

NEO 8060

The PAVA system NEO meets and even surpasses all the requirements of the EN 54-16 standard, ensuring a fast, safe and controlled emergency evacuation.

NEO is a powerful and cost-effective background music system and audio distributor due to its cutting-edge features, flexibility and excellent audio quality.

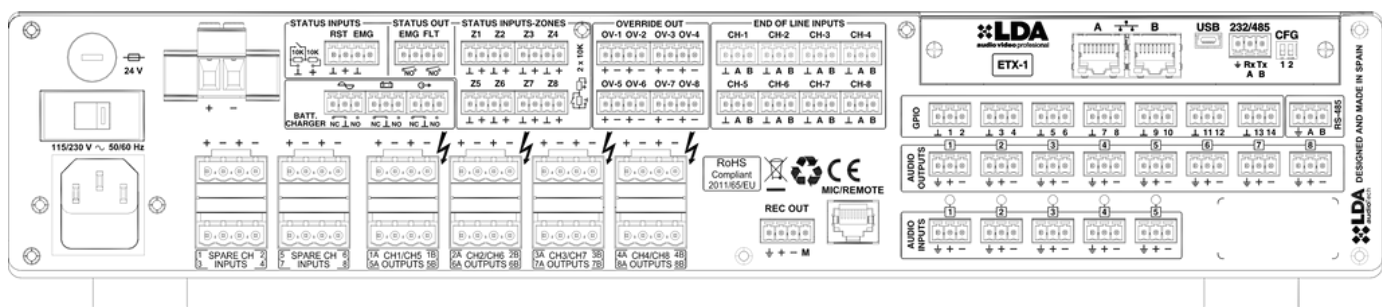


General features:

- Up to 5 audio inputs, and up to 8 multi-zone microphones, fireman panels or emergency control panels.
- 8 output channels of 120W of maximum power (60W rms) for PA lines of 70V and 100V.
- Up to 1024 zones
- Digital Signal Processor (DSP)
 - 7-band input Parametric Equalizer
 - 7-band output Parametric Equalizer
 - Loudness
 - LDA sound enhancer
 - Independent volume control por each I/O channel
 - Audio filters
- FlexNET Technology: automatic redundant connection (through Ethernet)
- Cobranet (audio over Ethernet)
- 4,3" Frontal touch screen
- Pre-recorded messages
- Integrated emergency microphone
- Attenuators control
- Integrated frontal loudspeaker for monitoring
- 14 programmable GPIO ports
- SIME software integration

Voice Alarm/Emergency Features:

- Meets the EN 54-16 and EN 60849 standards
- Detection and indication of failure in all emergency functions
- Integration with Fire Alarm Centers
- Pre-recorded evacuation messages
- Phased evacuation
- Manual control of emergency states with access control
- Recording output for emergency warning
- Functional Log
- Loudspeaker line supervision
- Duplicated connection to loudspeakers line for each zone
- Back-up amplifier connection



Rear View

NEO 8060

Technical Specifications:

Model	LDANE08060S01
Power supply	115 / 230V~ 50/60Hz
Power consumption	550W max / 100W at 1/8 output power
Frequency response	20 - 20.000Hz +/-1dB
Signal to noise ratio	R>98dB, A-weighted
Distorsion factor	<0,05%
Gain adjustment per channel	-100dB -0dB, 1dB steps
DSP	Integrated. 48 kHz, 24 bits - 344 MIPS
FlexNet/ Cobranet	2 x FlexNet Redundant (automatic switching)/ Cobranet, Ethernet10/100Mbits. Female RJ-45
Audio Inputs	5 x Balanced audio 1Vp, 0,707Vrms. 10 K Ω , 3Pin, Euroblock Type
LDA ACSI Bus	1 x Balanced audio 1Vp, 0,707Vrms. 10 K Ω , Female RJ-45, Total 800m. / 2624,7ft
Pre-amp Audio Outputs	8 x Balanced audio 1Vp, 0,707Vrms. 100 Ω , 3Pin, Euroblock Type
Rec. Audio / Ctrl. Outputs	1 x Balanced audio, 1Vp, 0,707Vrms. 100 Ω / 0 - 5V DC output 100 Ω , 4Pin, Euroblock Type
ATT Control	8 x Override 24V DC, 40mA, 2 Pin, Euroblock Type (4 pin connector)
Emergency Control Inputs	10 x 0 - 5V DC, Monitored inputs, 2 Pin, Euroblock Type (4 pin connector)
Emergency Control Outputs	2 x Relay contact Isolated Output, NO, Max 60V DC 130mA, 2 Pin Euroblock Type (4 pin connector)
General control (GPIO)	14 x Control I/O, 0 - 5 V, 100 Ω , 3Pin, Euroblock Type
Virtual matrix	32 x 1024
Amplifier	8 x Class D, 60Wrms @ 70 / 100V. Min load 168 Ω
Speaker Outputs	16 (8 dual managed lines) x 70 /100V. 2 Pin, Euroblock Type (4 pin connector)
Speaker Loop Input	16 (8 dual) x No Voltage Contact, 3 Pin, Euroblock Type.
Spare Amplifier Inputs	8 x 70 / 100V 60Wrms (max. input power), 2 Pin, Euroblock Type (4 pin connector)
Protection	Over-temperature, DC, infrasonic, short circuit, slow start-up, overload. Start-up test.
Emergency Power Input	1 x 20 - 25V DC, 20A, Fused, 2 Pin, Euroblock Type.
Emergency Power Status Inputs	3 x NO - NC, 3 Pin, Euroblock Type
Display	TFT 480x272 4,3" with Touch Panel
Operating Condition	-5 $^{\circ}$ C to +45 $^{\circ}$ C / 23 $^{\circ}$ F to 113 $^{\circ}$ F 5% to 95% Relative humidity (No condensation)
Finish	Front: Fe, Grey RAL 7016 Back: Fe, Black RAL 9005 Case: Al, Black RAL 9005
Weight	12 Kg / 26,5 lb
Dimensions (W x H x D)	483mm x 88mm x 455mm / 19" x 3,46" x 18"
Accessory	2 x Rack mounting, Male Euroblock connectors, installation screws, 4 x Rubber foot, 1 x Power cable 2m / 6,56ft (EU Type), 1 x Ethernet Cable 2m / 6,56ft.