

amplifiers

MPA-R series

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



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
- ECLER SPM patented technology (MPA4-150R, MPA6-150R, MPA4-400R)
- Individual input sensitivity controls with sealing possibility to avoid unwanted manipulation
- Signal presence (SP) and CLIP indicators for each channel
- Balanced inputs (XLR) , EUROBLOCK output connectors
- Stack outputs (JACK) on all models
- Input channels link switch for superior versatility
- Independent VCA (EUROBLOCK) remote control for each input channel on all models via 0-10 V signal, or remote on wall volume control REVO10A
- Noiseless convection cooling (MPA4-80R and MPA6-80R)
- Dual Slope Controlled Fan system (MPA4-150R, MPA6-150R and 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



MPA-R power fast guide

		MPA4-80R	MPA6-80R	MPA4-150R	MPA6-150R	MPA4-400R
POWER	1 Channel @4Ω	80 W RMS	85 W RMS	160 W RMS	170 W RMS	410 W RMS
20-20kHz	1 Channel @8Ω	50 W RMS	52 W RMS	100 W RMS	110 W RMS	230 W RMS
1% THD	1 Bridget Channel @8Ω (all channes driven)	117 W RMS	123 W RMS	300 W RMS	330 W RMS	610 W RMS

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
- **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
- **WP series**

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

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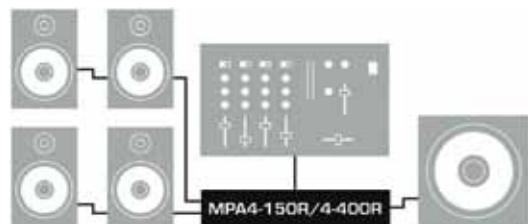
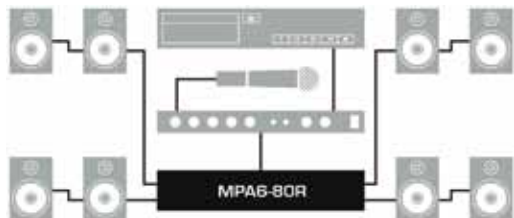
amplifiers



MPA-R Applications layout

All MPA-R input channels are remotely controllable by REV010A and WP series on-wall volume control.

6 zone corporate office
using a SAM512T mixer.

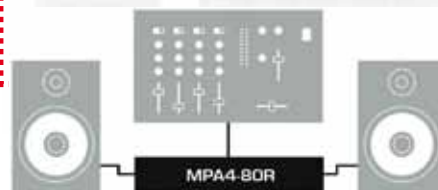


Biamped configuration in a single
MPA4-150R or MPA4-400R.

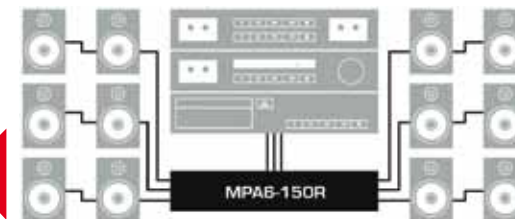


MPA-R 6-80 conex

Standard stereo amplifier connected
to a mixing console. Suitable for a wide
range of applications.



3 different stereo audio
contents to 3 zones.



Tech. Characteristics

POWER 20Hz-20kHz 1% THD	1 Channel @ 4Ω WRMS 1 Channel @ 8Ω WRMS All Channels @ 4Ω WRMS All Channels @ 8Ω WRMS 1 Bridged channel @ 8Ω All Bridged channels @8Ω	80 WRMS 50 WRMS 55 WRMS 40 WRMS 117 WRMS -	85 WRMS 52 WRMS 58 WRMS 48 WRMS 123 WRMS -	160 WRMS 100 WRMS 120 WRMS 83 WRMS 300 WRMS 250 WRMS	170 WRMS 110 WRMS 130 WRMS 90 WRMS 330 WRMS 270 WRMS	410 WRMS 230 WRMS 305 WRMS 200 WRMS 610 WRMS -
Frequency response [-1dB]		20Hz - 30kHz		7Hz - 30kHz		7Hz - 50kHz
Filter (Hi-Lo) 3rd order Butterworth		-		160Hz		
THD+Noise* @ 1kHz Full Pwr.		<0.02%		<0.05%		
Intermodulation distortion* 50Hz & 7kHz, 4:1		<0.02%		<0.06%		<0.08%
TIM 100*		<0.05%		<0.04%	<0.06%	<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				>300
Slew Rate	±10V/μs		±18V/μs		±50V/μs
Channel crosstalk @ 1kHz*	>60dB		>55dB		>70Hz
Input Sensitivity / Impedance	0dBV/>20kΩ				
Anticlip	-		2% THD		1 & 5% THD
Power consumption (max. Out)	524VA	800VA	1095VA	1590VA	2500VA
Dimensions (mm)	482.6x88x391			482.6x88x426	
Weight	9.5kg	11.2kg	12.6kg	15.25kg	20.5kg

* VCA OFF