



# APart

## APart MA125 MIXING AMPLIFIER



The MA125 is a very compact, professional PA mixing amplifier for commercial and industrial applications. The MA125 can drive 8 Ohm or constant voltage loudspeakers.

The MA125 has 4 microphone inputs with integrated speech filters, 4 selectable line inputs and one emergency line / telephone input. MIC input 1 is meant to be the main microphone paging input. Its signal can be fed via the front jack or via the XLR3, DIN5 or Euroblock connector at the back.

When needed, two APart paging microphones (MIC-PAT-D) can be wired in parallel on each microphone input.

The MA125 has a 3-level priority system. The emergency line / telephone input at the back has the highest priority. MIC1 has the second priority level and the third priority level can be activated by a dry contact at the back of the amplifier. This dry contact mutes all background music inputs. It also activates the integrated chime. The level of the chime can be adjusted at the back of the amplifier. Activation of the dry contact, releases a 24V output power. This can be used to switch the relays of loudspeaker attenuators or other devices.

When needed the signals mixed via your MA125 mixing amplifier can be recorded or distributed via the record output.

Further the MA125 is supplied with detachable 19" brackets.

The MA125 is *the* device to built professional industrial applications. You can insert an extra EQ (such as the APart PXQ2215) into the signal path or add extra power amps (e.g. PA240P), using the pre-amp out / power amp in RCA connectors.



## TECHNICAL SPECIFICATIONS

<b>Inputs</b>	MIC1 (Front / Rear)	Bal. 1/4" Jack / Bal XLR, DIN5 (1.5mV), Euroblock 14V phantom power via on-off switch at back panel
	MIC2-3-4	XLR3 balanced (1.5 mV) 14V phantom power via on-off switch at back panel
	Emergency input	Euro block (1V)
	AUX input	RCA cinch (500 mV)
	CD input	RCA cinch (500 mV)
	Tuner input	RCA cinch (300 mV)
	LINE4	RCA cinch (200 mV)
<b>Outputs</b>		
Output Power RMS		
Rated		125 watt
Max		150 watt
Speaker outputs		
Output impedance		50V (20 $\Omega$ ) - 70V (39.2 $\Omega$ ) - 100V (80 $\Omega$ ) - 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
Frequency Range		40 Hz - 22 kHz ( $\pm 3$ dB)
S/N Ratio		
Amplifier		Better than 95 dB, 22 Hz - 22 kHz
Line		Better than 81 dB, 22 Hz - 22 kHz
Mic		Better than 70 dB, 22 Hz - 22 kHz
Distortion		<0.5% @ -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 483 x 230 mm detachable 19" brackets included
Weight		9 Kg