

MPA-R SERIES

MPA4-80R, MPA6-80R, MPA4-150R,
MPA6-150R, MPA4-400R

AMPLIFIERS



Line of multi-zone power amplifiers for high end installations

Key features

- 2 RU high, 19" installation multi-channel amplifier series
- Extended linear power supply
- Class D technology in 80W and 150W models and ECLER SPM patented in MPA4-400R model
- Individual input sensitivity controls with sealing possibility to avoid unwanted manipulation
- Signal presence (SP) and CLIP indicators for each channel
- Balanced inputs, XLR connectors (Euroblock in 150W models), Euroblock output connectors
- Stack outputs on all models
- Input channels link switch for superior versatility
- Independent VCA (EUROBLOCK) volume remote control port for each input channel, ready for external 0-10 V signal, compatible with WPM series wall panels
- Noiseless convection cooling (80 and 150 W models)
- Dual Slope Controlled Fan system (MPA4-400R)
- Totally protected against shorting, DC at the outputs and overheating
- Integrated internal 3rd order Butterworth HI-pass and LO-pass x-over (MPA4-150R, MPA6-150R, MPA4-400R) for bi-amped applications
- 2 RU high
- Three year warranty



WPMVOL

Applications

The reliable multi-channel solution for all applications requiring multi-zone audio distribution

- Public Address
- Theme parks
- Clubs
- Theme restaurants
- Multi-purpose halls
- Boardrooms and conference halls
- Franchise retail shops

Accessories

- **DLA600**: dual channel 100V adaptor for MPA4-150R, MPA6-150R and MPA4-400R
- **DLA4-80, DLA6-80**: 4/6 channel 100V adaptor for MPA4-80R and MPA6-80R
- **WPM series** wall panels

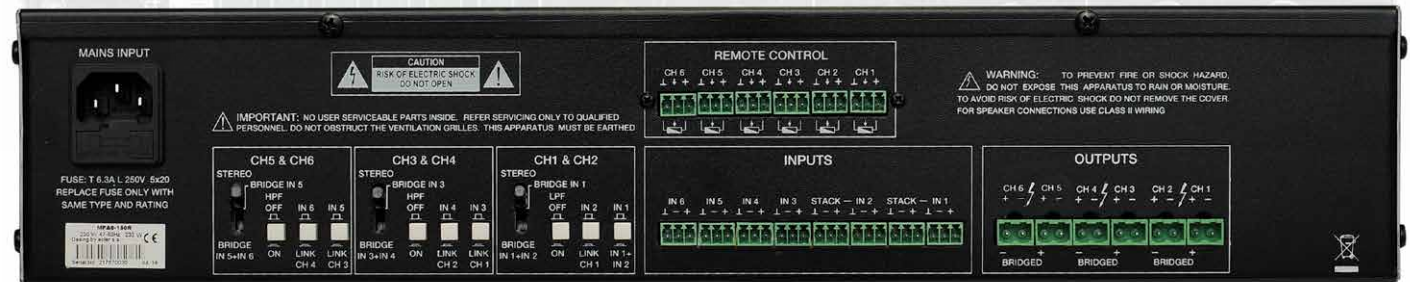
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AMPLIFIERS



4-80R, 6-80R and 4-400R back panel connectors and switches style



4-150R and 6-150R back panel connectors and switches style

Technical Characteristics

	MPA4-80R	MPA6-80R	MPA4-150R	MPA6-150R	MPA4-400R	
POWER 20Hz-20kHz 1%THD	1 Channel @ 4Ω WRMS	80 WRMS	85 WRMS	182 WRMS	200 WRMS	410 WRMS
	1 Channel @ 8Ω WRMS	50 WRMS	52 WRMS	116 WRMS	115 WRMS	230 WRMS
	All Channels @ 4Ω WRMS	55 WRMS	58 WRMS	146 WRMS	123 WRMS	305 WRMS
	All Channels @ 8Ω WRMS	40 WRMS	48 WRMS	99 WRMS	85 WRMS	200 WRMS
	1 Bridged Channel @ 8Ω	117 WRMS	123 WRMS	370 WRMS	350 WRMS	610 WRMS
	All Bridged Channels @ 8Ω			290 WRMS	235 WRMS	
	Frequency response [-1dB]	20Hz - 30kHz		15Hz- 27kHz	15Hz- 35kHz	7Hz - 50kHz
Filter (Hi-lo) 3rd order Butterworth	-					
THD+Noise* @ 1kHz Full Pwr.	<0.02%		<0.05%			
Intermodulation distortion* 50Hz & 7kHz, 4:1	<0.02%		<0.08%			
TIM 100 *	<0.05%		<0.03%			
S+N/N 20Hz-20kHz* @ 1W/4Ω	>90dB		>85dB			
CMRR*	-		>55dB			

	MPA4-80R	MPA6-80R	MPA4-150R	MPA6-150R	MPA4-400R	
Damping factor 1kHz @ 8Ω	>160		>280	>300		
Slew Rate	±10V/μs		±18V/μs		±50V/μs	
Channel crosstalk @ 1kHz*	>60dB		>55dB		>70dB	
Input Sensitivity / Impedance			0dBV/20kΩ			
Anticlip	-		2% THD		1 & 5% THD	
Mains Voltage	See characteristics in the back of the unit.					
Power consumption	pink noise, 1/8 power @ 4 Ω	270VA	415VA	159VA	233VA	650VA
	pink noise, 1/3 power @ 4 Ω	405VA	615VA	340VA	510VA	1200VA
Dimensions (mm)	482.6x88x373		482.6x88x280	482.6x88x373	482.6x88x408	
Weight	8.5kg.	10.3kg.	9.3kg.	10.8kg	19.8kg.	

* VCA OFF

All product characteristics are subject to variation due to production tolerances. ECLER - NEEC AUDIO BARCELONA S.L reserves the right to make changes or improvements in the design or manufacturing that may affect these product specifications.

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