



AA-AM140-HZ

40W High Impedance 70/100V Audio Mixing Amplifier with RS-232 Volume Control



The VitBest AM-AM140-HZ is a 40 Watt power amplifier (Class-D) with output alternatively at 70V or 100V. It has 2 stereo inputs (1x3.5mm jack for line in, 2xRCA for L&R), 1 digital input & 1 balanced MIC. It is integrated with powerful functions, including ducking function, EQ control, MIC mixer etc., and MIC input supports 3 levels with condenser MIC, dynamic MIC & line audio input. As for power amplifier we have normally voltages at 70V and 100V for different countries, but the amplifier is designed to integrate with both voltages to meet different requirements.

FEATURES

- Mono audio output at 40Watt
- Switchable between 70V and 100V
- Ducking function
- 16 ID codes for controlling between different amplifiers
- 3-level MIC input, supports condenser microphone, dynamic microphone and wireless microphone
- MIC port can support balance/unbalance signal, suppress the external noise effectively.
- Two stereo audio inputs and one digital audio input, switchable by button, IR remote & RS232.
- Volume/Bass/Treble controllable by buttons, IR remote & RS232.
- Fast switching speed for good performance.
- Convection cooler, fan is not needed.
- LED indicator, for power and working status.
- Antistatic case design to provide good protection for long-term and stable performance

TECHNICAL 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	>10KΩ

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	20Hz ~ 20KHz
CMRR	>70dB@20Hz~20KHz
SNR	80dB (Max)
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

Operation Temperature	0°C ~ +40°C
Storage Temperature	-10°C ~ +60°C
Storage Humidity	10%-90%
Power Supply	DC 24V 2.71A Power Adapter
Standby Power Consumption	5W
Case Dimension	W130 x H44 x D144mm (1U high)
Product Weight	860g



About VitBest

VitBest is a professional digital audio video products manufacturer dedicates in manufacturing high quality, reliable and stable products. For audio-visual system integrators, a trustworthy distribution and control electronics components means much more than their sizes.