BZBGEAR®
Amplify Your World™

BG-UHD-MVS42MA

4X2 4K UHD HDMI SEAMLESS SWITCHER/QUAD MULTIVIEWER WITH AUDIO DE-EMBEDDER

The 4K@60 4x2 Multiviewer Seamless UHD Video Matrix Switcher is designed to allow you to display multiple video sources at 4K resolution on two screens. It combines four video signals and allows you to manage each input, create combinations of the four inputs, and adjust their positions on the displays.

Besides instant switching between 4 sources and routing to two displays the BG-UHD-MVS42MA has the ability to display the four video inputs in a Picture-in-Picture (PIP) or Picture-by-Picture (PBP) mode. In PIP mode, one of the video inputs is displayed as a small inset window on top of the other input, which takes up the majority of the screen. In PBP mode, the four video inputs are displayed side-by-side, taking up equal or partial amounts of screen space.

This device supports a wide range of input resolutions up to 4096x2160p 60Hz. It also could de-embed audio from any of the sources in different formats for your external audio system. Supported audio formats are LPCM, AC3, DD+, DTS, DTS- HD. User can control the volume of audio in LPCM format.



Multiple control options are available for the BG-UHD-MVS42MA. It can be controlled through the front panel buttons, an IR remote, or RS-232 commands. EDID control is available through the RS-232 interface.

FEATURES

SECURE CONTENT
HDMI 2.0b, HDCP 2.2, and HDCP 1.x compliant

4K RESOLUTION
Input and output resolution up to 4K2K@60 4:4:4

AUDIO MANAGEMENT
LPCM, DD+, DTS, Dolby TrueHD, DTS HD-master pass-through

EDID MANAGEMENT
Seamless scaling for the best results

CONTROL OPTIONS
Control via front panel buttons, IR remote, RS-232 commands

COMPACT DESIGN
For easy and flexible installation

TECH SPECIFICATIONS

Technical

HDMI Compliance	HDMI 2.0b
HDCP Compliance	HDCP 2.2 / 1.x
Video Bandwidth	18Gbps
Video Resolutions	Up to 4K2K@60 4:4:4
IR Level	5Vp-p
IR Frequency	38KHz
Color Depth	8/10/12-bit
Color Space	RGB, YCbCr 4:4:4, YCbCr 4:2:2, YCbCr 4:2:0
Audio Formats	**HDMI audio:** PCM2.0/5.1/7.1CH, Dolby Digital/Plus/EX, Dolby True HD, DTS, DTS-EX, DTS-96/24, DTS High Res, DTS-HD Master Audio **Analog audio [3.5mm L/R]:** PCM2.0 **Optical fiber audio:** Dolby PCM2.0/5.1/7.1CH, Dolby Digital/plus, DTS 5.1
ESD Protection	Human-body model: ±8kV (Air-gap discharge) & ±4kV (Contact discharge)
Input ports	4 x HDMI IN [Type A, 19-pin female]
Output ports	2 x HDMI OUT [Type A, 19-pin female] 2 x L/R OUTPUT [RCA] 2 x OPTICAL OUTPUT [S/PDIF]
Control ports	1 x RS-232 [3pin-3.81mm phoenix connector] 1 x IR EXT [3.5mm Stereo Mini-jack]



Limited Product Warranty Terms

Pro Line: 5-year warranty from the date of purchase for AV/Broadcasting products bought on or after August 1, 2024.

Essential Line: 3-year warranty from the date of purchase for AV/Broadcasting products bought on or after August 1, 2024.

Cables: Lifetime Limited Product Warranty.

For complete warranty information, please visit **bzbgear.com/warranty.**
For questions, please call **1.888.499.9906** or email **support@bzbgear.com.**

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