

BG-UHD-DA2X8

2X8 4K UHD HDMI SPLITTER/DISTRIBUTION
AMPLIFIER WITH CEC SUPPORT

The BG-UHD-DA2X8 is an 8-way 4K HDMI splitter with two inputs. With a maximum resolution of 4K@60Hz, this unit makes it easy for users to share two 4K sources with up to 8 displays. This device is a simple, cost-effective solution for restaurants, bars, and retail spaces.

The BG-UHD-DA2X8 supports resolutions up to 4K@60Hz (4:4:4). This device is also compliant with HDCP 2.2 and HDMI 2.0. With the automatic 4K to 1080P downscaling feature, legacy displays can easily be integrated with no extra setup required. The integrated equalizer ensures stable signal is sent to all outputs, while the EDID management provides stable HDMI connections to all displays.

Audio Extraction is provided via the stereo RCA and Toslink connections, allowing the BG-UHD-DA2X8 to be connected to an external audio system. CEC control allows the splitter to turn compatible displays on, off, and adjust volume levels for easy centralized control.



4K SUPPORT

Supports resolutions up to 4K@60Hz with
4:4:4 Chroma sampling



VIDEO SCALING

Supports 4K to 1080p down-scaling



CUSTOMIZABLE EDID

Eliminates HDMI connection issues



VOLUME CONTROL

Easily adjust audio output signal levels



DUAL INPUT

Easily toggle between sources



AUDIO DE-EMBEDDING

Features RCA Stereo and Toslink outputs



TECH SPECIFICATIONS

Video Input

Input	2x HDMI
Input Connector	2x Female type-A HDMI
HDMI Input Resolution	Up to 4Kx2K@60Hz 4:4:4 8bit
HDMI Standard	2.0
HDCP Version	2.2
CEC	Supported

Video Output

Output	8x HDMI
Output Connector	8x Female type-A HDMI
HDMI Output Resolution	Up to 4Kx2K@60Hz 4:4:4 8bit
HDMI Standard	2.0
CEC	Supported

Audio

De-embedded Output	1x AUDIO OUT, 1x SPDIF OUT
Output Connector	1x RCA (L/R) jack, 1x Toslink connector
HDMI Audio Format	LPCM 7.1 audio, Dolby Atmos®, Dolby® TrueHD, Dolby Digital® Plus, DTS:X, and DTS-HD® Master Audio pass-through
Stereo Analog L/R Audio Format	PCM
Toslink Digital Audio Format	PCM, Dolby Digital, DTS, DTS-HD
Frequency Response	20Hz - 20KHz, ±3dB
Max Output Level	2.0Vrms ± 0.5dB. 2V = 16dB headroom above -10dBV (316mV) nominal consumer line level signal
THD+N	<0.05% (-80 dB), 20Hz - 20KHz bandwidth, 1KHz sine at 0dBFS level (or max level)
SNR	>80dB, 20Hz ~ 20KHz bandwidth
Crosstalk Isolation	>70dB, 10KHz sine at 0dBFS level (or max level before clipping)
L-R Level Deviation	< 0.3dB, 1KHz sine at 0dBFS level (or max level before clipping)
Frequency Response Deviation	<± 0.5 dB 20Hz ~ 20KHz
Output Load Capability	1Kohm and higher (supports 10x paralleled 10k ohm loads)
Stereo Channel Separation	>70dB@1kHz

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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Cables Products
LIFETIME WARRANTY





TECH SPECIFICATIONS

Control

Control Part	5x Control buttons, 1x EDID 3-pin DIP switch; 1x EDID 4-pin DIP switch, 1x Micro-USB port
Input Connector	2x Female type-A HDMI
HDMI Input Resolution	Up to 4Kx2K@60Hz 4:4:4 8bit
HDMI Standard	2.0
HDCP Version	2.2
CEC	Supported

General

Bandwidth	18Gbps
Operation Temperature	14°F ~ 131°F / -10°C ~ +55°C
Storage Temperature	-13°F ~ 158°F / -25°C ~ +70°C
Relative Humidity	10%-90%
Power Supply	Input:100V~240V AC; Output: 12V DC 1A
Power Consumption	12W(Max)
Dimension (W*H*D)	12.6" x 0.8" x 3.9" [324mm x 20mm x 100mm]
Net Weight	About 2lbs [900g]



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