

ALMA26

DIGITAL PROCESSORS

Digital Loudspeaker Manager



PRODUCT OVERVIEW

ALMA26 is a digital loudspeaker manager including 2 audio inputs and 6 audio outputs, USB interface and 2 volume remote control ports (0-10VDC).

KEY FEATURES

- 2 audio inputs x 6 audio outputs, all balanced
- 24 bits / 48 kHz DSP processing
- 2x20 characters front panel LCD display
- 4 front panel configuration keys + digital encoder
- USB interface and EclerCOMM Manager compatibility
- DSP processing:
 - GAIN, MUTE, POLARITY, etc., per input or output
 - 4 parametric EQ filters per input / 8 parametric EQ filters per output
 - Butterworth, Linkwitz-Riley or Bessel Crossover filters at outputs (up to 48 dB / oct)
 - Inputs and outputs delay
 - Compressor / limiter at outputs, including make-up gain
 - 3 LINK groups (output channels link)
- System templates to create user configurations
- 20 user Presets
- Labels' edition (inputs, outputs, presets and device)
- Password protection system with 2 security modes

APPLICATIONS

- Permanent installation management system
- Live sound. Monitor management
- Stereo bi or tri-amped general applications

CERTIFICATIONS

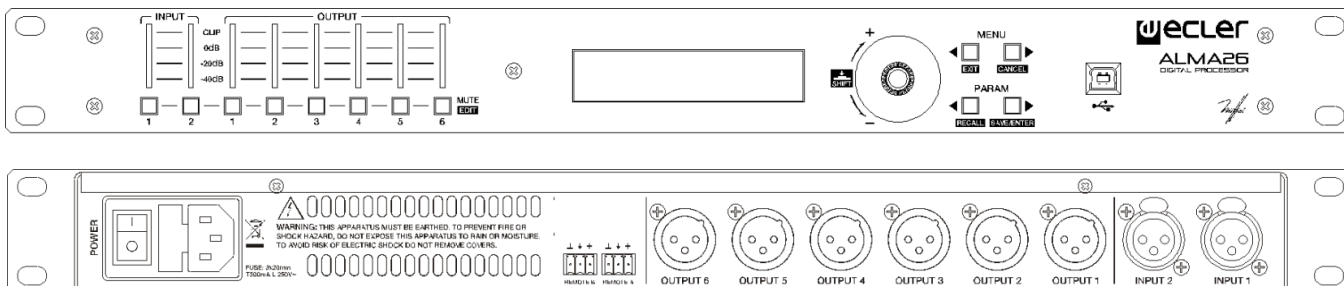
- EN60065:2014
- EN55103-1:2009
- EN55103-2:2009
- 2006/95/EC
- 2004/108/CE

TECHNICAL SPECIFICATIONS

ALMA26

Input section		
Sensitivity		0dBV
Input impedance		>20k electronically balanced
CMRR		>55dB (20Hz ÷ 20kHz)
Input connector		XLR3 female
Output section		
Nominal Output level		0dBV
Output impedance		300Ω electronically balanced
Output connector		XLR3 male
A/D & D/A		24bit / 48kHz
Frequency response		<10Hz ~ 20kHz
Output noise floor (FFT)		<-115dB (from 20Hz to 20kHz)
THD + Noise		< 0.0028% (1kHz, 1Vrms)
Crosstalk		>95dB, 30Hz ÷ 20kHz
Crossovers filters		
Slopes		6, 12, 18, 24 or 48dB/octave (Filter type dependant)
Type		Linkwitz-Riley, Butterworth or Bessel
Delays		
Input delay / step		1seg / 20,8μs
Output delay / step		1seg / 20,8μs
EQ		
Input EQ quantity		4 per channel
Output EQ quantity		8 per channel
Parametric EQ		
Type		Parametric EQ: Q:03 to 200 Low & High Shelf 6/12 dB/oct Low & High Pass 6/12 dB/oct All pass order 1 or 2
Gain		-60dB ~ +12dB step 0.1dB
Frequency		20Hz ÷ 20kHz
Compressor		
Threshold		-36 / +12dBV
Attack time		0.1 ~ 500ms
Release time		1 ~ 5s
Ratio		1:1 to ∞ :1
General		
Mains		100-240VAC
Power consumption		25VA
Dimensions W x H x D		482.6 x 44 x 120mm
Weight		1.75kg

MECHANICAL DIAGRAM



All product characteristics are subject to variation due to production tolerances. **NEEC AUDIO BARCELONA S.L.** reserves the right to make changes or improvements in the design or manufacturing that may affect these product specifications.

For technical requests address to your supplier, distributor or fill the contact form in our website, at Support / Technical Request.

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