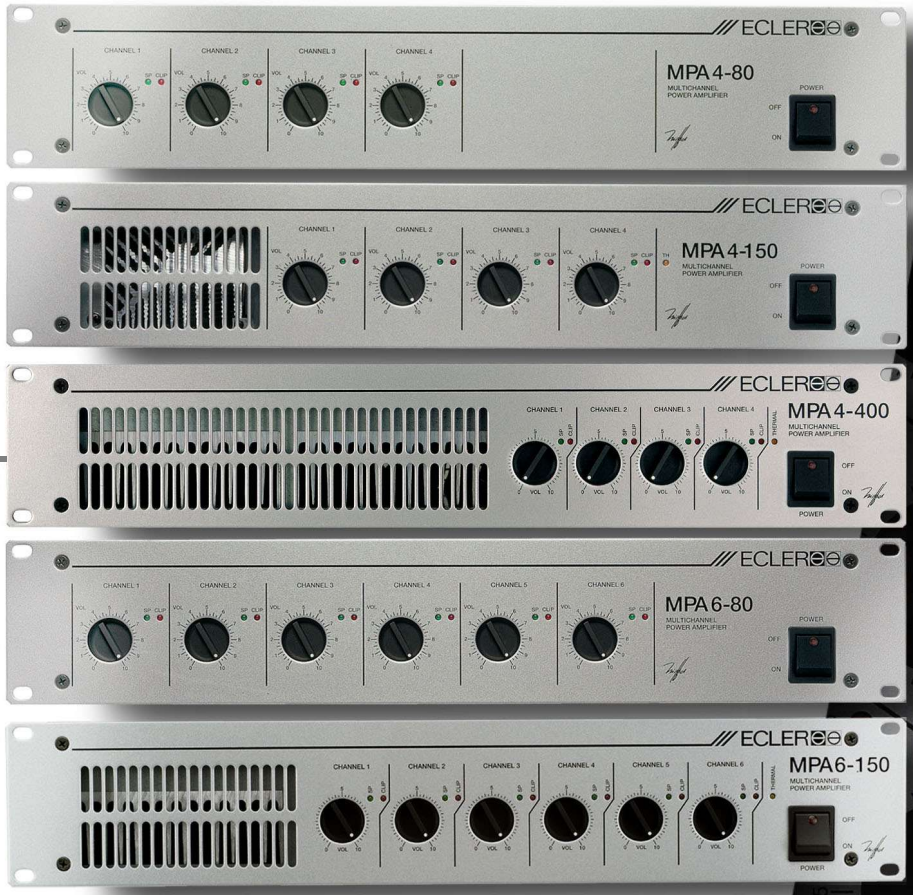
ECLER MULTICHANNEL POWER AMPLIFIER SERIES

MPA4-80
MPA4-150
MPA4-400
MPA6-80
MPA6-150



In 1998 ECLER presented its first multichannel amplifier, the MPA280. Today Ecler offers one of the most comprehensive and versatile multichannel amplification lines. ECLERs multichannel amplification systems gain enthusiasts day to day due to their versatility in so little space.

The MPA Line comprises five models: MPA4-80, MPA4-150 and MPA4-400 four-channel amplifiers and the six-channel MPA6-80 and MPA6-150.

