AMPLIFIERS/

HIGH IMPEDANCE (70/100V)/

HZA4-120F

Applications

- Multi-zone BGM and paging systems with 100V line speakers, combined with the DAM614, MIMO88 matrixes and SAM / eSAM series preamplifiers

Flexi-power Amplifier

ECLER HZA4-120F is a four MERGING channel amplifier with direct 4 x 120 WRMS @ 100 V line (high impedance) outputs. It integrates ECLER's proprietary SPM 100 Technology - Channel N, which allows for 100 V speaker lines connection without using 100 V line transformers at the amplified outputs, 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.
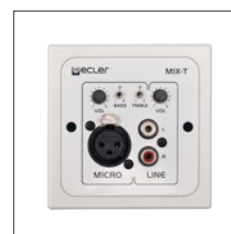

Key Features

- 4 mono balanced inputs
- 4 x 120 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
- Volume control knobs on front panel with protection cap, against undesired manipulation
- Every 2, 3 or 4 adjacent channels can be merged, adding their ouput power and managing their signal routing and volume control as a single merged channel

Main Technical Specifications	POWER 1% THD RMS			
	1 Channel	114W @88Ω		
	2 Merged Channels	195W @50Ω		
	3 Merged Channels	290W @32Ω		
	4 Merged Channels	356W @26Ω		
	Frequency response (-3dB)	30Hz – 55kHz		
	Remote Control	4 x REMOTE ports for remote volume management (WPm series compatible)		
	Dimensions / weight	H: 482.6 mm	L: 88 mm	W: 392 mm	13.60 Kg

Accessories

- WPm series wall panels

WPmMIX-T