



1111 W. 35th Street  
Chicago, IL 60609 USA  
Customer Support: (773) 869-1234  
www.1triplite.com

## Owner's Manual

- EURO-4
- ISOBAR 4/220
- CCIEURO

Isobar® Surge Suppressors (220/240V)

Isobar Surge Suppressors protect attached equipment against potential damage from spikes, surges and noise interference on the AC line. All models feature durable metal cabinets. EURO-4 and ISOBAR 4/220 models feature isolated filter banks which eliminate interference between connected equipment. CCIEURO models are designed to be located between a computer and monitor for easy access to front panel switches.

## **INSTALLATION**

### **STEP 1) Using the supplied power cord, connect the surge suppressor to a grounded three-conductor 220/240 Volt, 50 or 60 Hz AC wall outlet.**

Note: The Isobar 4/220 is designed for 230V operation, but may also be used for 120V operation (at reduced suppression levels). However, it is the user's responsibility, to avoid equipment damage, to be sure the voltage rating of connected equipment matches the voltage delivered at their AC wall outlet. Select surge suppressor models feature a detachable power cord; exchange the power cord from these models with a detachable power cord from your equipment (from a computer for example) with a plug type that matches your wall outlet.

**CAUTION!** Do not connect the surge suppressor to a UPS system's output receptacles. All cords, adapters or wall outlets must have a ground pin or connection. Lack of a proper ground connection will eliminate common mode protection.

### **STEP 2) Connect your equipment (either 2- or 3-wire) to the surge suppressor's output receptacles.**

Note: If your equipment's plugs do not match the surge suppressor's receptacles, use an IEC-320 jumper cord (supplied with some models) or use a Universal Plug Adapter (available separately in a variety of plug configurations from 1.Tripp.Lite).

**CAUTION!** Do not connect equipment with a total amperage rating higher than the amperage rating of the surge suppressor's circuit breaker (see Specifications on back). If the amperage rating is exceeded, the circuit breaker will trip. Remove overload; wait 1 minute; and press circuit breaker to reset.

### **STEP 3) Turn on the surge suppressor's power switch.**

Note: Select models feature switches that illuminate in the "ON" position. Turn on the individual front panel switches on the CCIEURO to control corresponding outlets on the rear of the unit. If the CCIEURO's green "Protection Present" light fails to illuminate, the first level of surge protection is inoperative, although protection still exists at an adequate level. If this occurs, return the CCIEURO for service.

**WARNING!** Do not drill into or open any part of the surge suppressor. There are dangerous voltages present inside the unit. There are no user-serviceable parts inside the unit.

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# SPECIFICATIONS

	EURO-4	ISOBAR 4/220	CCIEURO
Input Voltage:	220 - 240 VAC	220 - 240 VAC	220 - 240 VAC
Input Frequency:	50/60 Hz.	50/60 Hz.	50/60 Hz.
Circuit Breaker Amperage Rating:	10 amp	10 amp	10 amp
AC Receptacles:	4 IEC-320	4 NEMA 5-15R	5 IEC-320
AC Power Cord:	2 m, detachable	2 m, fixed	2 m, detachable
Plug Type:	IEC-320	NEMA 5-15P	IEC-320
Surge Suppression Rating:	620 joules	1020 joules	340 joules
Transient Response Time:	Instantaneous	Instantaneous	Instantaneous
Line Noise Suppression Rating:	> 60 dB @ 1 MHz	> 75 dB @ 1 MHz	> 60 dB @ 1 MHz
Approvals:	CE, TUV	-	CE

\* Three-conductor grounded.  
 \*\* Transient amplitude reduction occurs faster than the clamp response of the varistors because of the high rejection rate of the Isobar filter network.

# LIFETIME LIMITED WARRANTY

TRIPP LITE warrants its products to be free from defects in materials and workmanship for the life of the product. 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.

The warranties of all TRIPP LITE surge suppressors are null and void if they have been connected to the output of any UPS system. The warranties of all TRIPP LITE UPS Systems are null and void if a surge suppressor has been connected to its output receptacles.

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The policy of TRIPP LITE is one of continuous improvement. Specifications are subject to change without notice.

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