BZB GEAR®

BG-UHD-DA2X8
2X8 HDMI 4K Splitter/Distribution Amplifier w/CEC Turn On/Off TV

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.

FEATURES

• Supports resolutions up to 4K@60 Hz with 4:4:4

• Supports 4K to 1080p down-scaling

• Customizable EDID - Eliminates HDMI connection issues

• Easily adjust audio output signal

• Dual Input - Easily toggle between sources

• Features RCA and Toslink outputs

• 18Gbps high bandwidth

• Built-in equalizer for signal enhancement to avoid signal attenuation in transmission

• HDMI inputs support HDCP 2.2 and the outputs support HDCP1.4

Video Input

Input: (2) HDMI

Input Connector: (2) 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: (8) HDMI

Output Connector: (8) 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: (1) AUDIO OUT; (1) SPDIF OUT

Output Connector: (1) RCA (L/R) jack; (1) 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, 33dB

Max Output Level: 2.0Vrms 3 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: <3 0.5 dB 20Hz ~ 20KHz

Output Load Capability: 1k ohm and higher (supports 10x paralleled 10k ohm loads)

Stereo Channel Separation: >70dB@1kHz

Control

Control Part: (5) Control buttons, (1) EDID 3-pin DIP switch; (1) EDID 4-pin DIP switch, (1) Micro-USB port

General

Bandwidth: 18Gbps

Operation Temperature: 14°F ~ 131°F / -10°C ~ +55°C

Storage Temperature: -13°F ~ 158°F / -25°C ~ +70°C

Relative Humility: 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 2 lbs [900 g]

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.

Pro AV **3** Year Warranty | **Cameras** **5** Year Warranty | **Lifetime** Product Support

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