

BG-8K-MA 8K Matrix Switcher Series

BG-8K-22MA (2X2) Direktronik Art 20124337

BG-8K-44MA (4X4) Direktronik Art 20124340

BG-8K-88MA (8X8) Direktronik Art 20124339

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

BG-8K-22MA

2X2 Matrix Switcher



BG-8K-44MA

4X4 Matrix Switcher



BG-8K-88MA

8X8 Matrix Switcher



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	5
YEAR WARRANTY	YEAR WARRANTY