



POWER

APart

APart MA200 MIXING AMPLIFIER



With the MA200 mixing amplifier series, the APart engineering team has created some unique, original and above all, complete electronics. Never before has a mixer amplifier had all the features to meet a contractors demand for nearly every application.

The most important features:

- 200 watt 100 Volt mixing amplifier
- 4 mic inputs (phantom via internal switch)
- Mic inputs have integrated speech filters and are high-class transistor balanced
- 4 Line inputs
- 4 Loudspeaker output zones can be selected (switch on/off) and have LED indication. Zone 4: selection of "Music only", "microphone only" or both music and microphone.
- Bass-treble tone control
- Master volume control
- 3-Level priority system:
 1. Emergency input: directly to the power amplifier (vol adjustable)
 2. VOX Mute: Voice activated mute (adjustable) on MIC input 1 mutes all other inputs
 3. Contact closure mutes all line inputs
- LED indication on front panel when line inputs are muted
- 24V output power is activated via contact closure. Can be used to switch the 24V priority relays of volume controls.
- Integrated 2-tone chime has an adjustable volume and is activated by contact closure
- Build-in dynamic limiter (-3dB)
- Record output via RCA
- PRE AMP OUT - AMP IN makes it possible to insert an external signal processor or to add extra power amplifiers
- 19" brackets are included



TECHNICAL SPECIFICATIONS

Inputs		
MIC1 (Front / Rear)		Bal. 1/4" Jack / Bal combo XLR-Jack, DIN5 (1.5mV), Euroblock 14V phantom power via internal switch
MIC2-3-4		XLR3 balanced (1.5 mV) 14V phantom power via internal switch
Emergency input		Balanced Euroblock (1V)
AUX input		RCA cinch (500 mV)
CD input		RCA cinch (500 mV)
Tuner input		RCA cinch (300 mV)
LINE4		RCA cinch (200 mV)
Power amp input		RCA cinch (300 mV)
Outputs		
Output Power RMS		
Rated		200 watt
Max		240 watt
Speaker outputs		
Zone 1-3		On-off switch
Zone 4		Paging on-off Music on-off
Output impedance		50V (12.5 Ω) - 70V (24.5 Ω) - 100V (50 Ω) - 8
Pre amp out		RCA cinch (1V)
Record out		RCA cinch mono (1V)
Priority output power		24V activated by priority contact closure (1A)
Chime		2-tone chime activated by contact closure on Euroblock or DIN5. Volume adjustable
Priority system		
Level 1: Emergency / Tel		Euroblock (200 mV), mutes all inputs
Level 2: VOX Mute		On MIC 1 (0.6 mV), mutes mic 2,3 & 4 and line inputs Level set by trimmer
Level 3: contact closure		Mutes all line inputs
Limiter		Dynamic limiter -3dB (red LED when active)
Frequency Range		40 Hz - 25 kHz
S/N Ratio		
Amplifier		Better than 95 dB, 22 Hz - 22 kHz
Line		Better than 80 dB, 22 Hz - 22 kHz
Mic		Better than 65 dB, 22 Hz - 22 kHz
Distortion		<0.3% @ -6 dB, 1 kHz
Bass control		\pm 10 dB, 100 Hz
Treble control		\pm 10 dB, 10 kHz
Power supply		230 / 115 V DC or 24V DC
Dimensions (H x W x D)		88 x 430 x 356 mm 19" brackets included
Weight		12.1 Kg