

8-Port HDMI Splitter - 4K 60 Hz, HDR10, Multi-Resolution Output, Push-Button EDID Control

MODEL NUMBER: B118-008-4KL



Compact 4K splitter transmits 4K video and audio from one HDMI source to 8 HDMI displays at the same time.

Features

4K HDMI Splitter Transmits 4K Video + Audio to 8 HDMI Displays at the Same Time

Recommended for classrooms, retail and event setups where tight space and quick setup matter, this Ultra High Definition (UHD) HDMI distribution amplifier is quick and easy to install. It connects to an HDMI source device, such as a laptop or media server, and transmits a 4K audio/video signal to eight HDMI monitors, projectors or televisions simultaneously while maintaining signal integrity. Multi-resolution output allows video content to be presented at the best resolution for each display's capabilities, including 4K and 1080p displays.

Transmits 4K Video with HDR10, Dolby Vision and 4:4:4 Color

The B118-008-4KL supports Ultra HD 4K resolutions up to 3840 x 2160 at 60 Hz with 36-bit Deep Color (12 bits per channel) and LPCM 7.1-channel surround sound. High Dynamic Range (HDR10 and Dolby Vision HDR) offers a wide range of vibrant colors with richer contrast, brighter whites and deeper blacks that pop on your 4K display. HDCP 2.2 encryption allows you to stream 4K content with no loss in resolution. This splitter also supports 18 Gbps bandwidth for uncompressed 4:4:4 chroma subsampling, ensuring crisp text and fine detail in presentations and digital signage. Note: For best performance, use HDMI 2.0 cables up to 16 feet on input and 16 feet on output (32 feet total). The splitter can transmit video at 4K @ 30 Hz or 1080p up to 65 feet combined.

EDID Control Made Easy

The B118-008-4KL supports three different EDID (Extended Display Identification Data) modes, which you can control using the front-panel button. Auto Mode automatically finds the optimal video resolution and audio format for all connected displays. Copy Mode copies the EDID from Output 1 and tells the source to use that setting. If a connected display can't manage that resolution, the splitter will downscale the video for that display while keeping the same audio, HDR and color depth as Output 1. Downscale Mode downscales the 4K signal to 1080p for connected 1080p displays while sending full 4K to all connected 4K displays. No laptop is needed to resolve any resolution conflicts.

Compact, Portable Build for Tight Spaces and Travel AV Kits

Measuring less than one foot wide and one inch tall, this splitter is ideal for tight spaces. The compact metal design fits easily behind displays or in small AV cabinets, and can be stored in a portable AV kit for pop-up events and temporary installations. The external power supply features a four-foot (1.2-meter) cord and includes adapter plugs for North America (NEMA 1-15P), Europe (CEE 7/16 Schuko), UK (BS 1363) and Australia (AS/NZS 3112), allowing for fewer headaches when traveling to an install. The plug-and-play HDMI splitter requires no software to download and install.

Highlights

- Supports 4K @ 60 Hz (YUV 4:4:4) with High Dynamic Range and Dolby Vision
- Built-in downscaling allows video transmission to 4K and 1080p displays simultaneously
- Front-panel EDID button conveniently resolves resolution conflicts without a laptop
- Compact size fits comfortably in portable AV kits or behind displays
- Plug-and-play operation: no software required for easy, immediate installation

System Requirements

- Source device with HDMI output (media server, Blu-ray player, satellite/cable box, laptop) that supports 4K @ 60 Hz
- Display devices with HDMI input (HDTV, projector, monitor) that support 4K or 1080p
- High-speed HDMI 2.0 cables no longer than 15 ft. (4.6 m) for input and output
- AC power outlet for included 5V DC adapter

Package Includes

- B118-008-4KL 8-Port HDMI Splitter
- External power supply (Input: 100–240V, 50/60 Hz, 0.4A; Output: 5V 2A)
- (4) International plug adapters (North America, Europe, U.K., Australia)
- Installation Instructions

Specifications

OVERVIEW	
UPC Code	037332296931
Product Type	Splitter
Device Compatibility	Monitor/HDTV
Technology	HDMI
Host Connector	HDMI (FEMALE)
VIDEO	
Video Input	HDMI (FEMALE)
Video Output	HDMI (FEMALE)
Video Ports	(8) HDMI (FEMALE)
Video Ports Details	HDMI 2.0; HDCP 1.4; HDCP 2.2
Resolutions Supported	Supports maximum output resolutions up to 4K @ 60 Hz YUV 4:4:4K input can be downscaled to 1080p for optimal resolution with legacy displays while maintaining 4K UHD to 4K displays simultaneouslyMaximum signal distance: 10 m at 4K/60 Hz (5 m input + 5 m output)Up to 20 m at 4K/30 Hz or 1080p
Supported Resolutions	1280x720 (720p); 1920x1080 (1080p); 3840x2160 (4K)
Max Supported Video Resolution	4K @ 60Hz (4096 x 2160)
Signal Range (ft)	32
Signal Range (m)	10
Max Supported Color Depth	36-bit Deep Color
HDR Support	Yes
3D Video Supported	Yes
Chroma Sub Sampling	4:2:0; 4:2:2; 4:4:4
Maximum Signal Range (ft)	32
Maximum Signal Range (m)	10
Maximum Signal Range Details	4K/60 Hz video signal can be extended up to 5 meters (16 ft) from the host to the splitter, and a further 5 meters from the splitter to the display for a total of 10 meters (32 ft). HDMI 2.0 cable should be used for optimal performance4K/30 Hz or 1080p video signals can be extended up to 10 meters (32 ft) from the host to the splitter, and a further 10 meters from the splitter to the display for a total of 20 meters (65 ft)
EDID Support	Yes
Signal Transmission	Unidirectional
Bandwidth	18 Gbps
AUDIO	
Audio Ports	(8) HDMI (FEMALE)
Audio Input	HDMI

