

4x2 HDMI Matrix Switch with Multi-Viewer - 4K, HDR, 4:4:4, RS-232, Remote Control

MODEL NUMBER: B119-4X2-MV



Shares 4K video from up to 4 HDMI sources in various configurations to 2 HDMI displays.

Features

HDMI Quad-Screen Multi-Viewer Connects 4 Audio/Video Sources to 2 HDMI Displays

This matrix switch/splitter features four HDMI inputs and two HDMI outputs. This allows you to connect as many as four 4K video sources, such as laptops, Blu-ray players, video game systems, Roku boxes, media servers or cable/satellite boxes, and transmit them to two 4K televisions, projectors or monitors. The B119-4X2-MV is recommended for home theaters (transmit to HDTVs located in different rooms) or digital signage applications in showrooms, restaurants, trade shows, schools, training rooms and retail settings.

Enjoy Great Flexibility in Transmitting Video to Different Displays or Even Different Rooms

Send the same video image to both displays or transmit different videos to different displays and switch between them. Convenient push buttons on the front of the unit let you instantly choose which sources and displays to highlight. You can also use the included IR remote control or RS-232 serial commands.

Choose from Quad, Dual, Full-Screen or Picture-in-Picture at the Click of a Button

In addition to displaying all four video feeds simultaneously in Quad Mode, you can watch video from two source devices using Dual Mode (side by side or up/down) or just one in Full-Screen Mode. Picture-in-Picture (PIP) lets you choose a specific video feed in both the main display and a small window in one of four corners.

Transmits Crystal-Clear 4K Video with HDR and 4:4:4 Color

The B119-4X2-MV supports Ultra HD 4K resolutions up to 3840 x 2160 at 30 Hz. High Dynamic Range (HDR) provides a wide spectrum of vibrant colors with richer contrast, brighter whites and deeper blacks that pop on your 4K display. HDCP 1.4 encryption allows you to stream 4K content with no loss in resolution. This matrix switch also supports uncompressed 4:4:4 chroma subsampling for top-level PC gaming or using your HDTV as a PC monitor.

Multi-Resolution Support Allows Mixing and Matching of Displays of Different Resolutions

Say you have a brand new 4K (at 30 Hz) HDTV in the living room, but want to also connect one or more HDMI source device to the older 1080p TV in the bedroom. The B119-4X2-MV is compatible with both resolutions via automatic switching. This matrix switch allows each connected monitor to display video at its maximum resolution.

Ready to Use Right from the Package, So You Can Plug and Play Immediately

The compact plug-and-play switch requires no software or drivers to download and install. Connect your devices to the HDMI ports with user-supplied HDMI cables (such as the P568-Series), and plug the

Highlights

- Can display video from one, two or all four HDMI sources at the same time
- Transmits UHD resolutions up to 4K @ 30 Hz (4:4:4) for heightened video quality
- Supports High Dynamic Range (HDR) for rich contrast and expanded color accuracy
- Switches between sources via push buttons, included remote control or RS-232 serial
- Plug-and-play operation with no software required for easy, immediate installation

System Requirements

- Source devices with HDMI output (media server, Blu-ray player, satellite/cable box)
- Display devices with HDMI input (HDTV, projector, monitor)

Package Includes

- B119-4X2-MV 4x2 HDMI Matrix Switch
- USB-A to Micro-USB data cable (M/M), 3 ft.
- Remote control
- External power supply w/4 ft. cord (Input: 100–240V, 50/60 Hz, 0.2A; Output: 5V 1A)
- (4) International plug adapters (AS/NZS 3112 Australia, BS 1363 UK, CEE 7/7 Schuko, NEMA 1-15P North America)
- Mounting hardware
- (4) Rubber feet
- User documentation

included external power supply (with four international plug adapters to ensure use all over the world) into an AC power source to get started. Use the included hardware to mount the unit on a pole, wall or 19-inch rack.

