

AMV2B

Digital Audio + Mic Amplifier - 2x 20W @ 4Ω

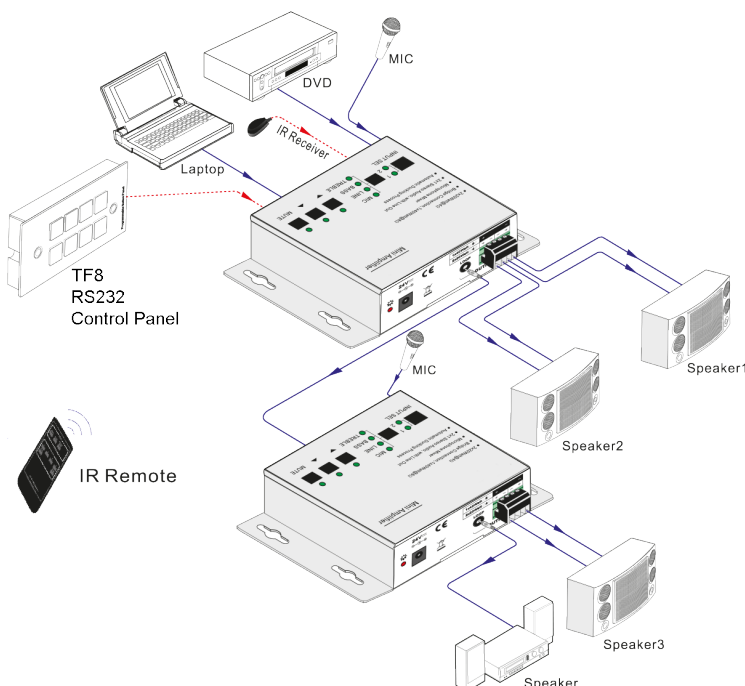


AMV2B is a very compact-size audio mic-amplifier/ digital amplifier (Class- D), with 3 inputs (2 stereo line inputs & 1 MIC input), which supports EQ control and MIC mixing.

The AMV2B can be operated easily using the buttons on the top, RS232 or IR remote control (optional accessory). The amplifier has a 48V phantom power and can be put in bridge mode.

This compact audio amplifier is characterized by its small chassis dimension and its very powerful insides, these include powerful properties like bridgeable outputs (at maximum output), dual mono mode, EQ control, microphone mixing function, etc ... The Digital Amplifier AMV2B is particularly suitable for installation in cable ducts, false ceilings, sub-distributors, furniture etc ...

- 2x stereo Line-Inputs for 2 sources (switchable by button, IR remote & RS232) + 1x 3-level Mic witch mixer funktion
- Integrated tone control
- MIC port can support balance/unbalance signal, suppress the external noise effectively.
- MIC input supports 48V phantom power, dynamic MIC and wireless MIC.
- Auto noise gate. It keeps detecting the audio and MIC input, will mute the output when there is no input.
- 2 x 20Watt @ 4Ohm as the default amplifier output
- Bridge connection function. The user can switch the AMV2B to be 1x40Watt@8Ohm by bridge connection.
- MIC mixer function. The microphone will be mixed to the line audio output, and be controlled separately.
- Fully controllable via buttons, RS232 oder IR remote (optional)
- Volume, Bass & Treble adjustable by buttons or RS232
- Line audio output at 3.5mm jack, with volume controllable.
- Locking Power Supply
- Very fast switching speed
- Convection cooler, fan is not needed.
- LED indicator, for power and working status.



Specification	
Audio Input	2x stereo (L+R RCA, 3,5mm jack) 1x MIC (3P captive screw connector)
Audio Output	1x stereo loop output adjustable (3,5mm jack) 1x amplifier (4P captive screw connector)
Output Type	Constant resistance 4Ω/ 8Ω
Power Output	2x 20W / 1x 40W (Bridgemode)
Voltage Gain	32 dB
Frequency Response	20Hz ~ 20KHz
CMRR	>70dB @ 20Hz ~ 20KHz
SNR	80dB at maximum output
Stereo Channel Separation	>75dB @ 20Hz bis 20KHz
Bandwith	20Hz ~ 25KHz
THD + Noise	1% @1KHz
Control	Buttons, RS232, optional IR remote
Power Supply	(24 V DC, 2,5A)
Weight	300g (approx.)
Chassis Dimension (WxHxT)	99 x 39,5 x 87 mm