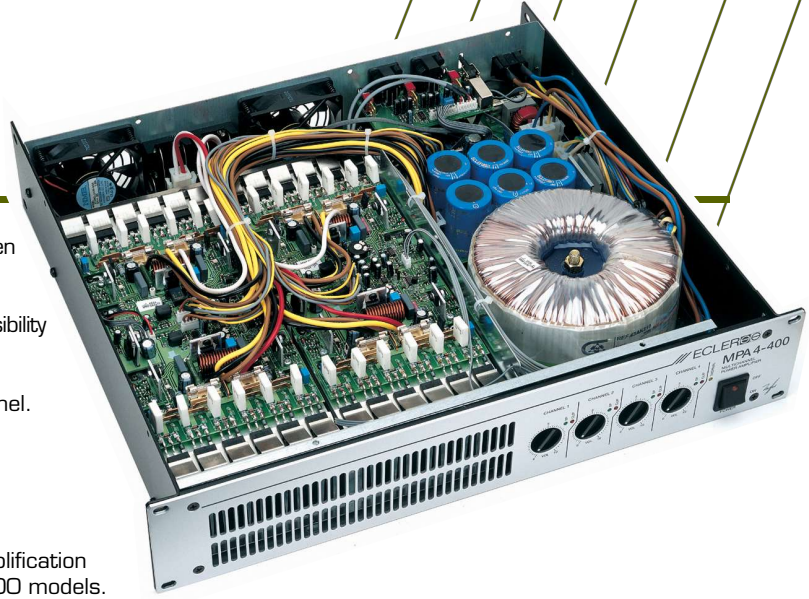
MULTIPLE OPERATING POSSIBILITIES: TOTAL VERSATILITY

The crucial advantage of the MPAs lies in their multiple operating possibilities, easily configurable through the switches found on the rear panel. It's therefore possible to feed all channels with a single mono signal or on the other hand use each channel independently, for example for addressing 6 different zones. Between these two furthest apart possibilities lies a wide range of variants with simple stereophonic signal or amplifier combinations for bi-amping applications.

TECHNICAL CHARACTERISTICS	MPA4-80	MPA6-80	MPA4-150	MPA6-150	MPA4-400
POWER 20-20kHz at 1% THD					
1 Channel @ 4Ω WRMS	78	78	147	160	410
1 Channel @ 8Ω WRMS	52	52	100	106	230

ECLER
AUDIO CREATIVE POWER

MOST REMARKABLE FEATURES



- All models only 2 rack units high, with output powers between 78 and 410W per channel.
- Individual input sensibility for each channel with sealing possibility to avoid unwanted manipulation.
- Signal presence and clipping indicators for each channel.
- Balanced inputs via XLR 3 connectors.
- Channel pairs can be bridged.
- Switchable high-pass and low-pass filters for bi-amplification purposes in MPA4-150, MPA6-150 and MPA4-400 models.
- Each channel may be fed with independent signals, used for addressing different zones or fed with the same mono or stereo signal.
- Anticlip circuit to avoid output signal clipping in MPA4-150, MPA6-150 and MPA4-400 models.
- Signal outputs on CE terminals.
- Convection cooling featured in MPA4-80 and MPA6-80 models.
- Progressive low noise forced ventilation featured in MPA4-150, MPA6-150 and MPA4-400 models.
- Totally protected against shorting, DC at the output and overheating.
- SPM Technology in MPA4-150, MPA6-150 and MPA4-400 models.
- 3 Year guarantee.

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1 Channel @ 4Ω WRMS	78	78	147	160	410
1 Channel @ 8Ω WRMS	52	52	100	106	230
All Channels @ 4Ω WRMS	53	58	112	116	310
All Channels @ 8Ω WRMS	40	41	83	84	200
1 Bridged channel @ 8Ω	106	116	224	240	620
Frequency response (-1dB)	25Hz – 60kHz		7Hz - 40kHz		7Hz - 50kHz
Filter (Hi-Lo) 3rd order Butterworth	NA		160Hz		
THD+Noise @ 1kHz Full Pwr.	<0.01%		< 0.04%	< 0.05%	
Intermodulation distortion 50Hz & 7kHz, 4:1	<0.02 %	< 0.06%		< 0.08%	
TIM 100	<0.05 %		< 0.08%	< 0.03%	
S+N/N 20Hz -20kHz @ 1W/4Ω	90 dB		> 86dB	> 80dB	> 90dB
Damping factor 1kHz @ 8Ω	> 160				> 300
Slew Rate	±10V/µs		±18V/µs		±50V/µs
Channel crosstalk @ 1kHz	> 60dB		> 65dB	> 40dB	> 65dB
Input Sensitivity / Impedance	0dB / >20kΩ				
Anticlip	NA		2% THD		1 & 5% THD
Mains Depending on your country	See characteristics in the back of the unit				
Power consumption (max. Out)	370 VA	520 VA	750VA	1650VA	2500VA
Dimensions Panel	482.6x88 mm				
Width	342.5 mm				
Depth				390mm	415mm
Weight	9.3 kg	11.2 kg	11.4kg	15kg	19.25kg

All the characteristics are subject to variation due to production tolerances.
ECLER SA reserves the right to make changes or improvements in manufacturation or design that may affect specifications.

ECLER
ENTERTAINMENT SOUND SYSTEMS

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