4x2 HDMI Matrix Switch/Splitter with Audio Extractor - 4K 60 Hz, IR Control, HDCP 2.2, 4:4:4

MODEL NUMBER: **B118-2X4-4K-A**







Shares 4K video and 7.1-channel surround sound from as many as 4 different HDMI sources between 2 separate HDMI displays.

Features

HDMI Matrix Switch for Digital Signage or Other Applications with Multiple Video Displays This matrix switch/splitter features four HDMI inputs and two HDMI outputs. This allows you to connect as many as four high-definition video sources, such as Blu-ray players, video game systems, Roku boxes, laptops, media servers or cable/satellite boxes, and transmit them to two high-definition televisions, projectors or monitors. The B118-2X4-4K-A is recommended for home theaters (transmit to HDTVs located in different rooms) or digital signage applications in classrooms, bars, restaurants, conference rooms, lecture halls and trade shows.

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 and rotate among them. You can use the buttons built into the front of the unit to switch between the connected sources displayed on the two monitors. The B118-2X4-4K-A also includes an IR remote that lets you not only choose between the connected video sources, but also mute the sound and power on/off the unit.

Transmits Crystal-Clear 4K HDMI Video with 4:4:4 Color The B118-2X4-4K-A supports Ultra HD video resolutions up to 4K x 2K at 60 Hz, as specified in HDMI 2.0, with 36-bit Deep Color. It's capable of carrying HDR (high dynamic range) signals, which provides a wide range of vibrant colors with richer contrast, brighter whites and deeper blacks. HDCP 2.2 compliance allows you to stream iTunes 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.

Built-In Audio Extractor Lets You Control Sound, as Well as PictureTOSLINK/coaxial and RCA right/left audio ports allow you to connect an amplifier, receiver or soundbar for optical, digital or analog sound. The B118-2X4-4K-A supports 7.1-channel LPCM, DTS-HD Master Audio and Dolby TrueHD.

Plug-and-Play Operation for Quick Setup and Immediate Use The B118-2X4-4K-A works right out of the box with no software required. Use HDMI cabling (such as P569-Series high-speed cables, sold separately) to connect up to four sources and two displays. The included power supply comes with four international plug adapters (North America, Europe, United Kingdom, Australia).

Highlights

- Display the same video on both monitors or rotate up to 4 videos on each monitor
- Supports UHD resolutions up to 4K @ 60 Hz (4:4:4) for crystal-clear video
- Built-in audio extractor produces digital and analog audio up to 7.1-channel surround
- IR remote control allows you to switch video sources from the comfort of your couch
- Plug-and-play operation with no software required for easy, immediate installation

Applications

- Duplicate audio/video content across 2 displays or show different content on both screens in your home, classroom, retail location, conference room or trade show
- Keep your video sources in a secure location, with displays located elsewhere for viewing by the intended audience
- Rotate up to 4 different sporting events on 2 TVs in your bar or restaurant
- Create an easily updatable video board communicating dynamic information, such as a restaurant menu or a theater schedule
- Display arrivals, departures and up-to-the-minute information in an airport or train station

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

- B118-2X4-4K-A 2x4 HDMI Matrix Switch/Splitter
- IR remote control with battery
- External power supply (Input: 100–240V @ 50/60 Hz, 0.3A; Output: 5V 1A)
- (4) International plug adapters (North America, Europe, U.K., Australia)

- Mounting Hardware
- Owner’s Manual

Specifications

OVERVIEW	
UPC Code	037332250605
Technology	HDMI; IR; Toslink/SPDIF
VIDEO	
Max Supported Video Resolution	4096 x 2160 (4K @ 60Hz)
Max Supported Color Depth	36-bit Deep Color
HDR Support	Yes
Chroma Sub Sampling	4:2:0; 4:2:2; 4:4:4
AUDIO	
Audio Specification	7.1/5.1/2 LPCM Channel Surround Sound
INPUT	
AC Power Adapter Plug(s)	AS/NZS 3112 Australia; BS 1363 UK; CEE 7/16 Schuko; NEMA 1-15P North America
AC Power Adapter Input Specs (V / Hz / A)	100-240V / 50/60Hz / 0.3A
AC Power Adapter Output Specs (V / A)	5V / 1A
AC Power Adapter Cord Length (ft.)	5
AC Power Adapter Cord Length (m)	1.5
Voltage Compatibility (VAC)	100; 110; 120; 125; 127; 200; 208; 220; 230; 240
Bus Powered	Yes
Product Length (ft.)	8.46
Product Length (m)	0.71
POWER	
Power Source Type	AC Adapter
AC Adapter	Input: 100-240V, 50/60Hz, 0.3A; Output: 5V, 1A, 5 ft.
DC Barrel Plug	OD: 5.5 x 2.1 x 10mm, Positive Pin, Negative Sleeve
CONNECTIONS	
Number of Ports	4

Side A - Connector 1	(4) HDMI (FEMALE)
Side A - Connector 2	MICRO-USB B (FEMALE)
Side B - Connector 1	(2) HDMI (FEMALE)
Side B - Connector 2	STEREO RCA (2xRCA) (RW)
Input x Output	2 x 4
USER INTERFACE, ALERTS & CONTROLS	
LED Indicators	Red (Power), (x8) Green (Connection)
PHYSICAL	
Color	Black
Material of Construction	Steel
Rackmountable	Yes
Shipping Dimensions (hwd / in.)	2.36 x 10.04 x 9.25
Shipping Dimensions (hwd / cm)	5.99 x 25.50 x 23.50
Shipping Weight (lbs.)	0.88
Shipping Weight (kg)	0.40
Unit Dimensions (hwd / in.)	0.830 x 8.460 x 2.950
Unit Packaging Type	Box
Unit Weight (lbs.)	0.82
Unit Weight (kg)	0.37
ENVIRONMENTAL	
Operating Temperature Range	32° to 113°F (0° to 45°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
EDID Compatible	No
IR Remote Extension Support	Yes
FEATURES & SPECIFICATIONS	
Integrated/Removable Cable	No
MST Support	No
Mounting Accessory Included	No
Multi-Resolution Support	No

Port Selection	Pushbutton; Remote Selector
HDCP Specification	2.2
Driver Required	No
DIN Mountable	No
STANDARDS & COMPLIANCE	
External Power Supply Certifications	CE; GS; TUV; UL; cUL
Product Compliance	RoHS; CE (Europe); REACH; FCC (USA)
WARRANTY & SUPPORT	
Product Warranty Period (Worldwide)	3-year limited warranty

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