8x8 HDMI Matrix Switch/Splitter with Audio Extractor, Remote Access and Multi-Resolution Support, 4K 60 Hz, HDR

MODEL NUMBER: **B302-8HX8H-4K**



Shares true 4K video and stereo sound from 8 different HDMI sources among 8 separate HDMI displays.

Features

HDMI Matrix Switch for Digital Signage or Other Applications with Multiple Video Displays
This matrix switch/splitter features eight HDMI inputs and eight HDMI outputs. This allows you to connect as many as eight high-definition video sources, such as laptops, Blu-ray players, video game systems, Roku boxes, media servers or cable/satellite boxes, and transmit them to eight high-definition televisions, projectors or monitors. The B302-8HX8H-4K is recommended for home theaters (transmit to HDTVs located in different rooms) or digital signage applications in showrooms, restaurants, trade shows, schools, training rooms and retail settings.

Enjoy Great Flexibility in Transmitting Video to Different Displays or Even Different Rooms
Send the same video image to all displays or transmit different videos to different displays and switch between them. Convenient push buttons on the front of the unit let you instantly choose which sources and displays to highlight. You can also use the included IR hardware, RS-232 serial commands (cable sold separately) or the included GUI software to pick and choose. Remote access of the matrix switch/splitter is possible by configuring your network to match its pre-assigned IP address.

Transmits Crystal-Clear True 4K Video with HDR and 4:4:4 Color
The B302-8HX8H-4K supports Ultra HD resolutions up to 4096 x 2160 (4K x 2K) 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.

Multi-Resolution Support Allows Mixing and Matching of Displays of Different Resolutions
Say you have a brand new 4K (at 60 Hz) HDTV in the living room, but want to also connect your Blu-ray player or satellite box to the older 1080p TV in the bedroom. The B302-8HX8H-4K is backward compatible with 4K (at 30 Hz) and 1080p (at 60 Hz) resolutions via automatic switching. This matrix switch/splitter allows each connected monitor to display video at its maximum resolution. Most other splitters default each monitor to the lowest common resolution (meaning you would only get a 1080p image on that new 4K TV).

Convenient Scene Storage and Instant Recall
You can store as many as 12 different display or scene combinations in the matrix switch's internal memory. Mix and match any sources you want with the displays you want and save it to memory. Forgot

Highlights

- Supports UHD resolutions up to 4K @ 60 Hz (4:4:4) for crystal-clear video quality
- Carries High Dynamic Range (HDR) signals for rich contrast and expanded color accuracy
- Allows storage and instant recall of saved or pre-programmed display combinations
- Supports multi-resolution output for mixing and matching displays of various resolutions
- Permits remote access to GUI by configuring network to match pre-assigned IP address

Applications

- Duplicate audio/video content across 8 displays or show different content on all 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
- Rotate up to 8 different sporting events on 8 TVs in your bar or restaurant
- Create an easily updatable video board communicating dynamic information, such as a restaurant menu or a theater schedule
- Display arrivals, departures and up-to-the-minute information in an airport or train station

System Requirements

- Source devices with HDMI output (media server, Blu-ray player, satellite/cable box)
- Display devices with HDMI input (HDTV, projector, monitor)
- GUI control software compatible with Windows only

Package Includes

- B302-8HX8H-4K 8x8 HDMI Matrix Switch/Splitter
- IR remote control
- IR receiver cable, 4 ft.
- External power supply with 4 ft. cord (Input: 100–240V, 50/60 Hz, 0.9A; Output: 12V 3A)

which source/display combination you used last week or accidentally changed one of the sources or displays? Don't worry – use the recall feature to bring back the combination you had last.

Built-In Audio Extractor Lets You Control Sound, as Well as Picture
The 3.5 mm audio jacks located above each HDMI output allow you to connect an amplifier, receiver or soundbar for digital stereo sound.

Designed for Quick Setup and Immediate Use
Connect your devices to the HDMI ports with user-supplied HDMI cables (such as P569-Series), and plug the included external power supply (with four international plug adapters to ensure use all over the world) into an AC power source to get started. Use the included hardware to install the unit on a wall or 19-inch rack. A CD is included for downloading the optional GUI control software (not compatible with macOS).

- (4) International plug adapters (North America, U.K., Europe, Australia)
- Rack-mounting hardware
- Driver CD
- Owner's manual

Specifications

OVERVIEW	
UPC Code	037332256577
Technology	HDMI; IR
VIDEO	
Max Supported Video Resolution	4096 x 2160 @ 60Hz
Max Supported Color Depth	36-bit Deep Color
HDR Support	Yes
3D Video Supported	Yes
Chroma Sub Sampling	4:4:4
AUDIO	
Audio Specification	Stereo Audio
INPUT	
AC Power Adapter Plug(s)	AS/NZS 3112 Australia; BS 1363 UK; CEE 7/16 Schuko; NEMA 1-15P North America
AC Power Adapter Input Specs (V / Hz / A)	100-240V / 50/60Hz / 1.2A
AC Power Adapter Output Specs (V / A)	12V / 4A
AC Power Adapter Cord Length (ft.)	3.9
AC Power Adapter Cord Length (m)	1.2
Voltage Compatibility (VAC)	100; 110; 120; 125; 127; 200; 208; 220; 230; 240
POWER	
Power Source Type	AC Adapter
DC Barrel Plug	5.5 x 2.5 x 7.5mm, Positive Pin, Negative Sleeve
CONNECTIONS	

Number of Ports	8
Side A - Connector 1	3.5MM (FEMALE); DB9 (FEMALE); (8) HDMI (FEMALE); RJ45 (FEMALE)
Side B - Connector 1	(8) 3.5MM (FEMALE); (8) HDMI (FEMALE)
Input x Output	8 x 8
USER INTERFACE, ALERTS & CONTROLS	
LED Indicators	RJ45 Port: Green (Power), Yellow (Signal/Data), Pushbuttons: Blue
PHYSICAL	
Color	Black
Material of Construction	Steel
Rackmountable	Yes
Shipping Dimensions (hwd / in.)	22.24 x 11.81 x 3.74
Shipping Dimensions (hwd / cm)	56.49 x 30.00 x 9.50
Shipping Weight (lbs.)	8.53
Shipping Weight (kg)	3.87
Unit Dimensions (hwd / in.)	17.320 x 9.840 x 1.730
Unit Packaging Type	Box
Unit Weight (lbs.)	6.94
Unit Weight (kg)	3.15
ENVIRONMENTAL	
Operating Temperature Range	32° to 113°F (0° to 45°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	Yes
IR Remote Extension Support	Yes
FEATURES & SPECIFICATIONS	
Integrated/Removable Cable	No
MST Support	No
Mounting Accessory Included	No
Multi-Resolution Support	No
Port Selection	Pushbutton; Remote Selector; Software
HDCP Specification	2.2

DIN Mountable	No
STANDARDS & COMPLIANCE	
External Power Supply Certifications	CE; ETL; GS; TUV
Product Compliance	RoHS; CE (Europe); REACH; FCC (USA)
WARRANTY & SUPPORT	
Product Warranty Period (Worldwide)	3-year limited warranty

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