TPE-101I/TPE-102S

**Injector/Splitter
User's Guide**

**Injecteur TPE-101I /Splitter TPE-102S
Guide de l'utilisateur**

**TPE-101I Injector/TPE-102S Splitter
Benutzeranleitung**

**Guía del Usuario
inyector TPE-101I/ splitter TPE-102S**

Version 01.04.05

TRENDNET
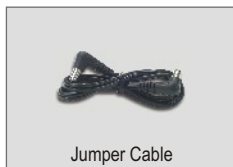
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English UG
1. Prepare for Installation

Thank you for purchasing TRENDnet's TPE-101I Injector/TPE-102S Splitter. This guide will help you set up your Injector/Splitter. Following the installation instructions should be quick and easy. If you run into problems, please refer to the Troubleshooting section of this guide. If you need further technical support, please visit www.TRENDNET.com or call technical support by phone.
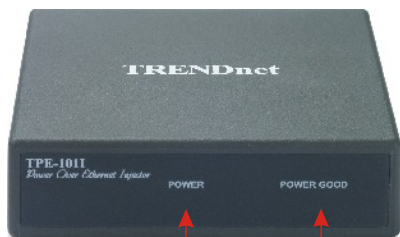
<u>Verify Package Contents</u>
Please make sure you have everything in the box:

TPE-101I/TPE102S

User's Guide

Power Cable

Jumper Cable

Power Adapter (48V, 500mA)

2. Product Detail

TPE-101I

The TPE-101I has a RJ-45 connector for data, a RJ-45 connector for Power-over-Ethernet, and a power adapter connector. It also has two LEDS that indicate power and Power-over Ethernet.

LED for
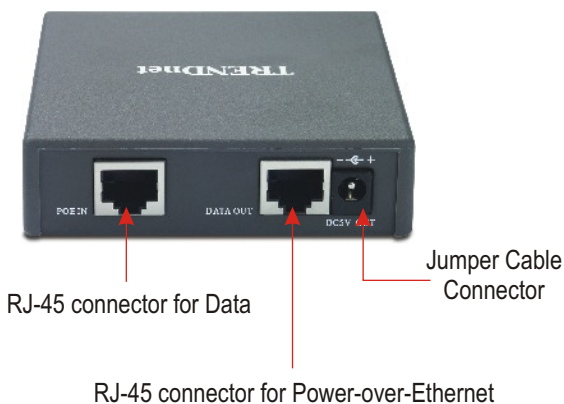Power Adapter

LED for
Power-over-Ethernet

RJ-45 connector for Power-over-Ethernet

Jumper Cable
Connector

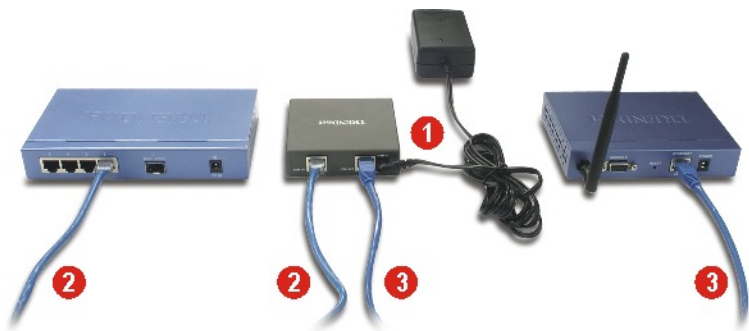RJ-45 connector for Data

TPE-102S

The TPE-102S has a RJ-45 connector for Power-over-Ethernet, a RJ-45 connector for data, and a jumper cable connector. It also has two LEDS that indicate Power Output and Power-over Ethernet.

LED for
Power Output

LED for
Power-over-Ethernet

Jumper Cable
Connector

RJ-45 connector for Data

RJ-45 connector for Power-over-Ethernet

3. Hardware Installation

Using the TPE-101I for a PoE device

1. Connect the power adapter to the **DC 48V IN** connector.
2. Using a CAT 5 cable, connect a switch's port to the TPE-101I's **Data In** port.
3. Using a CAT5 cable, connect a PoE device to the TPE-101I's **PoE OUT**.

Using the TPE-102S for a non-PoE device

1. Using a CAT5 cable, connect a PoE Injector to the TPE-102S' **PoE IN** port.
2. Using a CAT 5 cable, connect a non-PoE device (e.g. access point) to the TPE-102S' **Data Out** port.
3. Using the provided jumper cable, connect a non-PoE device (e.g. access point) power adapter connector to the TPE-102S' **DC5V OUT** connector.

Using the TPE-101I and the TPE-102S for a non-PoE device

1. Connect the power adapter to the **DC 48V IN** connector.
2. Using a CAT 5 cable, connect a switch's port to the TPE-101I's **Data In** port.
3. Connect a CAT5 cable from the TPE-101I's **PoE OUT** to the TPE102S' **PoE IN** port.
4. Using a CAT 5 cable, connect a non-PoE device (e.g. access point) to the TPE-102S' **Data Out** port.
5. Using the provided jumper cable, connect a non-PoE device (e.g. access point) power adapter connector to the TPE-102S' **DC5V OUT** connector.

Troubleshooting

Q1: Why is the POWER GOOD LED off on the TPE-101I?
  A1: Make sure that the PoE splitter or PoE device is connected properly to the TPE-101I.

Q2: Why are both LEDs off on the TPE-102S?
  A2: Make sure that the PoE injector or TPE-101I is connected properly to the TPE-102S. (See 3.Hardware Installation)

Q3: Will the TPE-101I work with any PoE device?
  A3: The TPE-101I follows the IEEE 802.3af standard, so any PoE device that follows the IEEE 802.3af standard will work with TPE-101I.

Q4: Will the TPE-102S work with any non-PoE device?
  A4: Non-PoE devices such as access points will work with the TPE-102S only if the non-PoE device operates at 5V.

Q5: I connected my non-PoE device into the TPE-102S, but my switch does not recognize the device.
  A5: Power cycle the non-PoE device by either pulling out the power adapter connector from the PoE injector or disconnecting the CAT 5 cable from the **PoE OUT** port. Reinsert the connection after 5-10 seconds have elapsed.

If you have further questions, please contact Trendware's Technical Support Department.

Certifications
This equipment has been tested and found to comply with FCC and CE Rules. Operation is subject to the following two conditions:

(1) This device may not cause harmful interference.
(2) This device must accept any interference received including interference that may cause undesired operation.

FC CE

TRENDnet

Product Warranty Registration

Please take a moment to register your product online.
Go to TRENDnet's website at http://www.TRENDNET.com

TRENDnet Technical Support

US · Canada

Toll Free Telephone: 1(866) 845-3673
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