BZB GEAR®
Solutions to Amplify Your World™

BG-8K-44MA

4X4 8K UHD HDMI 2.1 MATRIX SWITCHER WITH AUDIO DE-EMBEDDER (8K60, 4K120 4:4:4 10BIT VRR, FVA, ALLM SUPPORT)

With four HDMI 2.1a inputs and four HDMI 2.1a outputs, the BG-8K-44MA 8K HDMI matrix switch allows users to share up to four HDMI sources with up to four displays. Perfect for when you need to change multiple sources to show on various displays or even select just one source to show on all displays with the press of a button. Professional-grade picture and audio quality are achieved with support for 8K resolutions and various high-quality audio formats.

For gamers, the ability to display high-resolution graphics at high frame rates is crucial for a smooth and immersive gaming experience. With support for 4K resolution at 120Hz, the BG-8K-44MA can help ensure that your games are displayed with the highest level of detail and fluidity. This is particularly important for fast-paced games where a high frame rate can make a significant difference in your ability to react to in-game events. Whether you're playing competitively or just looking for the most realistic and engaging gaming experience possible, the 8K HDMI 4x4 matrix switcher's support for 4K at 120Hz can help you get the most out of your favorite games.

FEATURES

4X4 ROUTING
Features 4 x HDMI inputs which can be independently routed to 4 x HDMI outputs

HDCP COMPLIANT
HDMI 2.1a (48Gbps) HDCP 2.3 (and all earlier versions supported)

8K AND 4K@120HZ
Up to 8K@60Hz 4:2:0, 8K@30Hz 4:4:4 and 4K@120Hz 4:4:4 8K to 4K or 8K/4K to1080p

AUTO SCALING
Down Scaling on all outputs

CONTROL OPTIONS
Control via front panel, IR, RS-232, and TCP/IP (Web GUI)

EDID MANAGEMENT
Seamless scaling for the best results

TECH SPECIFICATIONS

Technical

HDMI Compliance	HDMI 2.1
HDCP Compliance	HDCP 2.3
Video Bandwidth	1200MHz/48Gbps
Video Resolution	Up to 8K60Hz 4:2:0, 8K30 Hz 4:4:4 and 4K120 4:4:4
Color Space	RGB_4:4:4, YCbCr_4:4:4, YCbCr_4:2:2, YCbCr_4:2:0
Color Depth	8/10/12-bit
HDR Formats	HDR, HDR10, HDR10+, Dolby Vision, HLG
Audio Formats	**HDMI In/Out:** LPCM 2.0, Dolby Digital/Plus/EX, Dolby True HD, Dolby Atmos, DTS, DTS-EX, DTS High Res, DTS-HD Master Audio, DSD **Optical Outputs:** LPCM 2.0, Dolby, DTS 5.1 **Balanced Analog Audio Outputs:** LPCM 2.0
ESD Protection	Human body model — ±8kV (Air-gap discharge) & ±4kV (Contact discharge)

Connection

Input ports	4 × HDMI [Type A, 19-pin female]
Output ports	4 × HDMI [Type A, 19-pin female] 4 × S/PDIF Optical 4 × Balanced Stereo Audio [3.81mm, 5-pin Phoenix Connector]
Control ports	1 × TCP/IP [RJ45] 1 × RS-232 [D-Sub 9] 1 × IR EXT [3.5mm, Stereo Mini-jack]

Mechanical

Housing	Metal Enclosure
Color	Black
Dimensions	17in (W) × 8in (D) × 1.8in (H) [440mm (W) × 203mm (D) × 44.5mm (H)]
Weight	5.9 lbs [2.67kg]
Power Supply	Input: AC 100 - 240V 50/60Hz, Output: DC 24V/3.75A (US/EU standard, CE/FCC/UL certified)
Power Consumption	45W (Max)
Operating Temperature	32 - 104°F / 0 - 40°C
Storage Temperature	-4 - 140°F / -20 - 60°C
Relative Humidity	20~90% RH (non-condensing)

Industry-Leading Warranty & Support

BZBGEAR Pro AV products and Cameras come with a three-year warranty. An extended two-year warranty is available for our Cameras upon registration for a total of five years. We pride ourselves in our Customer Service and seven-days-a-week Tech Support.

LIFETIME
PRODUCT SUPPORT

PRO AV	CAMERAS
3	**5**
YEAR WARRANTY	YEAR WARRANTY