BG-8K-MA
8K Matrix Switcher Series

BG-8K-22MA (2X2)
BG-8K-44MA (4X4)
BG-8K-88MA (8X8)

8K UHD HDMI 2.1 Matrix Switcher with Audio De-embedder (8K60, 4K120 4:4:4 10bit VRR, FVA, ALLM support)

With HDMI 2.1a inputs and HDMI 2.1a outputs, 8K HDMI matrix switch allows users to share up multiple HDMI sources with multiple 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.

FEATURES

• Features 2/4/8x HDMI inputs which can be independently routed to 2/4/8x HDMI outputs
• HDMI 2.1a (2x2: 40Gbps; 4x4/8x8: 48Gbps)
• HDCP 2.3 (and all earlier versions supported)
• Up to 8K@60Hz 4:2:0, 8K@30Hz 4:4:4 and 4K@120Hz 4:4:4
• 8K to 4K or 8K/4K to 1080p Down Scaling on all outputs
• HDR, HDR10, HDR10+, Dolby Vision pass through
• VRR, ALLM, QMS, QFT, SBTM are supported
• Digital S/PDIF and Balanced audio output
• Control via front panel, IR, RS-232 and TCP/IP (Web GUI)
• Advanced EDID management
Specifications

Technical

HDMI Compliance: HDMI 2.1
HDCP Compliance: HDCP 2.3
Video Bandwidth: BG-8K-22MA: 40Gbps;
BG-8K-44MA/BG-8K-88MA: 48Gbps
Video Resolutions: Up to 8K@60Hz 4:2:0 10bit, 8K@30Hz 4:4:4 10bit, 4K@120Hz 4:4:4 10bit
Color Depth: 8/10/12-bit
Color Space: RGB, YCbCr 4:4:4 / 4:2:2, YUV 4:2:0
Audio Formats:
HDMI input/output: LPCM, Dolby Digital/Plus/EX, Dolby True
HD, DTS, DTS-EX, DTS-96/24, DTS High Res, DTS-HD Master
Audio, DSD
Audio de-embedding output:
Optical: LPCM 2/5.1 CH, Dolby Digital 2/5.1 CH, DTS 2/5.1 CH
Analog: PCM 2.0
ESD Protection: Human-body model:

Mechanical

Housing: Metal Enclosure
Silkscreen Color: Black
Power Supply:
Input: AC 100-240V 50/60Hz
Output: DC 5V/2A
(US/EU standards, CE/FCC/UL certified)
Power Consumption: 6.2W (Max)
Operation Temperature: 32°F - 104°F / 0°C - 40°C
Storage Temperature: -4°F - 140°F / -20°C - 60°C
Relative Humidity: 20-90% RH (non-condensing)

Recommended HDMI Cable

Video Resolution: 8K, 4K60, 4K24, 1080P
HDMI Cable Type: Ultra HDMI 2.1, HDMI 2.0, HDMI 1.4, HDMI 1.4
HDMI Cable Length (HDMI IN / OUT): 3m/10ft, 8m/26ft, 12m/39ft, 15m/49ft

The use of “Premium High Speed HDMI” cable is highly recommended

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 YEAR WARRANTY

5 YEAR WARRANTY

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