

**WARRANTY  
REGISTRATION:**  
register online today for a  
chance to win a FREE Tripp Lite  
product—[www.tripplite.com/warranty](http://www.tripplite.com/warranty)

# Owner's Manual

## Line Conditioners

(120V, 60Hz Input/Output)



**Important Safety Instructions**

**2**

**Quick Installation**

**3**

**Basic Operation**

**4**

**Service**

**4**

**Warranty, Warranty Registration & Insurance**

**5**

**Español**

**7**

**Français**

**12**



1111 W. 35th Street, Chicago, IL 60609 USA  
Customer Support: (773) 869-1234 • [www.tripplite.com](http://www.tripplite.com)

Copyright © 2006 Tripp Lite. All rights reserved.



## SAVE THESE INSTRUCTIONS

This manual contains instructions and warnings that should be followed during the installation, operation and storage of all Tripp Lite line conditioners. Failure to heed these warnings will void your warranty.

### Line Conditioner Location Warnings

- Install your line conditioner indoors, away from excess moisture and heat, direct sunlight, and dust and other conductive contaminants.
- For best performance, keep the indoor temperature between 32° F and 104° F (between 0° C and 40° C).
- Leave adequate space around all sides of the line conditioner for proper ventilation.

### Line Conditioner Connection Warnings

- Connect your line conditioner directly to a three-wire, grounded AC power outlet. Do not remove or modify the ground pin of the line conditioner's plug. Do not use adapters that would eliminate the line conditioner's connection to ground.
- Do not use extension cords between the line conditioner and the AC outlet. If necessary, a Tripp Lite surge suppressor may be used between the line conditioner and the AC outlet.
- If you are connecting your line conditioner to a motor-powered AC generator, the generator must provide clean, filtered computer-grade output. Connecting your line conditioner to a generator will void its Ultimate Lifetime Insurance.

### Equipment Connection Warning

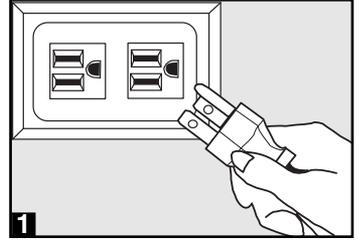
- Do not use Tripp Lite line conditioners for life support applications in which a malfunction or failure of a Tripp Lite line conditioner could cause failure or significantly alter the performance of a life-support device.

### Line Conditioner Maintenance Warning

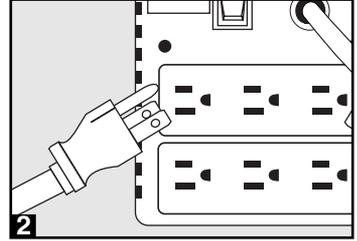
- Tripp Lite line conditioners require no maintenance. Keep the line conditioner dry at all times. DO NOT open the unit for any reason.

## Quick Installation

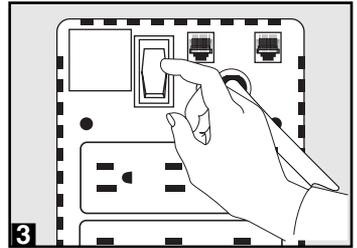
- 1 Connect your line conditioner to an electrical outlet.**



- 2 Plug your computer and electronics into your line conditioner's outlets.**



- 3 Turn your line conditioner's power switch on.**

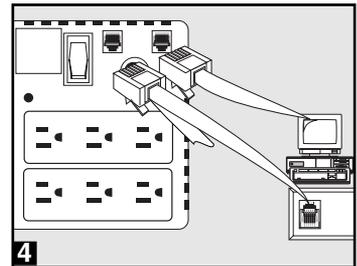


## Quick Installation *optional*

This connection is optional. Your line conditioner will work properly without this connection.

- 4 Modem/Fax Protection (Select Models Only)**

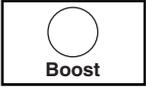
Using telephone cords, connect your wall jack to the line conditioner jack marked "IN" and your equipment to the UPS jack marked "OUT". This will protect your equipment from surges over the phone line, but you should make sure that your equipment is also protected against surges on the AC line.



