UK: Total Weight: 170g (6 oz.) Per Unit Weight: 85 (3 oz.) Per Unit Weight: 75 q (2.8 oz.) Per Unit Weight: 75 q (2.8 oz.)	Frequency Band	• 2 ~ 28 MHz	
Speed Powerline: Up to 200Mbps (Full Duplex mode) Utility OS Compatibility • Windows 7 (32/64-bit), Vista (32/64-bit), XP(32/64-bit) Nodes • Up to 6 (max.) Overlapping Powerline Networks • Up to 300 m (984 ft.) Security • 128-Bit AES (Advanced Encryption Standard) LED Power (PWR) Powerline (PL) Connection • Better (Amber) • Best (Green) • Better (Amber) • Good (Red) • No connection (Off) • No connection (Off) • Solid • Blinking • Off Buttons • A: 55 x 87 x 51 mm (2.2 x 3.4 x 2.5 in.) per unit • LU: 55 x 87 x 65 mm (2.2 x 3.4 x 2.3 in.) per unit • UK: 55 x 87 x 85 mm (2.2 x 3.4 x 2.3 in.) per unit • UK: 55 x 87 x 85 mm (2.2 x 3.4 x 2.3 in.) per unit Weight: 74 g (2.6 oz) • LUI: Total Weight: 170g (6 oz) / Per Unit Weight: 74 g (2.8 oz) • UK: Total Weight: 170g (6 oz) / Per Unit Weight: 74 g (2.8 oz) • UK: Total Weight: 170g (6 oz) / Per Unit Weight: 85 g oz) / Per	Modulation	OFDM Symbol Modulation on link synchronization, 1024/256/64/8 - QAM, QPSK, BPSK, ROBO Carrier	
Utility OS Compatibility • Windows 7 (32/64-bit), Vista (32/64-bit), XP(32/64-bit) Nodes • Up to 6 (max.) Overlapping Powerline Networks • Up to 4 (per electrical system) Coverage • Up to 300 m (984 ft.) Security • 128-Bit AES (Advanced Encryption Standard) LED • Power (PWR)	Protocol	• TDMA and CSMA/CA	
Nodes • Up to 6 (max.) Overlapping Powerline Networks • Up to 300 m (984 ft.) Security • 128-Bit AES (Advanced Encryption Standard) LED • Power (PWR) Powerline (PL) Connection • Best (Green) • Better (Amber) • Good (Red) • No connection (Off) • No connection (Off) Buttons • Sync, Reset Dimension (L x W X H) • A: 55 x 87 x 51 mm (2.2 x 3.4 x 2 in.) per unit • EU: 55 x 87 x 58 mm (2.2 x 3.4 x 2.3 in.) per unit • EU: 55 x 87 x 58 mm (2.2 x 3.4 x 2.3 in.) per unit • EU: 55 x 87 x 58 mm (2.2 x 3.4 x 2.3 in.) per unit • EU: Total Weight: 148 g (5.2 oz) / Per Unit Weight: 79.4 g (2.8 oz) • UK: Total Weight: 170 g (6 oz) / Per Unit Weight: 85 (3 oz)	Speed		
Overlapping Powerline Networks • Up to 300 m (984 ft.) Coverage • Up to 300 m (984 ft.) Security • 128-Bit AES (Advanced Encryption Standard) LED • Power (PWR)	Utility OS Compatibility	Windows 7 (32/64-bit), Vista (32/64-bit), XP(32/64-bit)	
Powerline Networks Coverage • Up to 300 m (984 ft.) Security • 128-Bit AES (Advanced Encryption Standard) LED • Power (PWR) • Power (PWR) • Better (Amber) • Good (Red) • No connection (Off) Ethernet (ETH) Connection • Solid • Blinking • Off Buttons • Sync, Reset Dimension (L x W X H) • A: 55 x 87 x 51 mm (2.2 x 3.4 x 2 in.) per unit • EU: 55 x 87 x 65 mm (2.2 x 3.4 x 2.3 in.) per unit • UK: 55 x 87 x 58 mm (2.2 x 3.4 x 2.3 in.) per unit Weight • A: Total Weight: 148 g (5.2 oz) / Per Unit Weight: 74 g (2.6 oz) • EU: Total Weight: 158.8 g (5.6 oz) / Per Unit Weight: 79.4 g (2.8 oz) • UK: Total Weight: 170 g (6 oz) / Per Unit Weight: 85 (3 oz)	Nodes	• Up to 6 (max.)	
Security 128-Bit AES (Advanced Encryption Standard)		Up to 4 (per electrical system)	
LED	Coverage	• Up to 300 m (984 ft.)	
Powerline (PL) Connection Best (Green) Better (Amber) Good (Red) No connection (Off) Ethernet (ETH) Connection Solid Blinking Off Summersion (L x W X H) A: 55 x 87 x 51 mm (2.2 x 3.4 x 2 in.) per unit EU: 55 x 87 x 56 mm (2.2 x 3.4 x 2.6 in.) per unit UK: 55 x 87 x 58 mm (2.2 x 3.4 x 2.3 in.) per unit UK: 55 x 87 x 58 mm (2.2 x 3.4 x 2.3 in.) per unit UK: 55 x 87 x 58 mm (2.2 x 3.4 x 2.3 in.) per unit UK: 55 x 87 x 58 mm (2.2 x 3.4 x 2.3 in.) per unit UK: 55 x 87 x 58 mm (2.2 x 3.4 x 2.3 in.) per unit UK: 55 x 87 x 58 mm (2.2 x 3.4 x 2.3 in.) per unit UK: 55 x 87 x 58 mm (2.2 x 3.4 x 2.3 in.) per unit UK: 55 x 87 x 58 mm (2.2 x 3.4 x 2.3 in.) per unit UK: Total Weight: 148 g (5.2 oz) / Per Unit Weight: 79.4 g (2.6 oz) UK: Total Weight: 170g (6 oz) / Per Unit Weight: 85 (3 oz)	Security	128-Bit AES (Advanced Encryption Standard)	
Dimension (L x W X H) • A: 55 x 87 x 51 mm (2.2 x 3.4 x 2 in.) per unit • EU: 55 x 87 x 65 mm (2.2 x 3.4 x 2.6 in.) per unit • UK: 55 x 87 x 58 mm (2.2 x 3.4 x 2.3 in.) per unit Weight • A: Total Weight: 148 g (5.2 oz) / Per Unit Weight: 74 g (2.6 oz) • EU: Total Weight: 158.8 g (5.6 oz) / Per Unit Weight: 79.4 g (2.8 oz) • UK: Total Weight: 170g (6 oz) / Per Unit Weight: 85 (3 oz)	LED	Powerline (PL) Connection Best (Green) Better (Amber) Good (Red) No connection (Off) Ethernet (ETH) Connection Solid Blinking	
• EU: 55 x 87 x 65 mm (2.2 x 3.4 x 2.6 in.) per unit • UK: 55 x 87 x 58 mm (2.2 x 3.4 x 2.3 in.) per unit • A: Total Weight: 148 g (5.2 oz) / Per Unit Weight: 74 g (2.6 oz) • EU: Total Weight: 158.8 g (5.6 oz) / Per Unit Weight: 79.4 g (2.8 oz) • UK: Total Weight: 170g (6 oz) / Per Unit Weight: 85 (3 oz)	Buttons	Sync, Reset	
 EU: Total Weight: 158.8 g (5.6 oz) / Per Unit Weight: 79.4 g (2.8 oz) UK: Total Weight: 170g (6 oz) / Per Unit Weight: 85 (3 oz) 	Dimension (L x W X H)	• EU: 55 x 87 x 65 mm (2.2 x 3.4 x 2.6 in.) per unit	
Power Source • 100~240V AC, 50~60Hz	Weight	• EU: Total Weight: 158.8 g (5.6 oz) / Per Unit Weight: 79.4 g (2.8 oz)	
	Power Source	• 100~240V AC, 50~60Hz	

