

The Voice Alarm Panel VAP-1 is designed to provide NEO with evacuation system controls for different areas.

It allows to know the condition of the system and broadcast both live and pre-recorded alarm and evacuation warnings through up to 56 selection memories of evacuation zones.

This is possible because it can equip up to 7 expansion keyboards with 8 zone memories each one. Moreover, expansion keyboards available allow it to adjust to the special features of each system.

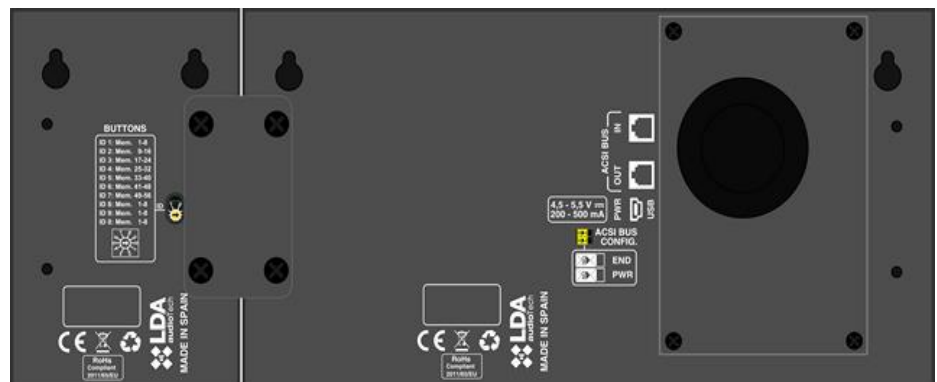
The equipment also offers the chance to choose the source of the power supply between local or supplied through the ACSI bus. The ACSI bus allows a maximum total wiring of 1000m (914.4 yrd) and offers priority levels for the devices connected in bus mode.

It has functions such as volume control, dynamic sound adjustment and programmable buttons that allow other system functions such as pre-recorded messages broadcasting. It has a metallic chassis that provides stability and protection against damage. All the buttons are designed for intensive use.



VAP-1 Main Features:

- up to 56 groups with up to 8 areas per group (448 areas in the whole system)
- Attention signal / pre-alarm
- Volume adjustment
- Indicators for: Power supply, emergency status, error status, system connection, operating voltage error, microphone capsule error and active messages
- Transmission of pre-stored voice evacuation messages
- emergency controls, reset, acknowledge, test, alarm message, evacuation message
- side connection for up to 7 extension keypads
- priority configuration and operating parameters
- local power supply or power supply from the central unit
- wall or 19-inch rack installation
- EN 54-16 certified



Technical Data:

Model	VAP-1
Power supply	4.5- 5.5V DC, 1 x miniUSB AB
Current consumption of the VAP 1	200 - 500 mA (max. with all extension keyboards)
Current consumption	40 mA max.
Frequency response	200 Hz – 12000 Hz (+/- 2dB)
Signal to noise ratio	>98dB, A-rated
Sensitivity	-43 dB (1KHz)
Polar pattern	Axial, with polar diagram type supercardioid
Microphone capsule	Dynamic, hypercardioid
DSP	integrated 48 kHz, 24 Bit – 172 MIPS
ACSI bus	2 x Identical ACSI ports: balanced audio 1Vp, 0.707Vrms. 10 KΩ, RJ-45 interface, max. cable length 1000 m / 3280ft
Displays	Emergency, general error, operating voltage, recorded evacuation announcement, recorded warning, live announcement
Keys/Buttons	Emergency, reset, confirmation, (EMG, RST, ACK) 1 key for speech (speak now) Evacuation and pre-alarm Display test (LED test)
Functions	Pre-chime, volume control, DSA (Dynamic Sound Adjuster). Effect: up to 448 system zones.
Hand-held microphone cable length	500mm / 13,75"
Dimensions without microphone	W259 mm x H132 mm x D50 mm / 3,38" x 2,56" x 7,48"
Dimensions with microphone	W259 mm x H132 mm x D93 mm / 3,38" x 2,56" x 7,48"
Dimensions keyboard extension	W86 mm x H132 mm x D42 mm / 3,38" x 2,56" x 7,48"
Operational conditions	-5 °C to +45 °C / 23 °F to 113 °F 5 % to 95 % Relative humidity (without condensation)
Color	Sheet steel, grey RAL 7016
Weight	1 kg
Weight Keyboard extension	0,5 kg
Accessories of the VAP 1	1 x miniUSB AB connector to USB A connector 1 x power supply USB connector type C (EU type) 1 x Ethernet cable 2m / 6.56ft. 2 x 19" rack installation accessories 1 x wall installation accessories
Accessories keyboard extension	1 x extension connector adapter 2 x 5 contacts male-male 1 x connection piece to VAP 1 4 x countersunk screw (M4 x 8 mm)

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