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 PictureTOSLINK/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

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

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
ENVIRONMENTAL	
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
COMMUNICATIONS	
EDID Compatible	Yes
IR Remote Extension Support	Yes
Consumer Electronics Control (CEC) Supported	Yes
FEATURES & SPECIFICATIONS	
Port Selection	Pushbutton; Remote Selector
Displayport Specification	1.1
HDCP Specification	1.4
STANDARDS & COMPLIANCE	
Product Certifications	EN 55024; EN 55032
Product Compliance	RoHS; REACH; FCC (USA); Trade Agreements Act (TAA)
WARRANTY & SUPPORT	
Product Warranty Period (Worldwide)	2-year limited warranty

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