



AH150.2 / AH300.2 / AH500.2

High Voltage Class-D Amplifiers



Features

- 150W x 2 70V/100V
- 300W x 2 70V/100V
- 480W x 2 70V/100V
- Amp disabled/ Prior/ Failure Status
- Power supply options : PCF / AVS, ErP
- Other options: DSP, Dante Ultimo

AH150.2, AH300.2 and AH500.2 are compact, light and powerful high voltage Class-D amplifiers dedicated to fixed installations. They respectively deliver 150W x 2, 300W x 2 and 480W x 2 on 70V/100V line.

At request they can be equipped with PFC or AVS (Automatic Voltage Switch) and ErP (Energy related Product) power supply. Other options are available at request like Dante Ultimo and DSP.

All amplifiers feature warning information and commands, like Failure Status, Amplifier Disable, Prior and Rest Alarm for easy reporting and servicing.

Specifications

MODEL	AH150.2	AH300.2	AH500.2
Power 70V (RMS)	One Channel Driven	150W x 2	300W x 2
	All Channel Driven	135W x 2	270W x 2
Power 100V (RMS)	One Channel Driven	150W x 2	300W x 2
	All Channel Driven	135W x 2	270W x 2
Input Sensitivity (Limiter Off)	0.9 - 1.1V (+0/-1dBv)		
Input Impedance	20kΩ balanced or 10kΩ unbalanced		
Frequency Response (At 10dB Below Rated Output Power)	100Hz~15kHz (+0/-3dB)		
Voltage Gain (100V)	40 (+0/-1dB)	40 (+0/-1dB)	40 (+0/-1dB)
THD + N (Ref. 1kHz 1/8 Rated Power, A-Weighted)	<0.1%		
S/N Ratio (Ref. Rated Power, A-Weighted)	> 95dB		
Crosstalk (Below Rated Power)	> 70dB		
Damping Factor (1kHz, 8Ω)	> 180	> 180	> 200
Power/Output Circuitry	Switching Power Class-D		
Protections	Full short circuit, open circuit, thermal, ultrasonic, and RF protection stable into reactive or mismatched loads, turn ON/OFF, muting, tried crowbar		
Controls	Front: On/Off Power Switch, Volume Channel A, B Rear : 70/100V selector		
Indicators	SIGNAL: 2 green LED - CLIP 2 red LED POWER: 1 green LED - PROTECTION: 2 red LED		
Connectors	Inputs: Euro Block - Outputs: Euro Block		
Power Supply	AC: 110-120V or 220-240V 50/60Hz		
Dimension (W x D x H)	483 x 360 x 44 mm	483 x 360 x 44 mm	483 x 360 x 44 mm
Weight	4.7 kg	5.1 kg	5.1 kg

Specifications subject to modification without notice



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