4x4 HDMI Matrix Switch/Splitter with Remote Control and Multi-Resolution Support, 4K 60 Hz, HDR, 4:4:4, TAA

MODEL NUMBER: **B119-4X4-4K**

Shares 4K video/audio from 4 HDMI sources to 4 HDMI displays. Allows any source to be routed to any display or one source routed to multiple displays.

Features

HDMI Matrix Switch for Digital Signage or Other Applications with Multiple Video Displays
This matrix switch/splitter features four HDMI inputs and four 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 four 4K televisions, projectors or monitors. The B119-4X4-4K 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 all 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.

Transmits Crystal-Clear 4K Video with Stereo Sound, HDR and 4:4:4 Color
The B119-4X4-4K supports Ultra HD resolutions up to 3840 x 2160 at 60 Hz, as well as DTS, Dolby and 7.1-channel audio. 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 2.2 compliance allows you to stream 4K Hulu and Netflix content with no complications. This switch also supports 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 60 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 B119-4X4-4K is backward compatible with 4K (at 30 Hz) and 1080p (at 60 Hz) resolutions via automatic switching. This matrix switch/splitter allows each connected monitor to display video at its maximum resolution.

Designed for Quick Setup and Immediate Use
Connect your devices to the HDMI ports with user-supplied HDMI cables up to 15 feet, and plug the 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.

Highlights

- Transmits UHD resolutions up to 4K @ 60 Hz (4:4:4) for heightened video quality
- Supports High Dynamic Range (HDR) for rich contrast and expanded color accuracy
- Allows multi-resolution output for mixing and matching displays of various resolutions
- Switches between sources via push buttons, included remote control or RS-232 serial
- Compliant with the Federal Trade Agreements Act (TAA) for GSA Schedule purchases

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

- B119-4X4-4K 4x4 HDMI Matrix Switch/Splitter
- IR remote control
- IR extension cable, 5 ft. (1.5 m)
- RS-232 Phoenix adapter
- External power supply (Input: 100-240V, 50/60 Hz, 0.6A; Output: 5V 3A)
- (4) International plug adapters (North America, U.K., Europe, Australia)
- Mounting hardware
- Owner's manual

TAA-Compliant for GSA Schedule Purchases

The B119-4X4-4K is compliant with the Federal Trade Agreements Act (TAA), which makes it eligible for GSA (General Services Administration) Schedule and other federal procurement contracts.

Specifications

OVERVIEW	
UPC Code	037332282842
Product Type	Matrix Switch
Technology	HDMI; IR
Host Connector	(4) HDMI (FEMALE)

VIDEO	
Supported Resolutions	1920x1080 (1080p); 3840x2160 (4K)
Max Supported Video Resolution	3840 x 2160 @ 60Hz (when all 4 HDMI ports are in use)
Max Supported Color Depth	8-bit
HDR Support	Yes
3D Video Supported	Yes
Chroma Sub Sampling	4:4:4

AUDIO	
Audio Input	HDMI
Audio Specification	DTS, Dolby, 7.1 channel

INPUT	
AC Power Adapter Plug(s)	AS/NZS 3112 Australia; BS 1363 UK; Europlug; NEMA 1-15P North America
AC Power Adapter Input Specs (V / Hz / A)	100-240V / 50/60Hz / 0.6A
AC Power Adapter Output Specs (V / A)	5V / 3A
AC Power Adapter Cord Length (ft.)	4.5
AC Power Adapter Cord Length (m)	1.37
Voltage Compatibility (VAC)	100; 110; 125; 127; 200; 208; 220; 230; 240
Input Frequency	50/60Hz
Redundancy - Dual Power Inputs	No
Bus Powered	No

OUTPUT	
Frequency Compatibility	50 / 60 Hz

CONNECTIONS

Number of Ports	4
Side A - Connector 1	(4) HDMI (FEMALE)
Side B - Connector 1	(4) HDMI (FEMALE)
Connector Plating	Nickel
Contact Plating	Gold
Input x Output	4 x 4

USER INTERFACE, ALERTS & CONTROLS

LED Indicators	Green and Orange (Green Power LED and Orange Source LEDs (for the Source ports that have devices connected to them); Green LED will also illuminate to indicate the source that is being transmitted to each Output port 1-4.

PHYSICAL

Color	Black
Material of Construction	Metal
Rackmountable	No
Shipping Dimensions (hwd / in.)	2.16 x 6.45 x 13.85
Shipping Dimensions (hwd / cm)	5.50 x 16.40 x 35.20
Shipping Weight (lbs.)	2.09
Shipping Weight (kg)	0.95
Unit Dimensions (hwd / in.)	9.250 x 3.940 x 1.170
Mounting Details	Surface mount bracket and screws

COMMUNICATIONS

Port Control	Push Buttons
IP Remote Access	No
EDID Compatible	Yes
IR Remote Extension Support	Yes
RS-232 Serial Extension Support	Yes
Consumer Electronics Control (CEC) Supported	Yes

FEATURES & SPECIFICATIONS

10/100 Ethernet Extension Support	No
Integrated/Removable Cable	No
MST Support	No
Mounting Accessory Included	Yes
Multi-Resolution Support	No

On-Screen Display (OSD)	No
Port Selection	Pushbutton
HDCP Specification	2.2
Driver Required	No
DIN Mountable	No

STANDARDS & COMPLIANCE	
External Power Supply Certifications	CCC; CE; FCC; GS; LPS; PSE; TUV; cUL
Product Compliance	CE (Europe); FCC (USA); RoHS; Trade Agreements Act (TAA); UKCA

WARRANTY & SUPPORT	
Product Warranty Period (Worldwide)	3-year limited warranty