

2-Port HDMI Switch with Remote Control - 8K 60 Hz, UHD, 4:4:4, HDR10+, HDCP 2.3

MODEL NUMBER: B119-002-8K6



Lets you share one 8K HDMI display between 2 different HDMI video sources.

Features

2-Port HDMI Switch with Remote Connects 2 Sources to One 8K HDMI Display

The B119-002-8K6 allows you to connect two separate HDMI audio/video sources to your 8K television, projector or monitor's HDMI input and switch between them. For instance, connect a media server and a Blu-ray player or an Xbox and a laptop to your 8K HDTV, and use the manual push button or included remote control to switch between one input and the other.

Transmits 8K Video with HDR10+ and 4:4:4 Color

This two-port HDMI switch supports Ultra HD 8K resolutions up to 7680 x 4320 at 60 Hz with 36-bit Deep Color and DTS-HD, Dolby TrueHD and 7.1-channel surround sound audio. It supports HDR10+ and Dolby Vision, providing a wide range of vibrant colors with richer contrast, brighter whites and deeper blacks that pop on your display. HDCP 2.3 encryption allows you to stream 8K content with no loss in resolution. This switch also supports uncompressed 4:4:4 chroma subsampling for top-level PC gaming or using your HDTV as a PC monitor.

3 Different Switching Modes for Hassle-Free Operation

The B119-002-8K6 simplifies switching with three different modes to fit your application. You can use the push button on the unit to switch manually between HDMI sources or the included remote to control the inputs at a distance. You can also activate automatic port switching, which enables the most recently used source to be displayed automatically. The B119-002-8K6 also features an IR receiver on/off function.

Backward Compatible with Legacy A/V Equipment

This HDMI switch supports 8K at 60 Hz, as well as 4K at 120 Hz and 1080p at 240 Hz. Because the B119-002-8K6 is backward compatible with 4K and high-definition 1080p, you will be able to use it with any video source connected to your home theater or digital signage application. **Note:** Make sure your source devices, cabling and displays can all support the resolution and refresh rate you need to output. Standard HDMI 2.1-compatible cabling is necessary to achieve 8K specifications.

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

The rugged metal switch requires no extra software to download and install. Connect your devices to the HDMI ports with user-supplied 8K-compatible HDMI cables (such as P568-xxx-8K6), and plug the included power cable into a user-supplied USB charging adapter. The B119-002-8K6's compact form factor allows you to place the switch out of sight, keeping your AV project aesthetically pleasing. **Note:** The USB charging adapter must be certified for safety and must be suitable for the region in which the HDMI switch is used.

Highlights

- Switch between 2 source devices with included remote for ultimate convenience
- Supports UHD resolutions up to 8K @ 60 Hz (4:4:4) for heightened video quality
- Supports High Dynamic Range (HDR) for rich contrast and expanded color accuracy
- Delivers full DTS-HD, Dolby TrueHD and 7.1-channel surround sound audio
- Plug-and-play operation with no software required for easy, immediate installation

System Requirements

- Source device(s) with HDMI output (media server, Blu-ray player, laptop, gaming console, cable/satellite box)
- Display device with HDMI input (HDTV, monitor, projector)
- USB charging adapter
- All connected devices and cabling must support 8K to achieve 8K resolution

Package Includes

- B119-002-8K6 2-Port HDMI Switch
- Remote control (requires 2 AAA batteries, not included)
- USB-C to USB-A power cable (M/M), 1 m (3.3 ft.)
- Installation instructions



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Specifications

OVERVIEW	
UPC Code	037332293626
Product Type	Switch
Technology	HDMI; IR
VIDEO	
Max Supported Video Resolution	7680 x 4320 (8K) 60 Hz
Max Supported Color Depth	36-bit Deep Color
HDR Support	Yes
3D Video Supported	Yes
Chroma Sub Sampling	4:4:4
Bandwidth	48 Gbps
AUDIO	
Audio Specification	UNCOMPRESSED: LPCM; COMPRESSED: DTS, DOLBY DIGITAL (DTS-HD MASTER AUDIO, DOLBY TRUE-HD)
INPUT	
Bus Powered	No
POWER	
Power Source Type	USB
Power Over Cable (PoC) Support	No
CONNECTIONS	
Number of Ports	2
Side A - Connector 1	(2) HDMI (FEMALE)
Side B - Connector 1	HDMI (FEMALE)
Connector Plating	Nickel
Contact Plating	Gold
Input x Output	2 x 1
PHYSICAL	
Color	Black
Material of Construction	ABS + IRON
Rackmountable	No



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Shipping Dimensions (hwd / in.)	1.77 x 7.05 x 4.84
Shipping Dimensions (hwd / cm)	4.50 x 17.91 x 12.29
Shipping Weight (lbs.)	0.41
Shipping Weight (kg)	0.19
Unit Dimensions (hwd / in.)	1.730 x 0.550 x 3.540
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	
EDID Compatible	No
IR Remote Extension Support	Yes
RS-232 Serial Extension Support	No
Consumer Electronics Control (CEC) Supported	Yes
Switching Capacity Details	AUTO/SMART, MANUAL, REMOTE CONTROL
FEATURES & SPECIFICATIONS	
10/100 Ethernet Extension Support	No
Integrated/Removable Cable	No
MST Support	No
Mounting Accessory Included	No
Multi-Resolution Support	No
Built-In Equalizer	Yes
HDCP Specification	1.4; 2.2; 2.3
Driver Required	No
DIN Mountable	No
STANDARDS & COMPLIANCE	
Product Compliance	CE (Europe); FCC (USA); RoHS; UKCA; WEEE
WARRANTY & SUPPORT	
Product Warranty Period (Worldwide)	3-year limited warranty



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