Specifications

OVERVIEW	
UPC Code	037332293657
Product Type	Multi-Viewer
Device Compatibility	Monitor/HDTV
Technology	HDMI
Host Connector	HDMI (FEMALE)
VIDEO	
Video Input	HDMI (FEMALE)
Video Output	HDMI (FEMALE)
Number of Monitors Supported	2
Video Ports	(2) HDMI (FEMALE)
Video Ports Details	HDMI 1.4; HDCP 1.3; HDCP 1.4
Resolutions Supported	Supported resolutions to connected displays include: 720p@50Hz / 720p@60Hz / 1080p@24Hz / 1080p@25Hz / 1080p@30Hz / 1080p@50Hz / 1080p@60Hz /3840X2160 @ 24Hz / 3840X2160@25Hz / 3840X2160@30Hz
Max Supported Video Resolution	3840 x 2160 (4K) @ 30Hz
Max Supported Color Depth	36-bit Deep Color
HDR Support	Yes
3D Video Supported	No
Chroma Sub Sampling	4:2:2; 4:4:4
AUDIO	
Audio Ports	3.5MM (FEMALE); (2) HDMI (FEMALE); TOSLINK (FEMALE)
Audio Ports Details	Able to manually route audio output through two HDMI outputs, 3.5mm stereo audio port or TOSLINK port with support for LPCM/AC3/DTS digital audio formats
Audio Input	HDMI
Audio Output	3.5mm; HDMI; Toslink
Audio Specification	DIGITAL: LPCM/ AC3/DTS
INPUT	
AC Power Adapter Plug(s)	AS/NZS 3112 Australia; BS 1363 UK; CEE 7/7 Schuko; NEMA 1-15P North America
AC Power Adapter Input Specs (V / Hz / A)	100-240V / 50/60Hz / 0.20A



Powering Business Worldwide

TRIPP LITE
SERIES

AC Power Adapter Output Specs (V / A)	5V / 1A
AC Power Adapter Cord Length (ft.)	3.93
AC Power Adapter Cord Length (m)	1.2
Voltage Compatibility (VAC)	100; 110; 125; 127; 200; 208; 220; 230; 240
Input Frequency	50/60Hz
Redundancy - Dual Power Inputs	No
Bus Powered	No
Power Source	AC Adapter
OUTPUT	
Frequency Compatibility	50 / 60 Hz
POWER	
Power Source Type	AC Adapter
AC Plug Type	AS/NZS 3112; BS1363; CEE 7/16 Schuko; NEMA 1-15P
Power Over Cable (PoC) Support	No
AC Adapter	Input: 100-240V / 50/60Hz / 0.2A; Output: 5V 1A, 4 ft
Device Power Plug Type	AS/NZS 3112; BS1363; CEE 7/16 Schuko; NEMA 1-15P
DC Barrel Plug	OD: 5.5 x 2.1 x 10mm, Positive Pin, Negative Sleeve
CONNECTIONS	
Number of Ports	9
Side A - Connector 1	(4) HDMI (FEMALE)
Side B - Connector 1	(2) HDMI (FEMALE)
Connector Plating	Nickel
Contact Plating	Gold
Input x Output	4 x 2
USER INTERFACE, ALERTS & CONTROLS	
LED Indicators	(x1) Power (Blue), (x4) Output A 1-4 (Blue), (x4) Output A 1-4 (Blue)
PHYSICAL	
Color	Black
Material of Construction	ABS + IRON
Form Factor/Mounting Options	Box
Rackmountable	No
Shipping Dimensions (hwd / in.)	2.17 x 11.50 x 9.37



Powering Business Worldwide

TRIPP LITE
SERIES

Shipping Dimensions (hwd / cm)	5.51 x 29.21 x 23.80
Shipping Weight (lbs.)	2.03
Shipping Weight (kg)	0.92
Unit Dimensions (hwd / in.)	0.700 x 8.500 x 3.600
ENVIRONMENTAL	
Operating Temperature Range	32° to 158°F (0° to 70°C)
Storage Temperature Range	14° to 176°F (-10° to 80°C)
Operating Humidity Range	10 to 85% RH Non-Condensing
Storage Humidity Range	5 to 90% RH Non-Condensing
COMMUNICATIONS	
Port Control	Push Buttons, Remote Control or RS-232 Serial
EDID Compatible	No
IR Remote Extension Support	No
RS-232 Serial Extension Support	No
Consumer Electronics Control (CEC) Supported	No
FEATURES & SPECIFICATIONS	
10/100 Ethernet Extension Support	No
Integrated/Removable Cable	No
MST Support	No
Mounting Accessory Included	No
Multi-Resolution Support	No
HDCP Specification	1.4
Driver Required	No
DIN Mountable	No
STANDARDS & COMPLIANCE	
Product Certifications	CAN/CSA-C22.2 No. 62368-1 (Canada); EN 55032; EN 55035; UL 62368-1
Product Compliance	CE (Europe); FCC (USA); REACH; RoHS
WARRANTY & SUPPORT	
Product Warranty Period (Worldwide)	3-year limited warranty



Powering Business Worldwide

TRIPP LITE
SERIES

1000 Eaton Boulevard
Cleveland, OH 44122
United States
<https://tripplite.eaton.com>

© 2025 Eaton. All Rights Reserved.
Eaton is a registered trademark. All other trademarks
are the property of their respective owners.