

## 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.

### 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

**TAA-Compliant for GSA Schedule Purchases** The B300-9X2-4K is compliant with the Federal Trade Agreements Act (TAA), which makes it eligible for GSA (General Services Administration) Schedule and other federal procurement contracts.

## Specifications

| <b>OVERVIEW</b>                              |  |
|--|--|
| UPC Code                                     | 037332251268   |
| Device Compatibility                         | Chromebook; Computer; Laptop; Monitor/HDTV   |
| Technology                                   | DisplayPort; HDMI; IR; VGA/SVGA  |
| <b>VIDEO</b>                                 |  |
| 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   |
| <b>AUDIO</b>                                 |  |
| Audio Specification                          | 2.1 Channel PCM Digital and Analog Audio   |
| <b>INPUT</b>                                 |  |
| Voltage Compatibility (VAC)                  | 100; 110; 120; 125; 127; 200; 208; 220; 230; 240   |
| Input Frequency                              | 50/60Hz  |
| Input Current                                | 1A   |
| <b>USER INTERFACE, ALERTS &amp; CONTROLS</b> |  |
| LED Indicators                               | Display A/B, USB, Keyboard/Mouse (Orange); Source 1-6, HDMI, VGA, DP, AV/YpBPr (Green); Power (Teal); Lock (Red) |
| <b>PHYSICAL</b>                              |  |
| 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   |
| <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>CONNECTIONS</b>                           |  |
| 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  |
| <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  |