

BG-AMPC40**40 Watt 70V Stereo/Mono 2CH Audio Amplifier**

The BG-AMPC40 is a 40-Watt digital stereo amplifier (Class-D) with switchable output of 70V or 100V. Inputs include 2 stereo inputs (1x3.5mm port for line in, 2xRCA for L&R), 1 TOSLINK input, and 1 balanced MIC input. The 3-pin MIC input has selectable 48V phantom power, supports balanced or unbalanced signals, and features external noise suppression.

Integrated functions include ducking, EQ control, and MIC mixer. The rotary knob allows users to choose from 16 IR ID codes for easy control of multiple amplifiers.

**FEATURES**

- Mono audio output at 40Watt
- 16 ID codes for controlling between different amplifiers
- Two stereo audio inputs and one digital audio input, switchable by button, IR remote & RS232
- Convection cooler, fan is not needed
- Switchable between 70V and 100V
- 3-level MIC input, supports condenser microphone, dynamic microphone and wireless microphone
- Volume/Bass/Treble controllable by buttons, IR remote & RS232
- MIC port can support balance/unbalance signal, suppress the external noise effectively



Specifications

Audio Input

Input: (2) Stereo Audio (1) MIC (1) Digital Fiber Audio

Input Connector: (2) RCA (1) 3.5mm Jack (1) 3-pole 3.81mm Captive Screw Connector (1) SPF Fiber Connector

Input Impedance: >10Kff

Audio Output

Output: (1) Mono Amplifier

Output Connector: (1) 3-pole 3.81mm Captive Screw Connector

Output Type: Constant voltage 70V or 100V.

Audio General

Frequency Response: 120Hz ~ 20KHz

CMRR: >70dB@20Hz~20KHz

SNR: 80dB (Max)

Bandwidth: 120Hz ~ 20KHz

Rated Power Output: 40Watt

THD + Noise: 1%@1KHz, 0.3%@20KHz at nominal level

Voltage Gain: 26dB

Control Function

RS232 Control: (1) 3-pole 3.81mm Captive Screw Connector

Front Panel Control: Buttons

ID Code Control: 16 ID Codes for control.

Optional: IR Remote & TCP/IP controlled by programmable interface

General

Temperature: -10 ~ +40°C

Humidity: 10% ~ 90%

Power Supply: DC 24V 2.71A Power Adapter

Standby Power Consumption: 5W

Case Dimension (WxHxD): 130 x 44 x 144mm (1U high)

Product Weight: 860g

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.

