

Owner's Manual

4Kx2K UHD HDMI Switch

Models: B119-002-UHD (2-Port),
B119-004-UHD (4-Port)



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Product Features

- Switch between multiple HDMI source devices connected to a single HDMI port on a monitor
- Switch devices via pushbutton or the included remote control
- Intelligent Auto Switching functionality will automatically switch to the next powered-on device when the power to the current device is turned off*
- Supports 4Kx2K Ultra High Definition (UHD) video resolutions up to 3840 x 2160 @ 60Hz
- Supports up to 48-bit Deep Color (16-bits per channel)
- Supports DTS-HD, Dolby® TrueHD and 7.1 channel surround sound audio
- 3D, HDCP v2.2 and EDID compatible
- Plug and play; no software or drivers required

**Auto switching will not work properly if you have a device that is in sleep mode. Devices must be powered off completely for auto switch to work properly.*

Package Contents

- B119-002-UHD or B119-004-UHD
- Remote Control
- External Power Supply
(Input: 100-240V, 50/60Hz, 0.4A;
Output: 5V, 2A)
- Owner's Manual

Optional Accessories

- P568-Series High Speed HDMI Cables

Installation

1. Make sure the power to all devices that you will be connecting is turned off.

2. Connect an HDMI source device to an *Input* port on the switch.

Note: *The length of the HDMI cable connecting the source to the switch must not exceed 16 ft. (5 m).*

3. Repeat step 2 to connect source devices to the remaining *Input* ports on the switch.

4. Connect the *Output* port on the switch to the HDMI input port of your display.

Note: *The length of the HDMI cable connecting the switch to the display must not exceed 16 ft. (5 m).*

5. Connect the external power supply to the switch, and then plug it into a Tripp Lite Surge Protector, Uninterruptible Power Supply (UPS), or Power Distribution Unit (PDU). The red Power LED and green Input 1 LED will illuminate to indicate that power is being received.

6. Turn on the power to the HDMI source devices and display.

Installation

7. Switch between source devices via the *Select* pushbutton on the unit or the included remote control. You can also let the Auto Switch functionality automatically switch to ports that are powered on. When multiple ports have powered on devices connected to them, the lowest numbered port will be switched to. Once the device connected to the lowest numbered port is powered off, the next powered on port in line will be switched to.

Troubleshooting

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

1. Is the external power supply that came with the product connected and plugged into a working power source? For the product to function properly, the switch must be connected to and receiving power from an external power supply.

2. Was the power to the connected devices turned off prior to installation? If not, restart them.

3. What resolution are you trying to reach? Tripp Lite's B119-002-UHD and B119-004-UHD are tested to support 4Kx2K Ultra High Definition (UHD) video resolutions up to 3840 x 2160 @ 60Hz, and 48-bit (16-bits per channel) Deep Color.

4. 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.
(continued)

Troubleshooting

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.

5. 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 B119-002-UHD and B119-004-UHD.

6. 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.

7. Is the unit located in an area that exposes it to higher temperatures? If the product is overheated, it will not function properly.

Specifications

Model	B119-002-UHD	B119-004-UHD
Connectors		
Input	(x2) HDMI Female	(x4) HDMI Female
Output	HDMI Female	HDMI Female
Video		
Maximum Resolution	3840 x 2160 (60Hz)	3840 x 2160 (60Hz)
Color Depth	48-bit Deep Color (16-bits per channel)	48-bit Deep Color (16-bits per channel)
Video Amplifier Bandwidth	6Gbps / 600Mhz	6Gbps / 600Mhz
Environmental		
Operating Temperature	32 to 104°F (0 to 40°C)	32 to 104°F (0 to 40°C)
Operating Humidity	10% to 85% RH, Non-Condensing	10% to 85% RH, Non-Condensing
Storage Temperature	14 to 176°F (-10 to 80°C)	14 to 176°F (-10 to 80°C)
Storage Humidity	5% to 90% RH, Non-Condensing	5% to 90% RH, Non-Condensing
Physical		
Unit Dimensions (HxWxD, in.)	0.8 x 3.1 x 2.0	0.8 x 4.8 x 2.0
Unit Dimensions (HxWxD, mm)	20 x 80 x 51	20 x 123 x 51
Unit Weight (lbs.)	0.23	0.33
Unit Weight (kg)	0.1062	0.15
Power Requirements		
External Power Supply	5V/2A	5V/2A
Power Consumption (Max)	2W	2W

Warranty and Product 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.

Warranty and Product Registration

PRODUCT REGISTRATION

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.

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

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

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