

BG-AMP2X20

2-CHANNEL 40W 4/8 OHMS STEREO/MONO AUDIO AMPLIFIER

The BG-AMP2X20 is a versatile and compact bridgeable digital stereo amplifier (Class-D). Perfect for installations with limited space, it can be operated in three different configurations. In stereo configuration the amplifier outputs 2x20 watts at 4 Ohms. The selector switch also allows for dual-mono operation for distributed audio applications. In bridge-mono configuration it can double the output to 40 watts at 8 Ohms.

Inputs include 1 x stereo RCA, 1 x 3.5mm, and a microphone input with switchable 48v phantom power. Bass, Treble, volume level, and input selection are all controllable via the integrated buttons on the bottom panel, IR remote control, or RS-232.

The features and performance combined with its compact form factor make this amplifier the perfect solution for situations that don't allow a full-sized amplifier.



MICROPHONE INPUT

3-level Mic input with mixer function



AMPLIFY YOUR SOUND

Outputs Stereo 20Watt@4 Ohms or bridged mono 40Watt@8 Ohms



COMPACT

Small form factor ideal where full-sized amplifiers will not fit



MULTIPLE CONTROL OPTIONS

Take control using RS232, IR, or push buttons



DURABLE

Metal enclosure designed to last for years



BASS, TREBLE, & VOLUME

Control bass, treble and volume levels conveniently using integrated push buttons



TECH SPECIFICATIONS

Audio Input

Input	2x stereo audio, 1x MIC
Input Connector	2x RCA, 1x 3.5mm jack, 1x pluggable terminal block (3P, 3.81mm)
Input Impedance	>10KΩ

Audio Output

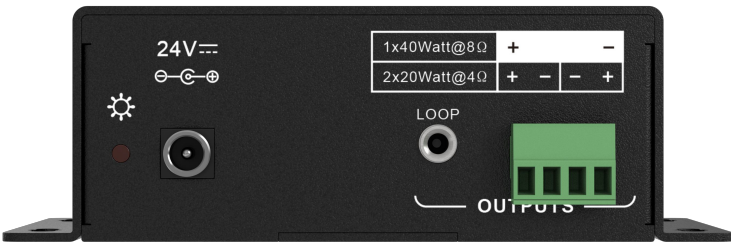
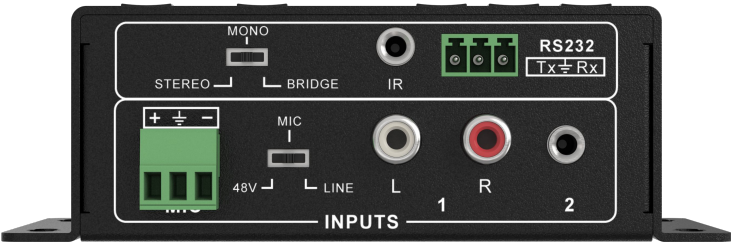
Output	1x amplifier, 1x stereo audio
Output Connector	1x 3.5mm jack, 1x pluggable terminal block (4P, 5.08mm)
Output Impedance	50Ω/stereo, 4~8Ω/Amplifier

Audio General

Frequency Response	20Hz ~ 20KHz
SNR	80dB at maximum output
Stereo Channel Separation	>75dB@20Hz to 20KHz
SNR	80dB at maximum output
Voltage Gain	32dB
CMRR	>70dB@20Hz ~ 20KHz
Bandwidth	20Hz ~ 25KHz
THD + Noise	1%@1KHz, 0.3%@20KHz at nominal level
Power Output	2x20 Watts (4 Ohms)

Control Function

RS232 Control	3-hole phoenix connector
IR Remote	Optional IR remote
Panel Control	Optional button control



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](https://www.bzbgear.com/warranty).
For questions, please call 1.888.499.9906 or email support@bzbgear.com.

Pro Line Products
5-YEAR WARRANTY

Essential Line Products
3-YEAR WARRANTY

Cables Products
LIFETIME WARRANTY