

# Owner's Manual

## Compact 4K x 2K UHD HDMI Switch, 3-Port

Model: B119-003-UHD-MN

Este manual esta disponible en español en la página de Tripp Lite: [www.tripplite.com/support](http://www.tripplite.com/support)

Ce manuel est disponible en français sur le site Web de Tripp Lite : [www.tripplite.com/support](http://www.tripplite.com/support)

Русскоязычная версия настоящего руководства представлена на веб-сайте компании Tripp Lite по адресу: [www.tripplite.com/support](http://www.tripplite.com/support)

### WARRANTY REGISTRATION

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

[www.tripplite.com/warranty](http://www.tripplite.com/warranty)



1111 W. 35th Street, Chicago, IL 60609 USA  
[www.tripplite.com/support](http://www.tripplite.com/support)

Copyright © 2019 Tripp Lite. All rights reserved.

## Table of Contents

Package Contents .....	2
Optional Accessories .....	2
Product Features .....	3
Installation Instructions.....	4
Troubleshooting .....	6
Specifications.....	8
Warranty and Product Registration .....	9

## Package Contents

- B119-003-UHD-MN Compact 4K x 2K UHD HDMI Switch
- Remote Control
- IR Extender Receiver
- Owner's Manual

## Optional Accessories

- P568-Series High-Speed HDMI Cables

## Product Features

- Switch between three HDMI source devices connected to a single port on a monitor
- Switch devices via pushbutton or the included remote control
- Intelligent Auto Switching functionality automatically switches to the next powered-on device when the power to the current device is turned off\*
- Included IR Extender Receiver allows you to place the switch discreetly out of view while maintaining IR remote control
- Supports 4K x 2K Ultra High Definition (UHD) video resolutions up to 3840 x 2160 @ 24 Hz or 30 Hz
- 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 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.*

## Installation Instructions

1. Make sure the power to all devices that you will be connecting is turned off.
2. **Optional:** If you wish to extend the range of the included remote control, connect the included IR Extender Receiver to the IR port on the switch. Locate the receiver unit in an area that allows for a direct line of sight between it and the remote.
3. 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).*
4. Repeat step 3 to connect source devices to the remaining Input ports on the switch.
5. 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).*
6. Turn on the power to the HDMI source devices and display.

## Installation Instructions

7. Switch between source devices via the Select pushbutton on top of 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 B119-003-UHD-MN will switch to the lowest numbered port. Once the device connected to the lowest numbered port is powered off, the B119-003-UHD-MN will switch to the next powered-on port in line.

## Troubleshooting

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

- 1. Most HDMI source devices are able to provide the necessary power for the operation of the HDMI switch. However, in some situations, the power supply of the HDMI source device is insufficient, and additional power is required. In those situations, a 5V 2A DC power supply (not included) using a 3.5 x 1.35 mm output plug with a positive tip and negative sleeve can be used.**
- 2. Was the power to the connected devices turned off prior to installation?** If not, restart them.
- 3. Was the IR Extender Receiver connected after powering on the connected devices?** If so, power the connected devices off and restart them.
- 4. What resolution are you trying to reach?** The B119-003-UHD-MN is tested to support 4K x 2K Ultra High Definition (UHD) video resolutions up to 3840 x 2160 @ 24 Hz or 30 Hz and 48-bit (16 bits per channel) Deep Color.

## Troubleshooting

- 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 P569-Series High-Speed HDMI cables, as they have been tested to work with the B119-003-UHD-MN.
- 7. Test your cables to ensure they are working properly.** For example, connect your HDMI cable between a source and a monitor that you know work 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.

## Specifications

<b>Connectors</b>	
Input	(x3) HDMI Female
Output	HDMI Female
<b>Video</b>	
Maximum Resolution	3840 x 2160 (24 Hz or 30 Hz)
Color Depth	48-bit Deep Color (16 bits per channel)
Video Amplifier Bandwidth	3.4 Gbps / 340 Mhz
<b>Environmental</b>	
Operating Temperature	32° to 113° F (0° to 45° C)
Operating Humidity	10% to 85% RH, Non-Condensing
Storage Temperature	14° to 176° F (-10° to 80° C)
Storage Humidity	5% to 90% RH, Non-Condensing
<b>Physical</b>	
Unit Dimensions (H x W x D)	0.7 x 3.2 x 2.3 in.
Unit Dimensions (H x W x D)	18 x 80 x 58 mm
Unit Weight	1.9 oz.
Unit Weight	55 g
<b>Power Requirements</b>	
External Power Supply	Not included*
Power Consumption (Max)	1 W

*\* Most HDMI source devices are able to provide the necessary power for the operation of the HDMI switch. However, in some situations, the power supply of the HDMI source device is insufficient and additional power is required. In those situations, a 5V 2A DC power supply (not included) using a 3.5 x 1.35 mm output plug with a positive tip and negative sleeve can be used.*

## Warranty and Product Registration

### 3-Year Limited Warranty

TRIPP LITE warrants its products to be free from defects in materials and workmanship for a period of three (3) 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.

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

Visit [www.triplite.com/warranty](http://www.triplite.com/warranty) today to 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.

### FCC Notice, Class A

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 A digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference when the equipment is operated in a commercial environment. This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instruction manual, may cause harmful interference to radio communications. Operation of this equipment in a residential area is likely to cause harmful interference in which case the user will be required to correct the interference at his own expense. The user must use shielded cables and connectors with this equipment. Any changes or modifications to this equipment not expressly approved by Tripp Lite could void the user's authority to operate this equipment.

## Warranty and Product 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

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



**1111 W. 35th Street, Chicago, IL 60609 USA**  
**[www.tripplite.com/support](http://www.tripplite.com/support)**