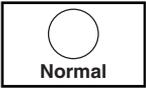
# Basic Operation

## Indicator Lights

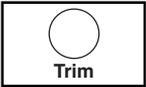
Your line conditioner has 3 indicator lights. All indicator light descriptions apply when the line conditioner is plugged into a wall outlet and turned on.



**BOOST:** This yellow light will turn ON whenever your line conditioner is boosting low AC line voltage up to nominal voltage levels.

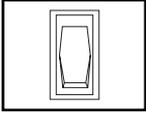


**NORMAL:** This green light will turn ON whenever your line conditioner is receiving normal AC line voltage.



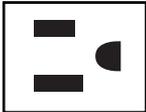
**TRIM:** This yellow light will turn ON whenever your line conditioner is trimming high AC line voltage down to nominal voltage levels.

## Other Line Conditioner Features



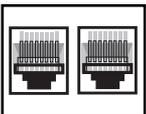
**Lighted Power Switch/Input Breaker:** Flip this switch to ON to activate power at the line conditioner's receptacles. This switch will light up when the line conditioner is plugged in and turned on.

This switch will trip to prevent dangerous input voltage from damaging the line conditioner. If this happens, wait for the line conditioner to cool, then flip the switch back to reset the breaker.



**AC Receptacles:** The NEMA 5-15R receptacles provide your connected equipment with AC line power during normal operation. They adjust incoming voltage to provide equipment with consistent 120V power. These receptacles also protect your equipment against damaging surges and line noise, eliminating the need for external surge suppression.

Note: As the line conditioner corrects high or low input voltage, the unit will make a gentle clicking sound. The frequency of the clicking will depend on the quality of the utility power in your particular area. The clicking is normal, and no action is required on your part.



**Modem/Fax Protection Jacks (Select Models):** These jacks protect your equipment against surges over a telephone line or telephone data line. Connecting your equipment to these jacks is optional. Your line conditioner will work properly without this connection.

## Service

If returning your line conditioner to Tripp Lite or an authorized Tripp Lite service center, please carefully pack the it using the ORIGINAL PACKING MATERIAL that came with the unit. Enclose a letter describing the symptoms of the problem. If the line conditioner is within the 2 year warranty period, enclose a copy of your sales receipt.

# Warranty, Warranty Registration & Insurance

## 2-Year Limited Warranty

TRIPP LITE warrants its products to be free from defects in materials and workmanship for a period of two 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. This warranty applies only to the original purchaser who must have properly registered the product within 10 days of purchase.

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.

## Warranty Registration

Visit [www.tripplite.com/warranty](http://www.tripplite.com/warranty) today to register the warranty for 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.

## Ultimate Lifetime Insurance Policy (This is a limited warranty valid in the U.S. and Canada only.)

Tripp Lite warrants, for the lifetime of the product, (at Tripp Lite's option) to repair or replace (on a pro rata basis) directly connected equipment that is damaged due to power transients while properly connected to Tripp Lite products offering the Ultimate Lifetime Insurance Policy. Power transients include spikes and surges on the AC power, data or telephone lines that the Tripp Lite products have been designed to protect against (as recognized by industry standards). The following four paragraphs are conditions that must be complied with before the warranty becomes valid; failure to comply with these requirements will void the warranty.

**AC Power Line Transients:** To claim damages, the Tripp Lite product must be plugged into a properly wired and grounded outlet. No extension cords or other electrical connections may be used. The installation must comply with all applicable electrical and safety codes set forth by the National Electrical Code (NEC). Except as provided above, this warranty does not cover any damage to properly connected electronic equipment resulting from a cause other than an "AC power transient". If user meets all of the above requirements, Tripp Lite will repair or replace (at Tripp Lite's option) equipment up to the specified value (See Ultimate Lifetime Insurance Policy Limits). No coverage is allowed for damage entering from telephone or data lines, unless they are separately protected, as described below.

**Telephone and Data Line Transients:** Tripp Lite will repair or replace directly connected equipment that is damaged by transients on telephone and/or data lines only when all such paths are protected by a Tripp Lite protection product(s) and the AC power (utility) line is simultaneously protected by a Tripp Lite power protection device (UPS, surge suppressor or line conditioner) with Ultimate Lifetime Insurance coverage. Additional telephone and/or data line connected devices downstream must have their own telephone and/or dataline protectors.

