

HZA4-70

amplifiers

The HZA4-70 is a four-channel amplifier with direct 100 V line (high impedance) outputs. It's equipped with Ecler's proprietary SPM 100 Technology - Channel N, which allows for 100 V speaker lines connection without using 100 V line transformers, as this kind of amplifiers usually do. This fact has many advantages, being the main ones the audio quality improvement (specially in the low-end frequencies) and the convection cooling, 100% silent.

Key features

- 4 mono balanced inputs
- 4 70 W amplified outputs (100V line level)
- 4 volume remote control ports (0 - 10 VDC)
- Euroblock connectors
- SPM 100 amplification Technology - Channel N (no 100 V output transformers used):
 - Improved frequency response (specially at the low-end)
 - Convection cooling (100% silent and increased reliability)
 - Great efficiency
 - Low weight
- Auto stand-by function after 2 minutes without audio input signals, with instantaneous auto-recovery
- Thermal protection
- Overload protection
- Anti-clip system



Product

Tech. Characteristics

STBY		HZA4-70	
		SP	OVL CLIP TH
Power at bandpass 1% THD: 1 Channel @ 100V		74 WRMS @ 136Ω	
4 Channels @ 100V		64 WRMS @ 136Ω	
Frequency response (-3dB)		30Hz - 50kHz	
High pass filter 3rd order Butterworth		70Hz	
THD + Noise @ 1kHz Full power		<0.05%	
Signal Noise Ratio @ 100V		>90dB	
Channel Crosstalk @ 1kHz/100V		>90dB	
Inputs:	Sensitivity nom/Impedance	0dBV / >20kΩ	
	Connectors	Terminal block (Symmetrical)	
Outputs:	Connectors	Terminal block	
Indicators:	Power	Green (ON), Red (Standby)	
	Signal present		
	Clip	-35dB	
	Overload		
	Thermal		

HZA4-70		SP	OVL CLIP TH
Remote control:	DC		
	No attenuation		
	Full attenuation		
	Connectors		
Auto power:	Threshold		
	Time		
Mains voltage	Depending on your country. See characteristics in the back of the unit.		
Power consumption:	pink noise, 1/8 power @ 136Ω	298VA	
	pink noise, 1/3 power @ 136Ω	407VA	
	Standby	<3W	
Dimensions:	Panel	482,6x88mm	
	Depth (Handle excluded)	373mm	
Weight		10,25kg	

Applications

- Multi-zone BGM and paging systems with 100V line speakers, combined with the MIM054 and MIM088 matrixes and SAM series preamplifiers

Suggested 100V line speakers:

- AUDE0 series
- IC / IW / ICPLUS series
- AMBIT SERIES
- ECL106 series

Suggested remote control accessories:

- WP series wall panels