FG-EVAC-VAP1_AP
VOICE ALARM PANEL

PRODUCT OVERVIEW

The Voice Alarm Panel **FG-EVAC-VAP1_AP** 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 instensive use.

Features

- Up to 56 group memories of up to 8 zones per memory (448 zones of the system).
- Prior notice tone
- Volume adjustment
- Power supply indicator
- Emergency condition general indicator
- Fault condition general indicator
- Link with system fault indicator
- Power supply fault indicator
- Emergency microphone fault indicator
- Broadcasting of voice evacuation message indicator
- Broadcasting of voice evacuation recorded message indicator
- Broadcasting of voice alarm message indicator
- Remote control indicator
- Emergency controls, Reset, Acknowledge, Test, Alarm message, Evacuation message
- Side port to connect up to 7 expansion keyboards

Expansion Keyboards

Rear iew:

MODEL	DESCRIPTION
FG-EVAC-VAP1_AP	Voice Alarm Panel

Technical Specification

Power supply :	4.5- 5.5V DC, 1 x miniUSB AB
Power consumption :	200 - 500 mA (max with all the expansion keyboards)
Expansion keyboard consumption :	40 mA max
Frequency response :	200 Hz – 12000 Hz (+/- 2dB)
Signal to noise ratio :	>98dB, A-weighted
Sensitivity :	-43 dB (1KHz)
Direccional axis :	Axial, with hypercardioid type polar diagram
Type of transducer :	Dynamic with moving coil
DSP :	Integrated. 48 kHz, 24 bits – 172 MIPS
ACSI Bus :	2 x Identical ACSI ports: Balanced audio 1Vp, 0,707Vrms. 10 KΩ, female RJ-45, Total 1000m. / 3280ft
Expansion Port :	1 x Pin row, 2 rows x 5 female contacts
Indicators :	Condition: Emergency, General Fault, Remote Control Fault: Link, Supply, Emergency microphone Messaje in broadcast: Evacuación recorded, Warning recorded, live message
Buttons :	Emergency, Reset, Confirmation, (EMG, RST, ACK) 1 button for talking (TALK) Recorded message: Evacuation and Warning Indicators test
Functions :	Prior notice tone, volume control, DSA (Dynamic sound adjuster Directionality until 448 system zones.
Microphone cable length :	500mm / 13,75"
Dimensions without gooseneck (W x H x D) :	259mm x 132mm x 50mm / 3,38" x 2,56" x 7,48"
Dimensions with gooseneck (W x H x D) :	259mm x 132mm x 93mm / 3,38" x 2,56" x 7,48"
Keyboard/Rack complements dimensions (Wx H x P) :	86mm x 132mm x 42mm / 3,38" x 2,56" x 7,48"
Operating Conditions :	-5 °C to +45 °C / 23 °F to 113 °F 5% to 95% Relative Humidity (no condensation)
Finish :	Fe, Grey RAL 7016
Weight :	1 Kg / XX,x lb
Expansion keyboard weight :	0.5 Kg / XX,x lb
VAP-1 accesories :	1 x miniUSB AB male to USB A male 1x Power Supply USB connector Type C (EU Type) 1 x Ethernet cable 2m / 6,56ft. 2 x 19" Rack installation accessories 1 x block accessory for wall instalation
Expansion keyboard accesories :	1 x expansion port adaptor 2 x 5 contacts male-male 1 x connecting piece to VAP 1 4 x countersunk screw (4 x 8 mm)

bsi. ISO 9001 Quality Management FS546607 LPCB UKAS PRODUCT CERTIFICATION 007 UL LISTED FM APPROVED CE

Fire Guard / FG- EVAC-VAP1_AP