

## Highlights:

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- Compact design
- Energy-star certified (version 3.0)
- Balanced stereo line input
- 1 x Microphone input
- Remote wall mixer & volume controller option
- Standby energy saving mode
- Stereo & bridged mode

## Product information:

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The AMP20 is a mini stereo power amplifier with a power rating of 2 x 15 Watt, that lends itself perfectly to small speaker systems requiring compact and economical audio solutions. It offers the ideal solution for applications such as class rooms, offices and meeting rooms where only a small amount of speakers are required. The compact size and very high efficiency makes it perfectly suited to be hidden in a closet, on a false ceiling or mounted under a desk or table. The combination of the stereo balanced line, with microphone input, makes it perfectly suited for applications where it should be used in combination with projection screens and video sources while a microphone is connected. Two gain potentiometers make it possible to control the sensitivity and balance between music and speech, while a switch allows bridging of the output channels to obtain one channel with merged output power. A remote wall mixer can be connected for applications where local mixing for the inputs is desirable, while large distances can be covered between the source and amplifier using simple CAT5 twisted pair cabling. The volume controller input allows connection of an additional wall controller for overall volume control. The Class-D amplifier technology, standby mode and included switching power supply makes this device compliant to the highest energy efficiency and environmental requirements. A variety of optionally available mounting brackets for the AUDAC S-Box product range are allowing desk, closet or 19" equipment rack installation.

## Applications:

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- Bars & Restaurants
- Education
- Corporate
- Residential



## Certification:

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## System specifications:

Continuous power (AES)	@ 4 $\Omega$ Stereo		2 x 15 W	
	@ 8 $\Omega$ Stereo		2 x 7.5 W	
	@ 8 $\Omega$ Bridge		30 W	
Inputs	Balanced Stereo	Type	1 x Stereo Balanced Line	
		Connector	2 x 3-pin Euro Terminal Block (Pitch - 0.15 ")	
		Impedance	20 k $\Omega$	
			Sensitivity	-12 dBV ~ +12 dBV
	Balanced Microphone	Type	1 x Balanced Microphone	
		Connector	3-pin Euro Terminal Block (Pitch - 3.81 mm)	
		Impedance	47 k $\Omega$	
			Sensitivity	-50 dBV ~ -18 dBV
	Other	Connector	RJ45	
		Type	1 x Remote Volume controller	
Connector		RJ45		
Outputs	Type		1 x Stereo Loudspeaker	
	Connector		4-pin Euro Terminal Block (Pitch - 5.08 mm)	
THD+N (@ 1 kHz)			< 0.1%	
Crosstalk (@ 1 kHz)			< -75 dB	
Signal / Noise			> 95 dB	
Power	Consumption	Standby	0.8 W (PSD241 included)	
		Supply	24V DC (PSD241 switching Power supply included 100 ~ 240V AC / 47 ~ 63 Hz)	
Efficiency			87%	
Cooling			Convection cooled	
Protection			Over heating	
			Over load	
			DC Short circuit	
			Signal limiting	
Energy certification			Energy Star 3.0	

## Product Features:

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Dimensions		4.25 x 1.73 x 6.50 " (W x H x D)
Weight		1.76 lb
Accessories	Included	PSD241 - Power supply 24V / 1.67 A (Efficiency Level V)
	Optional	VC3208 Remote volume controller
		WP523 Remote wall mixer
		MBS1xx Optional Wall mounting brackets
		TR3030 100V Transformer 30 W