

**BG-AU88-MA**

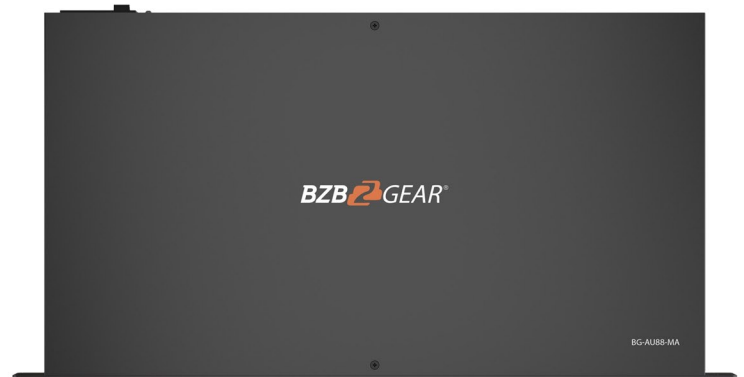
**8X8 Digital Audio Processor with RS-232,  
TCP/IP and PC program control**

The BG-AU88-MA is a powerful DANTE-equipped audio mixer equipped with 4 microphone input channels, 6 line input channels, 10 line output channels, and a DANTE output. Packed with useful features like full-band Adaptive Echo Cancellation (AEC), Adaptive Noise Suppression (ANS), Automatic Gain Control (AGC), and auto-mixing, this audio processor outputs clear, clean, and detailed audio with a high signal-to-noise ratio.

The BG-AU88-MA is compliant with HDMI 2.0b and can process HDMI audio. It also features an HDMI loop-out and supports HDMI audio embedding and de-embedding. This device also has a 48V phantom power supply for the four microphone input channels.

**FEATURES**

- Route any input to any output
- Convert analog and HDMI audio sources to Dante
- 24-bit ADC and DAC, 48KHz sampling
- Expander, EQ, Compressor, Auto-Gain, Limiter, HPF, LPF, and Delay for each audio channel
- 48V power for each mic input
- Full control of all parameters with a Windows 7/10 PC
- HDMI 2.0b compliant
- Support HDMI audio signal input, loop out, audio embedding and de-embedding
- Provide 4-ch balanced MIC inputs, 6-ch balanced linear inputs and 10-ch balanced linear outputs



# Specifications

## Technical

HDMI Compliance: HDMI 2.0b  
Amplitude-frequency (20Hz~20KHZ@+4dBu): MIC input: -0.5 / -0.5dB; Linear input: -0.2 / -0.2dB  
THD+N (1KHZ@+4dBu):  $\leq 0.01\%$   
EIN (MIC input):  $\leq -125\text{dBu}$   
SNR (linear input):  $\geq 90\text{dB}$   
Dynamic Range:  $\geq 100\text{dB}$   
Channel Level Difference: -0.5 / -0.5dB  
Channel Isolation:  $\geq 80\text{dB}$   
Channel Phase Difference:  $\leq 0.5^\circ$   
Max Input Level: 20dBu  
Max MIC Gain: 40dB  
Input Impedance: 20Kff  
Output Impedance: 300ff  
Sampling Frequency: 48KHZ  
A/D and D/A Conversion: 24Bit  
Phantom Power: +48 VDC

## Connection

Inputs: 4 x Balanced MIC [3-pin phoenix connector]; 6 x Balanced LINE [3-pin phoenix connector]; 3 x Stereo Audio [3-pin phoenix connector]  
Outputs: 10 x Balanced LINE [3-pin phoenix connector]; 5 x Stereo audio [3-pin phoenix connector]; 1 x Stereo audio [3.5mm L/R]  
Controls: 1 x LAN [RJ45]; 1 x RS-232 [3-pin phoenix connector]  
Digital Audio Interfaces: 1 x HDMI IN [Type A 19-pin female]; 1 x HDMI OUT [Type A 19-pin female]; 1 x Dante [RJ45]

## Mechanical

Housing: Metal Enclosure  
Color: Black  
Dimensions: 482mm (W) x 250mm (D) x 45mm (H)  
Weight: 2.9kg  
Power Supply: AC 100 - 240V 50/60Hz  
Power Consumption: 11W(Max)  
Operating Temperature: 0°C - 40°C / 32°F - 104°F

## 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.

