

## 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

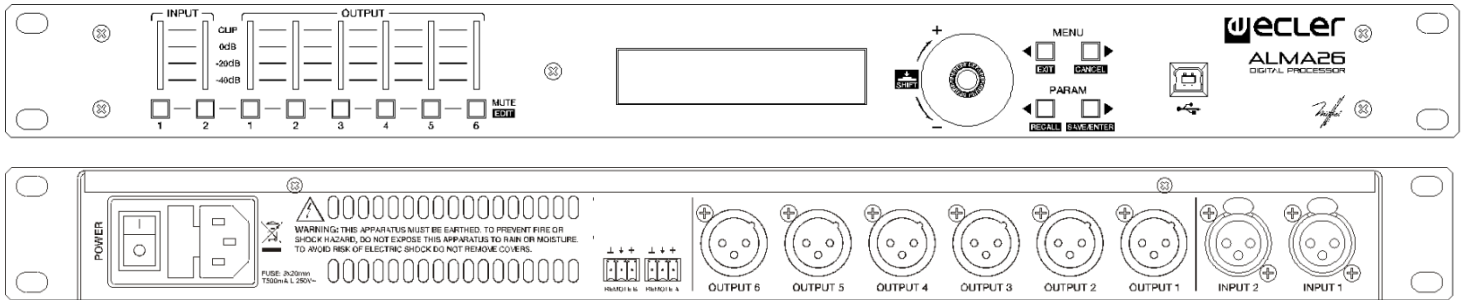
#### APPLICATIONS

- 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

MECHANICAL DIAGRAMS



TECHNICAL DATA

<b>Input section</b>	
Sensitivity	0dBV
Input impedance	>20k electronically balanced
CMRR	>55dB (20Hz ÷ 20kHz)
Input connector	XLR3 female
<b>Output section</b>	
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
<b>Crossovers filters</b>	
Slopes	6, 12, 18, 24 or 48dB/octave (Filter type dependant)
Type	Linkwitz-Riley, Butterworth or Bessel
<b>Delays</b>	
Input delay / step	1seg / 20,8µs
Output delay / step	1seg / 20,8µs
<b>EQ</b>	
Input EQ quantity	4 per channel
Output EQ quantity	8 per channel
<b>Parametric EQ</b>	
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
<b>Compressor</b>	
Threshold	-36 / +12dBV
Attack time	0.1 ~ 500ms
Release time	1 ~ 5s
Ratio	1:1 to ∞ :1
<b>General</b>	
Mains	90÷264VAC 50/60Hz
Power consumption	25VA
Dimensions W x H x D	482.6 x 44 x 120mm
Weight	1.75kg

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.  
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