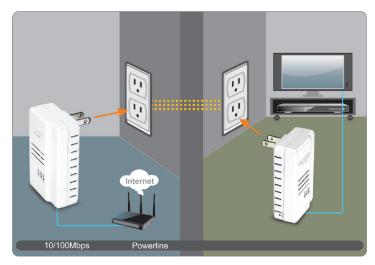
200Mbps Compact Powerline AV Adapter Kit

TPL-306E2K (V1.0R)



HARDWARE	RDWARE	
Consumption	Active mode: 3.1 Watts (max.) Standby mode: 0.5 Watts (max.)	
Temperature	 Operating: 0° ~ 40°C (32° ~ 104°F) Storage: -20° ~ 70°C (-4° ~ 158°F) 	
Humidity	Max. 90% (non-condensing)	
Certifications	CE, FCC, HomePlug® AV	

NETWORKING SOLUTIONS



PACKAGE CONTENTS

2 x TPL-306E
Multi-Language Quick Installation Guide
CD-ROM (Utility & User's Guide)
2 x network cables (1.5 m / 5 ft.)

RELATED PRODUCTS

TEW-692GR	450Mbps Concurrent Dual Band Wireless N Router
TPL-307E2K	200Mbps Powerline AV Adapter Kit with Bonus Outlet
TPL-402E2K	500Mbps Powerline AV Adapter Kit with Bonus Outlet

CONTACT INFORMATION

TRENDNET

20675 Manhattan Place, Torrance, CA 90501 USA

Tel: 1-310-961-5500 Fax: 1-310-961-5511 Web: www.trendnet.com Email: sales@trendnet.com 1-888-326-6061

