

## HDMI Switches with Remote Control, 4K @ 60 Hz

Models:  
B119-002-UHD  
B119-004-UHD  
B119-005-UHD



Purchased product may differ from image.

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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 video resolutions up to 4K @ 60 Hz (4:4:4)
- Supports up to 48-bit Deep Color (16 bits per channel)
- Up to 18 Gbps data rate
- Supports DTS-HD, Dolby® TrueHD and 7.1 channel surround sound audio
- 3D, HDCP v2.2 and EDID compatible
- Includes an international power supply with compatible North American, U.K., European and Australian plug adapters.

## Product Features

- 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, B119-004-UHD or B119-005-UHD
- Remote Control
- External Power Supply  
(Input: 100-240V, 50/60 Hz, 0.3A;  
Output: 5V 1A)\*
- Owner's Manual

*\*Includes NEMA 1-15P (North America), CEE 7/16 Schuko (Europe), BS 1363 (U.K.) and AS/NZS 3112 (Australia) plugs.*

## Optional Accessories

- P569-XXX-CERT Premium High-Speed HDMI with Ethernet 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).*

## Installation

5. Connect the external power supply to the switch, and then plug it into a 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.
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?** B119-002-UHD, B119-004-UHD and B119-005-UHD are tested to support 4K x 2K Ultra High Definition (UHD) video resolutions up to 4K @ 60 Hz, and 48-bit Deep Color (16 bits per channel).

**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. For optimal results, use P569-Series High Speed HDMI cables. They have been tested to work with the B119-002-UHD, B119-004-UHD and B119-005-UHD switches.

### **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                            | B119-005-UHD                            |
|------------------------------|---|---|---|
| <b>Connectors</b>            |   |   |   |
| Input                        | (x2) HDMI Female                        | (x4) HDMI Female                        | (x5) HDMI Female                        |
| Output                       | HDMI Female                             | HDMI Female                             | HDMI Female                             |
| <b>Video</b>                 |   |   |   |
| Maximum Resolution           | 4K @ 60 Hz (4:4:4)                      | 4K @ 60 Hz (4:4:4)                      | 4K @ 60 Hz (4:4:4)                      |
| Color Depth                  | 48-bit Deep Color (16 bits per channel) | 48-bit Deep Color (16 bits per channel) | 48-bit Deep Color (16 bits per channel) |
| Video Amplifier Bandwidth    | 6Gbps / 600Mhz                          | 6Gbps / 600Mhz                          | 6Gbps / 600Mhz                          |
| <b>Environmental</b>         |   |   |   |
| Operating Temperature        | 32°F to 104°F (0°C to 40°C)             | 32°F to 104°F (0°C to 40°C)             | 32°F to 104°F (0°C to 40°C)             |
| Operating Humidity           | 10% to 85% RH, Non-Condensing           | 10% to 85% RH, Non-Condensing           | 10% to 85% RH, Non-Condensing           |
| Storage Temperature          | 14°F to 176°F (-10°C to 80°C)           | 14°F to 176°F (-10°C to 80°C)           | 14°F to 176°F (-10°C to 80°C)           |
| Storage Humidity             | 5% to 90% RH, Non-Condensing            | 5% to 90% RH, Non-Condensing            | 5% to 90% RH, Non-Condensing            |
| <b>Physical</b>              |   |   |   |
| Unit Dimensions (HxWxD, in.) | 0.8 x 3.1 x 2.0                         | 0.8 x 4.8 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                           | 20 x 123 x 51                           |
| Unit Weight (lb.)            | 0.23                                    | 0.33                                    | 0.33                                    |
| Unit Weight (kg)             | 0.1062                                  | 0.15                                    | 0.15                                    |
| <b>Power Requirements</b>    |   |   |   |
| External Power Supply        | 5V/1A                                   | 5V/1A                                   | 5V/1A                                   |
| Power Consumption (Max)      | 2W                                      | 2W                                      | 2.5W                                    |



# Warranty

## **3-YEAR LIMITED WARRANTY**

We warrant our products to be free from defects in materials and workmanship for a period of three (3) years from the date of initial purchase. Our obligation under this warranty is limited to repairing or replacing (at its sole option) any such defective products. Visit [TrippLite.com/support/product-returns](http://TrippLite.com/support/product-returns) before sending any equipment back for repair. 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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# Warranty

## WEEE Compliance Information for 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 Eaton, 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.

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





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