

## 4-Port Presentation Switch, 4K 60 Hz (4:4:4) HDMI, DP, USB-C and VGA to HDMI, TAA

MODEL NUMBER: **B320-4X1-MH**



Allows you to switch between 4 multi-format (HDMI/DP/VGA/USB-C) audio/video sources all transmitting to one HDMI monitor.

### Features

**4-Port Multi-Format Presentation Switch Connects 4 Video Sources to One HDMI Display** This presentation switch connects four separate source devices to your 4K television, projector or monitor's HDMI input and switches between them. The B320-4X1-MH features HDMI, DisplayPort, USB-C and VGA + Audio inputs for connecting Windows laptops, cable boxes, media servers, Blu-ray players, video game consoles and other video sources. Switch from one source to another using the manual push buttons, RS-232 commands or the included remote control.

**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 a hi-def display. It is suitable for home theaters, video and multimedia presentations, security applications or digital signage in classrooms, bars, restaurants, conference rooms, lecture halls, exhibition centers and trade shows.

**Transmits Crystal-Clear True 4K Video with HDR, 4:4:4 Color and 7.1-Channel Audio** The HDMI, DisplayPort and USB-C ports support true 4K resolutions up to 4096 x 2160 at 60 Hz, as well as HDR video, providing a wide range of vibrant colors with richer contrast, brighter whites and deeper blacks that pop on your 4K display. HDCP 2.2 compliance allows you to stream 4K Amazon and Netflix content with no complications. This switch also supports 4:4:4 chroma subsampling for top-level PC gaming or using your HDTV as a PC monitor. Full, rich, uncompressed DTS-HD, Dolby TrueHD and 7.1-channel digital surround sound ensure your ears receive the same treat as your eyes. The VGA port supports HD video up to 1920 x 1080 (1080p) at 60 Hz.

**PD 3.0 Charging Port Charges the USB-C Source to Avoid Battery Drain and Signal Loss** The USB-C Power Delivery port provides up to 20V 5A (100W), of which 90W is used to charge and power the connected USB-C device, such as a MacBook Pro or Windows laptop. Connect the device's power supply or power adapter between the USB-C PD 3.0 port and an available AC outlet to prevent the source from running out of power prematurely.

**Plug-and-Play Operation for Quick Setup and Immediate Use** The switch works right out of the box with no software required. Mounting hardware is included for installing the switch on a wall, pole or 19-inch rack. Connect your devices to the switch's ports with user-supplied cables (sold separately), and plug the switch's external power supply into an AC power source.

### Highlights

- HDMI, DisplayPort and USB-C ports support true 4K resolutions @ 60 Hz (4:4:4)
- Push buttons, IR remote or RS-232 commands allow quick switching between sources
- USB-C PD 3.0 port supports 20V 5A (100W) power output for charging host device
- Supports High Dynamic Range (HDR) for richer contrast and expanded color accuracy
- Compliant with the Federal Trade Agreements Act (TAA) for GSA Schedule purchases

### Applications

- Switch between your laptop, media server, cable box, Blu-ray player, video game console, Roku or other audio/video sources in your home theater
- Connect multiple desktop computers and laptops to one monitor to save desk space
- Create multiple digital signage messages to appear at various times on a 4K HDMI display

### System Requirements

- Source devices with HDMI, DisplayPort, USB-C and/or VGA output
- Display device with HDMI input

### Package Includes

- B320-4X1-MH 4-Port Multi-Format Presentation Switch
- IR remote control
- IR receiver cable, 5 ft.
- External power supply with 4.5 ft. cord (Input: 100–240V, 50/60 Hz, 0.6A; Output: 24V 1A)
- (4) International plug adapters (North America, U.K., Europe, Australia)
- Mounting hardware
- Owner's manual



**TAA-Compliant for GSA Schedule Purchases** The B320-4X1-MH 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

OVERVIEW	
UPC Code	037332255204
Technology	DisplayPort; HDMI; IR; VGA/SVGA
VIDEO	
Max Supported Video Resolution	HDMI/DP/USB Type-C: 4096 x 2160 @60Hz; VGA: 1920 x 1080 @60Hz
HDR Support	Yes
3D Video Supported	Yes
Chroma Sub Sampling	4:4:4
AUDIO	
Audio Specification	7.1 Channel Surround Sound
INPUT	
Voltage Compatibility (VAC)	100; 110; 120; 125; 127; 200; 208; 220; 230; 240
POWER	
External Power Supply Input Specs (V / Hz / A)	100-240V~50/60Hz, 0.6A
External Power Supply Output Specs (V / A)	24V/1A
External Power Supply Cord Length (ft.)	4.5
External Power Supply Plug(s)	AS/NZS 3112 Australia; BS 1363 UK; CEE 7/16 Schuko; NEMA 1-15P North America
USB Power Delivery (PD) Charging Support	Yes
USB Power Delivery (PD) Charging Specification	3.0
USER INTERFACE, ALERTS & CONTROLS	
LED Indicators	Green (Power), Orange (DP/HDMI/VGA/TYPE-C IN 1-4)
PHYSICAL	
Material of Construction	Metal
Color	Black



Unit Dimensions (hwd / in.)	9.25 x 3.94 x 1.17
Unit Packaging Type	Box
Unit Weight (lbs.)	1.43
Unit Weight (kg)	0.65
<b>ENVIRONMENTAL</b>	
Operating Temperature Range	32 to 104°F (0 to 40°C)
Storage Temperature Range	5 to 122°F (-15 to 50°C)
Relative Humidity	0% to 85% RH, Non-Condensing
Power Provided to Connected Device(s)	USB-C PD 3.0 Port: 90W
<b>CONNECTIONS</b>	
Number of Ports	4
Side A - Connector 1	(2) 3.5MM (FEMALE); DB9 (FEMALE); DISPLAYPORT (FEMALE); HD15 (FEMALE); HDMI (FEMALE); (2) USB C (FEMALE)
Side B - Connector 1	HDMI (FEMALE)
<b>FEATURES &amp; SPECIFICATIONS</b>	
Port Selection	Pushbutton; Remote Selector
Displayport Specification	1.2a
HDCP Specification	2.2
DIN Mountable	No
Integrated/Removable Cable	No
MST Support	No
Mounting Accessory Included	No
Multi-Resolution Support	No
<b>STANDARDS &amp; COMPLIANCE</b>	
External Power Supply Certifications	CCC; CE; FCC; GS; TUV; UL; cUL
Product Compliance	RoHS; CE (Europe); REACH; FCC (USA)
<b>WARRANTY</b>	
Product Warranty Period (Worldwide)	1-year limited warranty