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Owner's Manual

HDMI Splitters

Models: B118-002, B118-004

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Product Features

- Supports video resolutions up to 1080p, at 36-bit Deep Color (12-bits per channel)
- Supports DTS-HD, Dolby True HD and 7.1 Channel Surround Sound audio
- Supports High-Speed HDMI and 3D
- HDCP and EDID compatible
- Expand the number of connected displays by cascading multiple splitters together
- Plug and play; no software or drivers required

Package Contents

- B118-002 or B118-004 HDMI Splitter
- External Power Supply (Input: 100-240V, 50/60Hz, 0.5A Output: 5V, 1.2A)
- Owner's Manual

Optional Accessories:

- P566-Series HDMI to DVI Adapter Cables*
- P568-Series High-Speed HDMI Cables

**When using a HDMI to DVI adapter cable, only the video signal will be transmitted to the DVI monitor.*

Standard Installation Instructions

Note: The maximum distances referenced in these instructions have been tested at a video resolution of 1080p (60Hz) with 36-bit (12-bits per channel) Deep Color using 28AWG HDMI cables. Longer distances between the splitter and connected monitors are achievable using 24AWG HDMI cables and/or a source that is set to display a lower video resolution.

- 1** Make sure that the power to all devices that you will be connecting is turned off.
- 2** Connect the HDMI source to the Input port on the splitter.
Note: The length of the HDMI cable connecting the source to the splitter must not exceed 13 ft. (4 m).
- 3** Connect an available Output port on the splitter to the HDMI input port of your display.
Note: The length of the HDMI cable connecting the splitter to the display must not exceed 16 ft. (5 m).
- 4** Repeat step 3 for the remaining Output ports on the splitter.
- 5** Connect the included power supply to the splitter, and then plug it into a Tripp Lite Surge Suppressor, Power Distribution Unit (PDU), or Uninterruptible Power Supply (UPS).
- 6** Turn on the power to the HDMI source and displays.

Cascaded Installation Instructions

Note: The maximum distances referenced in these instructions have been tested at a video resolution of 1080p (60Hz) with 36-bit (12-bits per channel) Deep Color using 28AWG HDMI cables. Longer distances between the splitter and connected monitors are achievable using 24AWG HDMI cables and/or a source that is set to display a lower video resolution.

- 1** Make sure that the power to all devices that you will be connecting is turned off.
- 2** Connect the HDMI source to the Input port on the first level splitter.
Note: The length of the HDMI cable connecting the source to the splitter must not exceed 13 ft. (4 m).
- 3** Connect an available Output port on the first level splitter to the HDMI input port on a second level splitter.
Note: The length of the HDMI cable connecting the first and second level splitters must not exceed 16 ft. (5 m).
- 4** Repeat step 3 for each additional splitter that you wish to add, adding no more than 6 levels of splitters.
- 5** Connect an available Output port to the HDMI input port of your display.
Note: The length of the HDMI cable connecting the splitter to the display must not exceed 16 ft. (5 m).
- 6** Repeat step 5 for the remaining Output ports in the installation.
- 7** Connect the included power supply to each splitter, and then plug it into a Tripp Lite Surge Suppressor, Power Distribution Unit (PDU), or Uninterruptible Power Supply (UPS).
- 8** Turn on the power to the HDMI source and displays.

Troubleshooting

If you are unable to get an acceptable image after following the installation instructions, try the troubleshooting tips below.

- 1** Press the reset button on the front of the splitter to reset the signal being sent to the connected displays.
- 2** Is the external power supply that came with the product connected and plugged into a working power source? For the product to function properly, it must be connected to and receiving power from the external power supply.
- 3** Was the power to the connected devices turned off prior to installation? If not, restart them.
- 4** What resolution are you trying to reach? Tripp Lite's HDMI splitters are tested to support up to 1080p @ 60Hz video resolution, at 36-bit (12-bits per channel) Deep Color.
- 5** What length HDMI cable are you using? (See the Installation section in this manual for details on the maximum cable distance). The shorter the cable being used, the higher the resolution you will be able to obtain. If you are not able to get an acceptable image, try using a shorter cable, or lowering your source's video resolution, or color depth settings.
- 6** What type of cabling are you using? Inferior cabling can result in poor performance, so it is important that you use cables that can support the video resolution you are trying to obtain. It is recommended that you use Tripp Lite's P568-Series High-Speed HDMI cables, as they have been tested to work with the B118-Series splitters.
- 7** Test your cables to ensure they are working properly. For example, connect your HDMI cable between a source and monitor that you know works to see if the cable is functioning.
- 8** Is the unit located in an area that exposes it to higher temperatures? If the product is overheated, it will not function properly.

Warranty & Warranty Registration

1-Year Limited Warranty

TRIPP LITE warrants its products to be free from defects in materials and workmanship for a period of one (1) year 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.

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.

WARRANTY REGISTRATION

Visit 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.

Warranty & Warranty Registration

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

WARNING

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. Do not use this equipment in the presence of a flammable anesthetic mixture with air, oxygen or nitrous oxide.

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



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