

## 9x2 Multi-Format Presentation Matrix Switch with Audio Extractor - UHD 4K 60 Hz, IR Support, 4:4:4, 1U

MODEL NUMBER: B300-9X2-4K



Shares video output and stereo audio, including true 4K 60 Hz, from 9 different source devices between 2 separate HDMI displays.

### Features

**Presentation Matrix Switch Lets You Connect up to 9 Video Sources and 2 HDMI Displays** This multi-format matrix switch/splitter features six HDMI inputs, as well as one each for VGA + Audio, DisplayPort and Component Video. This allows you to connect as many as nine digital or analog, high-definition or standard-definition video sources, including computers, laptops, media servers, Blu-ray players and cable/satellite boxes, and rapidly switch among them. The B300-9X2-4K works right out of the box with no downloads required.

**Suitable for a Wide Range of Audio/Video Applications for Work or Play** This switch is recommended anywhere a variety of video signals is transmitted to multiple hi-def displays. It is suitable for home theaters, video and multimedia presentations, or digital signage applications in classrooms, bars, restaurants, conference rooms, lecture halls, exhibition centers and trade shows.

**Enjoy Great Flexibility in Transmitting Video to Different Displays or Even Different Rooms** Choose from three different display modes: Matrix, Mirror or Picture-in-Picture (PiP). Send different video images to both displays, transmit the same image to both displays, or produce a composite image in which video from one source is inserted into a small window over video from a second source. Use the buttons built into the front of the unit, the included IR remote or an RS-232 controller to switch between the connected sources displayed on the two monitors. Preview mode lets you quickly identify and then switch immediately to the target source.

**Transmits Crystal-Clear True 4K HDMI Video with 4:4:4 Color** The DisplayPort input and HDMI inputs/outputs support Ultra HD video resolutions up to 4096 x 2160 (4K x 2K) at 60 Hz (4:2:0) and 30 Hz (4:4:4). The VGA and Composite Video inputs support HD resolutions up to 1920 x 1200, including 1080p, at 60 Hz. In addition to connecting video sources, you can also connect up to two computers using a keyboard/mouse and up to two USB peripherals, such as flash drives, that can be individually switched to a particular source.

**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, soundbar or speakers for optical, digital or analog sound. The B300-9X2-4K supports 2.1-channel PCM digital and analog audio.

**TAA-Compliant for GSA Schedule Purchases** The B300-9X2-4K is compliant with the Federal Trade

### Highlights

- Matrix, Mirror and Picture-in-Picture display modes match your presentation style
- Supports UHD resolutions up to 4096 x 2160 (4:4:4) for crystal-clear 4K x 2K video
- Audio extractor lets you connect speakers or amplifiers that produce stereo sound
- IR remote control allows you to switch video sources from the comfort of your couch
- Compliant with the Federal Trade Agreements Act (TAA) for GSA Schedule purchases

### 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
- Allow multiple people to give audio/video presentations in a conference room

### System Requirements

- Source devices with HDMI, DisplayPort, VGA and/or Composite Video output (media server, Blu-ray player, satellite/cable box)
- Display devices with HDMI input (HDTV, projector, monitor)

### Package Includes

- B300-9X2-4K Multi-Format Matrix Switch/Splitter
- IR remote control
- IR receiver head cable, 6 ft.
- C13 to NEMA 5-15P power cord, 6 ft.
- Rubber feet
- Owner's manual



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Agreements Act (TAA), which makes it eligible for GSA (General Services Administration) Schedule and other federal procurement contracts.

## Specifications

OVERVIEW	
UPC Code	037332251268
Device Compatibility	Chromebook; Computer; Laptop; Monitor/HDTV
Technology	DisplayPort; HDMI; IR; VGA/SVGA
VIDEO	
Max Supported Video Resolution	HDMI/DP: 4096 x 2160 @ 60Hz (4:2:0); 4096 x 2160 @ 30Hz (4:4:4), VGA/Analog: 1920x1200 @ 60Hz
HDR Support	Yes
3D Video Supported	Yes
Chroma Sub Sampling	4:2:0; 4:4:4
AUDIO	
Audio Specification	2.1 Channel PCM Digital and Analog Audio
INPUT	
Voltage Compatibility (VAC)	100; 110; 120; 125; 127; 200; 208; 220; 230; 240
Input Frequency	50/60Hz
Input Current	1A
CONNECTIONS	
Side A - Connector 1	(2) 3.5MM (FEMALE); COMPONENT (3xRCA) (RGB); COMPOSITE (RCA) (Y); DB9 (FEMALE); DISPLAYPORT (FEMALE); HD15 (FEMALE); (6) HDMI (FEMALE); (4) USB A (FEMALE); (2) USB B (FEMALE)
Side B - Connector 1	(2) HDMI (FEMALE); STEREO RCA (2xRCA) (RW)
Input x Output	9 x 2
USER INTERFACE, ALERTS & CONTROLS	
LED Indicators	Display A/B, USB, Keyboard/Mouse (Orange); Source 1-6, HDMI, VGA, DP, AV/YPbPr (Green); Power (Teal); Lock (Red)
PHYSICAL	
Color	Black
Material of Construction	Steel (Steel Electrodeposition Cold Common)
Rackmountable	Yes
Shipping Weight (lbs.)	7.05
Shipping Weight (kg)	3.20



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Unit Dimensions (hwd / in.)	17.020 x 1.730 x 6.070
Unit Dimensions (hwd / cm)	43.23 x 4.39 x 15.42
Unit Packaging Type	Box
Unit Weight (lbs.)	5.2
Unit Weight (kg)	2.36
<b>ENVIRONMENTAL</b>	
Operating Temperature Range	32° to 104°F (0° to 40°C)
Storage Temperature Range	-4° to 140°F (-20° to 60°C)
Relative Humidity	0% to 80% RH, Non-Condensing
<b>COMMUNICATIONS</b>	
EDID Compatible	Yes
IR Remote Extension Support	Yes
Consumer Electronics Control (CEC) Supported	Yes
<b>FEATURES &amp; SPECIFICATIONS</b>	
Port Selection	Pushbutton; Remote Selector
Displayport Specification	1.1
HDCP Specification	1.4
<b>STANDARDS &amp; COMPLIANCE</b>	
Product Certifications	EN 55024; EN 55032
Product Compliance	RoHS; REACH; FCC (USA); Trade Agreements Act (TAA)
<b>WARRANTY &amp; SUPPORT</b>	
Product Warranty Period (Worldwide)	2-year limited warranty

1000 Eaton Boulevard  
Cleveland, OH 44122  
United States  
<https://tripplite.eaton.com>

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