Audio Output	HDMI
Audio Specification	Compressed: DTS, Dolby Digital (including DTS-HD Master Audio and Dolby TrueHD) + Uncompressed: LPCM
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 / 0.4A
AC Power Adapter Output Specs (V / A)	5V / 2A
AC Power Adapter Cord Length (ft.)	4
AC Power Adapter Cord Length (m)	1.2
Voltage Compatibility (VAC)	100; 110; 120; 125; 127; 200; 208; 220; 230; 240
Input Frequency	50/60Hz
Bus Powered	No
POWER	
Power Source Type	AC Adapter
Power Over Cable (PoC) Support	No
AC Adapter	Input: 100-240V, 50/60Hz, 0.4A; Output: 5V, 2A, 4 ft
Power Consumption (Watts)	10.00
CONNECTIONS	
Number of Ports	9
Side A - Connector 1	(1) HDMI (FEMALE)
Side B - Connector 1	(8) HDMI (FEMALE)
Connector Plating	Nickel
Input x Output	1 x 8
Daisy-chainable / Cascadable	No
USER INTERFACE, ALERTS & CONTROLS	
LED Indicators	POWER: Power LED Indicator Blue light, 1-8 HDMI Output: 1-8 LED Indicator Blue light Auto Mode LED Indicator Blue light: ON is In Normal Auto EDID Mode which gets the Lower Resolution and Audio Format of the Both Output for the Input Device to Output the Signal to Fit Both Outputs, Copy Mode LED Indicator Blue light, ON is In Copy EDID Mode which copy the Output1 Resolution and Audio Format for the Input Device to Output the Signal Downscaler Mode LED Indicator Blue light: ON is In Downscaler EDID Mode which can downscale the Input 4K Resolution to 1080p by the FHD (1080p) Display and 4K Resolution to the 4K Displays Simultaneously.
PHYSICAL	
Color	Black
Material of Construction	Metal
Form Factor/Mounting Options	Box



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TRIPP LITE
SERIES

Rackmountable	No
Shipping Dimensions (hwd / in.)	2.17 x 11.50 x 9.37
Shipping Dimensions (hwd / cm)	5.51 x 29.21 x 23.80
Shipping Weight (lbs.)	1.73
Shipping Weight (kg)	0.78
Unit Dimensions (hwd / in.)	1.170 x 9.250 x 3.940
Unit Dimensions (hwd / cm)	3 x 23.5 x 10
Unit Dimensions (hwd / mm)	222 x 83 x 15
Unit Dimensions (in.)	1.17 x 9.25 x 3.94
Unit Packaging Type	Box
Unit Weight (lbs.)	0.85
Unit Weight (kg)	0.39
ENVIRONMENTAL	
Operating Temperature Range	32° to 158°F (0° to 70°C)
Storage Temperature Range	14° to 176°F (-10° to 80°C)
Relative Humidity	0-85% non-condensing
Operating Humidity Range	10% TO 85% RH, NON-CONDENSING
Storage Humidity Range	5% TO 90% RH, NON-CONDENSING
COMMUNICATIONS	
Signal Range (ft.)	32
Signal Range (m)	10
Transmission Distance	4K/60 Hz: 32 ft (10 meters); 4K/30 Hz: 65 ft (20 meters); 1080p: 65 ft (20 meters)
EDID Compatible	Yes
IR Remote Extension Support	No
RS-232 Serial Extension Support	No
Consumer Electronics Control (CEC) Supported	No
Latency	Zero
FEATURES & SPECIFICATIONS	
10/100 Ethernet Extension Support	No
Integrated/Removable Cable	No
MST Support	No
Mounting Accessory Included	No
Multi-Resolution Support	Yes
HDCP Specification	1.4; 2.2



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SERIES

Driver Required	No
DIN Mountable	No
STANDARDS & COMPLIANCE	
External Power Supply Certifications	FCC; UL; cUL
Product Compliance	CE (Europe); FCC (USA); RoHS; UKCA; WEEE
WARRANTY & SUPPORT	
Product Warranty Period (Worldwide)	3-year limited warranty

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