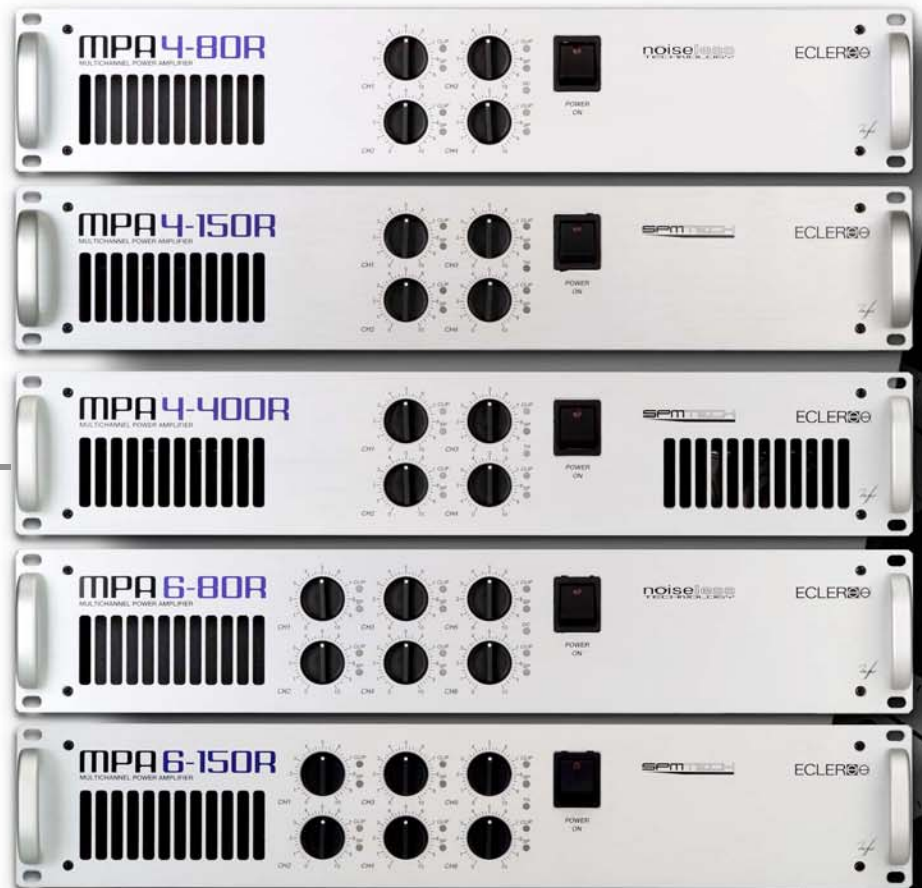


ECLER MULTICHANNEL POWER AMPLIFIER SERIES

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



In 1998 ECLER presented its first multichannel amplifier, the MPA280. Today ECLER offers the most comprehensive and versatile multichannel amplification line. MPA-R are the best choice for the pro audio installer seeking trouble-free and reliable multi channel amplifier solutions.

MPA-R line comprises five 4 and 6 channel models with power ranges of between 80W RMS/4ohms and 410W RMS/4ohms with tried-and-tested reliability and extreme flexibility as provided by the possibility of linking input channels and bridge-grouping channels.

Key features

- 2 RU high, 19" installation multichannel amplifier series
- Oversized linear power supply
- ECLER SPM patent pending technology (MPA4-150R, MPA6-150R, MPA4-400R)
- Individual input sensibility controls with sealing possibility to avoid unwanted manipulation
- Signal presence (SP) and CLIP indicators for each channel
- Balanced inputs via XLR connectors
- Independent VCA remote control for each input channel on all models via 0-10 V signal, or remote wall volume control.
- EUROBLOCK load and VCA remote control connectors
- Noiseless convection cooling (MPA4-80R and MPA6-80R)

TECHNICAL CHARACTERISTICS	MPA4-80R	MPA6-80R	MPA4-150R	MPA6-150R	MPA4-400R
POWER 20-20kHz at 1% THD					
1 Channel @ 4Ω VRMS	80	85	160	170	410
1 Channel @ 8Ω VRMS	50	52	100	110	230



- Low noise active ventilation (MPA4-150R, MPA6-150R and MPA4-400R) . Dual Slope Controlled Fan system
- Totally protected against shorting, DC at the outputs and overheating
- Stack outputs on all models
- Input channels link switch for superior versatility
- Integrated internal 3rd order Butterworth HI-pass and LO-pass x-over (MPA4-150R, MPA6-150R, MPA4-400R) for bi-amped applications



General MPA-R applications

The reliable multi-channel solution for any applications requiring multizone audio distribution

- Theme parks
- Clubs
- Theme restaurants
- Multi-use halls
- Conference boards
- Franchise retail shops

Accessories

- **REVO10A**: on-wall remote level control for MPA-R series. Frame, circuit board and holder included. To fit into standard wall-mounting installations. Dimensions (mm): 89x82x60. Snow white colour.

TECHNICAL CHARACTERISTICS	MPA4-80R	MPA6-80R	MPA4-150R	MPA6-150R	MPA4-400R
POWER 20-20kHz at 1% THD					
1 Channel @ 4Ω WRMS	80 WRMS	85 WRMS	160 WRMS	170 WRMS	410 WRMS
1 Channel @ 8Ω WRMS	50 WRMS	52 WRMS	100 WRMS	110 WRMS	230 WRMS
All Channels @ 4Ω WRMS	55 WRMS	58 WRMS	120 WRMS	130 WRMS	305 WRMS
All Channels @ 8Ω WRMS	40 WRMS	48 WRMS	83 WRMS	90 WRMS	200 WRMS
1 Bridged channel @ 8Ω	117 WRMS	123 WRMS	300 WRMS	330 WRMS	610 WRMS
All Bridged channels @8Ω	-	-	250 WRMS	270 WRMS	-
Frequency response (-1dB)	20Hz - 30kHz	20Hz - 30kHz	7Hz - 30kHz	7Hz - 30kHz	7Hz - 50kHz
Filter (Hi-Lo) 3rd order Butterworth	-	-	160Hz	160Hz	160Hz
THD+Noise @ 1kHz Full Pwr.	<0.02%	<0.02%	<0.05%	<0.05%	<0.05%
Intermodulation distortion 50Hz & 7kHz, 4:1	<0.02%	<0.02%	<0.06%	<0.06%	<0.08%
TIM 100	<0.05%	<0.05%	<0.04%	<0.06%	<0.03%
S+N/N 20Hz -20kHz @ 1W/4Ω	>90dB	>90dB	>90dB	>90dB	>85dB
CMRR	-	-	>55dB	>55dB	-
Damping factor 1kHz @ 8Ω	>160	>160	>160	>160	>300
Slew Rate	±10V/μs	±10V/μs	±18V/μs	±18V/μs	±50V/μs
Channel crosstalk @ 1kHz	>60dB	>60dB	>55dB	>55dB	-
Input Sensitivity / Impedance	0dBV/>20kΩ	0dBV/>20kΩ	0dBV/>20kΩ	0dBV/>20kΩ	0dBV/>20kΩ
Anticlip	-	-	2% THD	2% THD	1 & 5% THD
Mains Voltage	See characteristics in the back of the unit.				
Power consumption (max. Out)	524VA	800VA	1095VA	1590VA	2500VA
Dimensions (mm)	482.6x88x391	482.6x88x391	482.6x88x391	482.6x88x426	482.6x88x426
Weight	9.5kg	11.2kg	12.6kg	15.25kg	20.5kg

* VCA OFF

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

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