Reimbursement dollar limits will be equal to that of the Tripp Lite power protection protector. Coverage is excluded where a suitable environment for the protection device is not provided, including, but not limited to, lack of a proper safety ground. Telephone service equipment must also include a properly installed and operating "primary protection" device at the telephone service entrance (such devices are normally added during telephone line installation).

All above warranties are null and void if the Tripp Lite product has been improperly installed, tampered with or altered in any way, or if the connected equipment was not used under normal operating conditions or in accordance with any labels or instructions. All claims under this warranty must be submitted in writing to Tripp Lite within 30 days of the occurrence or the claim will not be considered. This warranty does not include damage resulting from accident or misuse, and applies to the domestic (USA & Canada) use of these products only. Tripp Lite reserves the right to determine whether the damage to the connected equipment is due to malfunction of the Tripp Lite product by requesting the equipment in question be sent to Tripp Lite for examination. This policy is above and beyond, only to the extent needed, of that provided by any coverage of connected equipment provided by other sources, including, but not limited to, any manufacturer's warranty and/or any extended warranties.

EXCEPT AS PROVIDED ABOVE, 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 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. Coverage also does not apply to connected medical and industrial equipment.

To receive service under this warranty, you must be the original purchaser/user of the product in question. You must obtain a Returned Material Authorization (RMA) number from Tripp Lite. Products must be returned to Tripp Lite with transportation charges prepaid and must be accompanied by a brief description of the problem encountered and proof of date and place of purchase.

## **FCC PART 68 NOTICE (UNITED STATES ONLY)**

If your Modem/Fax Protection causes harm to the telephone network, the telephone company may temporarily discontinue your service. If possible, they will notify you in advance. If advance notice isn't practical, you will be notified as soon as possible. You will be advised of your right to file a complaint with the FCC. Your telephone company may make changes in its facilities, equipment, operations or procedures that could affect the proper operation of your equipment. If it does, you will be given advance notice to give you an opportunity to maintain uninterrupted service. If you experience trouble with this equipment's Modem/Fax Protection, please call Tripp Lite Technical Support at (773) 869-1234 for repair/warranty information. The telephone company may ask you to disconnect this equipment from the network until the problem has been corrected or you are sure the equipment is not malfunctioning. There are no repairs that can be made by the customer to the Modem/Fax Protection. This equipment may not be used on coin service provided by the telephone company. Connection to party lines is subject to state tariffs. (Contact your state public utility commission or corporation commission for information.)

## **EQUIPMENT ATTACHMENT LIMITATIONS (MODELS WITH THE INDUSTRY CANADA LABEL IN CANADA ONLY):**

Notice: The Industry Canada label identifies certified equipment. This certification means that the equipment meets the telecommunications network protective, operational and safety requirements as prescribed in the appropriate Terminal Equipment Technical Requirements Document(s). The Department does not guarantee the equipment will operate to the user's satisfaction. Before installing this equipment, users should ensure that it is permissible to be connected to the facilities of the local telecommunications company. The equipment must also be installed using an acceptable method of connection. The customer should be aware that the compliance with the above conditions might not prevent degradation of service in some situations.

**Repairs to certified equipment should be coordinated by a representative designated by the supplier. Any repairs or alterations made by the user to this equipment, or equipment malfunctions, may give the telecommunications company cause to request the user to disconnect the equipment.**

Users should ensure for their own protection that the electrical ground connections of the power utility, telephone lines and internal metallic water pipe system, if present, are connected together. This precaution may be particularly important in rural areas. Caution: Users should not attempt to make connections themselves, but should contact the appropriate electric inspection authority, or electrician, as appropriate.

## **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 marking name or model number of the product.

Tripp Lite follows a policy of continuous improvement. Product specifications are subject to change without notice.



1111 W. 35th Street, Chicago, IL 60609 USA  
773.869.1234 (USA) • 773.869.1212 (International)  
[www.triplite.com](http://www.triplite.com)