HMA180 is a self-powered installation Public Address mixer. It features a total of 9 audio inputs and a high / low impedance amplified output, together with an extensive set of control connections and features to be the perfect single-box solution in most projects involving background music, microphone signals, paging, pre-recorded messages and evacuation alarms.

Key features

- 4 MIC balanced inputs, with bus phantom power (selectable)
- 4 LINE inputs
- Independent 3 band EQ for the MIC inputs mix bus
- Independent 3 band EQ for the LINE inputs bus
- Pager & chime function, MIC1 input (voice level or contact closure activation)
- Additional EMERGENCY MIC/LINE input with independent features:
- Selectable phantom power
- 3 band EQ
- Activation mode: VOICE / CONTACT
- Independent output volume level (ignores the MASTER volume adjusted for the rest of the audio signals mix, assuring a pre-defined level for the emergency messages all over the installation)
- Linkable to the included 24 VDC control output (to activate the priority relays in volume control wall panels)
- Remote Volume control port (0 10 VDC)
- Remote MUTE control port (to allow an external device MUTE the P.A. system completely)
- 24 VDC control output, linkable to the PAGER and/or EMERGENCY functions (to activate the priority relays in remote volume controls)
- Subsonic filter (@ 70 Hz)
- Insertion point in TRS format
- 8Ω, 70 V, 100 V powered output
- LINE level AUX output (allows for an external amplifier connection, like the HSA300 or HZA-F amps, in case that higher power is required)
- Class D 180 W amplifier, convection cooled (100% silent)
- Internal & universal Power Supply





Accessories

HMA 180

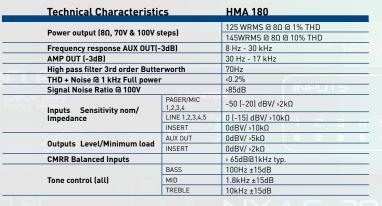
- WPm series wall panel controls
- WPTOUCH touch-sensitive digital wall panel control
- MPAGE1 desktop paging station

Recommended loudspeaker selection

- IC in-ceiling series
- ICPLUS in-ceiling series
- ECL in-ceiling series
- AUDEO series
- AMBIT series

Applications

• BGM, Public Address & Paging solutions, with up to 9 audio inputs, message priorities and volume / EQ independent management



		Power
Indicators		-40dB at the output
100		Clip
Remote		0-10V Analog Control
Control Inputs	Page/Emergency/Mute	N.O./ N.C.
Relay Control		+24V. /100mA. Max.
Talkover	TIME	1/2/3s
	EFFECT	-20 /-30 / -80 dB
Phantom voltage		+15VDC /4mA. Max.
Chime =	1 2 3	DIP selector for mode 1, 2 or 3 or none
Mains voltage		90 ~ 264VAC; 47 ~ 440Hz
Power consumption:	Pink noise, 1/8 power	69 VA / 34W
	Pink noise, 1/3 power	120 VA / 67W
	Full Power	260 VA / 160W
Dimensions:	Panel	482.6x88mm
	Depth (Handle excl.)	285mm
Weight		7kg



