# Owner's Manual

## 1-Port Gigabit High-Power PoE+ Midspan Injector

### Model: NPOE-30W-1G, NPOE-30W-1G-INT

**Este manual esta disponible en español en la página de Tripp Lite: tripplite.com/support**

**Ce manuel est disponible en français sur le site Web de Tripp Lite : tripplite.com/support**

**Русскоязычная версия настоящего руководства представлена на веб-сайте компании Tripp Lite по адресу: tripplite.com/support**

**WARRANTY REGISTRATION**

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# Package Contents

- Gigabit High-Power PoE+ Injector
- External Power Supply
  - NPOE-30W-1G: C5 to NEMA 5-15P Power Cable - 2 ft.
  - NPOE-30W-1G-INT: International power supply with NEMA 1-15P (North America), CEE 7/16 Schuko (Europe), BS 1363 (UK) and AS/NZS 3112 (Australia) plugs
- Owner's Manual

# Product Features

- Save time and money by delivering up to 10/100/1000 Mbps of data and up to 30W of power via existing network cables.
- Supports distances up to 328 ft. (100 m).
- Supports all IEEE 802.3at- and IEEE 802.3af-compliant PoE devices (Wireless LAN access points and bridges, VoIP, IP surveillance cameras, etc.).
- Supports IEEE 802.3at/af detection and short-circuit, overload and high-voltage protection.
- Simple plug-and-play design with no configuration required.
- Fanless design ideal for silent operation.
- Flexible design allows for either desktop or surface-mount use.

# Installation

**1.** Using existing or newly run Cat5e/6 cable, connect a LAN port on a non-PoE switch or network jack to the LAN port on the injector.

**2.** Connect any IEEE 802.3af/at-compliant PoE device to the POE port on the injector.

**3.** Use the included power cable (and compatible plug, if applicable) to connect the injector to an AC outlet.



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# Specifications

| | |
|---|---|
| IEEE Standards | IEEE 802.3af (Power over Ethernet)<br>IEEE 802.3at (High-Power PoE+ Power over Ethernet)<br>IEEE 802.3 (10Base-T Ethernet)<br>IEEE 802.3ab (Gigabit Ethernet)<br>IEEE 802.3u (100Base-TX Fast Ethernet)<br>IEEE 802.3x (Flow control, for full duplex mode) |
| Media Support | 100Base-TX Cat5 UTP/STP RJ45, 8 pin<br>1000Base-T Cat5e/6 UTP/STP RJ45, 8 pin |
| Ports | One RJ45 10/100/1000 Mbps Input port<br>One RJ45 10/100/1000 Mbps Data + Power Output port |
| Protection Functions | Short circuit protection for short GND<br>Overload protections for currents over 0.6A |
| PoE Pinout | IEEE 802.3af/at Standard Mode B<br>Pin 4: DC (+)<br>Pin 5: DC (+)<br>Pin 7: DC (-)<br>Pin 7: DC (-) |
| Power | Input: 100-240V AC, 50/60 Hz<br>Max Power Consumption: 35W |
| LED | Power (Green), Active (Green) |
| Environmental | Operating Temperature: 32° F to 104° F (0° C to 40° C)<br>Storage Temperature: -4° F to 176° F (-20° to 80° C)<br>Operating Humidity: 5% to 90% RH, Non-Condensing |
| Dimensions [H x W x L] | 1.4 x 2.6 x 5.4 in. (36 x 66 x 137 mm) |
| Weight | 0.44 lb. (0.2 kg) |



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# Warranty and Product Registration

**3-Year Limited Warranty**

Tripp Lite warrants its products to be free from defects in materials and workmanship for a period of three (3) years from the date of initial purchase. Tripp Lite's obligation under this warranty is limited to repairing or replacing (at its sole option) any such defective products. To obtain service under this warranty, you must obtain a Returned Material Authorization (RMA) number from Tripp Lite or an authorized Tripp Lite service center. Products must be returned to Tripp Lite or an authorized Tripp Lite service center with transportation charges prepaid and must be accompanied by a brief description of the problem encountered and proof of date and place of purchase. This warranty does not apply to equipment, which has been damaged by accident, negligence or misapplication or has been altered or modified in any way.

EXCEPT AS PROVIDED HEREIN, Tripp Lite MAKES NO WARRANTIES, EXPRESS OR IMPLIED, INCLUDING WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE. Some states do not permit limitation or exclusion of implied warranties; therefore, the aforesaid limitation(s) or exclusion(s) may not apply to the purchaser.

EXCEPT AS PROVIDED ABOVE, IN NO EVENT WILL Tripp Lite BE LIABLE FOR DIRECT, INDIRECT, SPECIAL, INCIDENTAL OR CONSEQUENTIAL DAMAGES ARISING OUT OF THE USE OF THIS PRODUCT, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE. Specifically, Tripp Lite is not liable for any costs, such as lost profits or revenue, loss of equipment, loss of use of equipment, loss of software, loss of data, costs of substitutes, claims by third parties, or otherwise.

**Product Registration**

Visit tripplite.com/warranty today to register your new Tripp Lite product. You'll be automatically entered into a drawing for a chance to win a FREE Tripp Lite product!*

* No purchase necessary. Void where prohibited. Some restrictions apply. See website for details.

**Regulatory Compliance Identification Numbers**

For the purpose of regulatory compliance certifications and identification, your Tripp Lite product has been assigned a unique series number. The series number can be found on the product nameplate label, along with all required approval markings and information. When requesting compliance information for this product, always refer to the series number. The series number should not be confused with the marketing name or model number of the product.

**FCC Notice, Class B**

This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

Note: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

Any changes or modifications to this equipment not expressly approved by Tripp Lite could void the user's authority to operate this equipment.

**WEEE Compliance Information for Tripp Lite Customers and Recyclers (European Union)**



Under the Waste Electrical and Electronic Equipment (WEEE) Directive and implementing regulations, when customers buy new electrical and electronic equipment from Tripp Lite they are entitled to:

- Send old equipment for recycling on a one-for-one, like-for-like basis (this varies depending on the country)
- Send the new equipment back for recycling when this ultimately becomes waste

Use of this equipment in life support applications where failure of this equipment can reasonably be expected to cause the failure of the life support equipment or to significantly affect its safety or effectiveness is not recommended.

Tripp Lite has a policy of continuous improvement. Specifications are subject to change without notice.

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