

BG-A1616MD Audio Amplifier

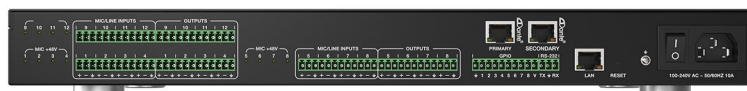
16x16 Audio Matrix/Digital Audio Processor with Dante

The BG-A1616MD Digital Audio Processor is a versatile solution designed for video conferences, distance learning, and telemedicine applications. With its advanced features and intelligent algorithms, this processor delivers exceptional audio quality and seamless control. It is equipped with 12-ch MIC/linear inputs, 12-ch linear outputs, and two DANTE ports for low-latency audio processing. This powerful processor is ready to use immediately, ensuring hassle-free installation and project implementation.



FEATURES

- Dante Ports: Two Dante ports for low-latency audio processing monitoring
- Auto Mixer: for prioritizing microphone inputs
- Quality Control: Adaptive feedback suppression, full-band acoustic echo cancellation, and dynamic adaptive noise reduction technologies
- DSP Modules: Fine-tuning audio signals with DSP modules (Expander, Equalizer, Compressor, Auto Gain Control, Limiter, High Pass Filter, Low Pass Filter, and Delay)
- Windows 7 and 10 compatibility
- Advanced control: Advanced control capabilities through RS-232 serial commands control
- 12-ch MIC/linear inputs
- 12-ch linear outputs
- Seamless audio signal routing with 12-ch balanced MIC/linear inputs and 12-ch balanced linear outputs



Specifications

Technical

Amplitude-frequency (20Hz~20kHz@+4dBu)	±0.2dB
THD+N (1kHz@+4dBu)	≤ 0.01%
SNR (linear input)	≥ 90dB
Dynamic Range	≥ 100dB
Channel Level Difference	±0.5dB
Channel Isolation	≥ 80dB
Max Input Level	20dBu
Max MIC Gain	40dB
Input Impedence	20KΩ
Output Impedence	300Ω
Sampling Frequency	48kHz
A/D and D/A Conversion	24Bit
Phantom Power	+48 VDC

Connection

Inputs	12 x Balanced MIC/LINE [3-pin phoenix connector] or 6 x Stereo Audio [3-pin phoenix connector]
Outputs	12 x Balanced LINE [3-pin phoenix connector] or 6 x Stereo Audio [3-pin phoenix connector]
Controls	1 x LAN [RJ45] 1 x RS-232 [3-pin phoenix connector] 8 x GiPO [10-pin phoenix connector]
Digital Audio Interfaces	2 x Dante [RJ45]

Mechanical

Housing	Metal Enclosure
Color	Black
Dimensions	17" x 9.8" x 1.8" [440mm (W) x 250mm (D) x 45mm (H)]
Weight	7.4lbs [3.37kg]
Power Supply	AC 100 - 240V 50/60Hz
Power Consumption	11W (Max)
Operating 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)

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 YEAR WARRANTY	5 YEAR WARRANTY