4x2 HDMI Matrix Switch/Splitter with Audio Extractor - 4K 60Hz, 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 4096 x 2160 (4K x 2K) at 60 Hz with 36-bit Deep Color. It's compatible with HDMI 2.0 standards for 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 Picture
TOSLINK/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 Tripp Lite's 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 4096 x 2160 (@ 60 Hz) for crystal-clear 4K x 2K 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

INPUT	
External Power Supply Input Specs (V / Hz / A)	100-240V~50/60Hz, 0.3A
External Power Supply Output Specs (V / A)	5V/1A
External Power Supply Cord Length (m.)	1.5
External Power Supply DC Barrel Connector Specs	OD: 5.5 x 2.1 x 10mm, Positive Pin, Negative Sleeve
External Power Supply Plug(s)	AS/NZS 3112 Australia; BS 1363 UK; CEE 7/16 Schuko; NEMA 1-15P North America
External Power Supply Certifications	CE; GS; TUV; UL; cUL
Bus Powered	Yes

USER INTERFACE, ALERTS & CONTROLS	

LED Indicators	Power (Red), In 1-4 (Green)

PHYSICAL	
Color	Black
Material of Construction	Iron
Unit Dimensions (hwd / in.)	0.83 x 8.46 x 2.95
Unit Packaging Type	Box
Unit Weight (kg)	0.37
Unit Weight (lbs.)	0.82

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

CONNECTIONS	
Ports	4
Side A - Connector 1	(4) HDMI (FEMALE); MICRO-USB B (FEMALE)
Side B - Connector 1	(2) HDMI (FEMALE); STEREO RCA (2xRCA) (RW)

FEATURES & SPECIFICATIONS	
Port Selection	Pushbutton; Remote Selector
Max Supported Video Resolution	4K x 2K (4096 x 2160) @60Hz
HDMI Specification	2.0
HDCP Specification	2.2
Audio Specification	7.1/5.1/2 LPCM Channel Surround Sound
Driver Required	No
Max Supported Color Depth	36-bit Deep Color
Technology	HDMI; IR; Toslink/SPDIF

SPECIAL FEATURES	
HDR Support	Yes
Wall Mountable	No
DIN Mountable	No
Integrated/Removable Cable	No
MST Support	No

Included Mounting Accessory	No
Multi-Resolution Support	No

CERTIFICATIONS	
Certifications	Tested to CE, FCC, RoHS, REACH

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