

Quick Start Guide

Digital Signage In-Line HDMI Surge Protector

Model: B110-SP-HDMI

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

Ce guide est disponible en français sur le site Web de Tripp Lite :
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WARRANTY REGISTRATION

Register your product today and be automatically entered to win an ISOBAR surge protector in our monthly drawing!



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Package Contents

- B110-SP-HDMI In-Line Surge Protector
- Grounding Wire, 12 in.
- Mounting Screws (x2)
- Screw Anchors (x2)
- Grounding Wire Screw
- Quick Start Guide

Product Features

- Protects an HDMI input and output against Electrostatic Discharge (ESD), lightning surges and cable discharge events
- Meets IEC regulations:
 - o IEC 61000-4-2 (ESD) +/- 15kV(air), +/- 8kV(contact)
 - o IEC 61000-4-4 (EFT) 40A (5/50ns)
 - o IEC 61000-4-5 (Lightning) 5A (8/20 μ s)
- Lightning Protection reaction speed: < 1ns
- Solid-state silicon-avalanche technology
- Low TMDs loss
- Supports UHD resolutions up to 4K x 2K @ 30 Hz
- HDMI 1.4 and HDCP-compliant
- Easy in-line installation with integrated mounting ears
- Passive by design – no external power required

Installation

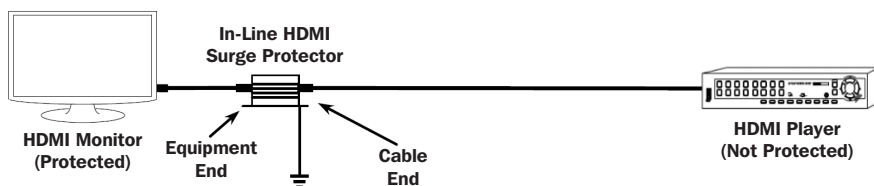
Note: The following instructions assume that two HDMI devices are currently connected together.

Single Device Protection:

1. Disconnect the installed HDMI cable from the device you wish to protect and attach this cable to the “Cable End” of the In-Line HDMI Surge Protector.
2. With a user-supplied HDMI cable, connect the device to be protected to the “Equipment End” of the In-Line HDMI Surge Protector.

Note: For maximum protection, the HDMI cable between the “Equipment End” of the In-Line HDMI Surge Protector and the HDMI equipment to be protected should not exceed 3 ft. (0.9 m). Tripp Lite P568-003-Series High-Speed HDMI cables are recommended.

3. Connect the ground wire to either end of the In-Line HDMI Surge Protector and then to earth ground.



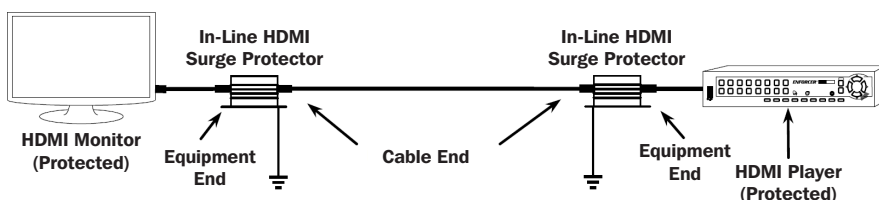
Package Contents

Multiple Device Protection:

1. Disconnect the installed HDMI cable from both devices you wish to protect.
2. Connect the In-Line HDMI Surge Protector to each end of the previously uninstalled HDMI cable, ensuring both ends of the HDMI cable are connected to the “Cable End” of the In-Line HDMI Surge Protector.
3. With user-supplied HDMI cables, connect the “Equipment End” of each In-Line HDMI Surge Protector to the HDMI devices you wish to protect.

Note: For maximum protection, the HDMI cable between the “Equipment End” of the In-Line HDMI Surge Protector and the HDMI equipment to be protected should not exceed 3 ft. (0.9 m). Tripp Lite P568-003-Series High-Speed HDMI cables are recommended.

4. Connect the ground wire to either end of each In-Line HDMI Surge Protector and then to earth ground.



Specifications

Input / Output Connectors	HDMI Type-A (Female)
ESD Protection	15kV (Air), 8kV (Contact)
EFT Protection	40A (5/50ns)
Lightning Protection	5A (8/20 μ s)
Lightning Protection Reaction Speed	<1ns
Operating Temp	32°F to 131°F (0°C to 55°C)
Maximum Video Resolution	4K x 2K @ 30 Hz
HDMI	1.4
HDCP	Pass through (up to 2.2)
Dimensions	1 x 1 x 2.3 in. (25.4 x 25.4 x 58.3 mm)
Weight	0.08 lb. (35g)

Warranty and Product Registration

2-YEAR LIMITED WARRANTY

TRIPP LITE warrants its products to be free from defects in materials and workmanship for a period of two (2) 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.

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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. Photos and illustrations may differ slightly from actual products.



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