



EST-VES-8003-LN

Integrated midi PA/VA unit: 8xAB (16 lines); amp 3x500W; 3xaudio; LCD, fireman mic.; charger; w/o batteries

Overview

EST-VES and EST-VES-8003 are scalable Public Address & Voice Alarm units suitable for multi-purpose architectures.

Devices from EST-VES and EST-VES-8003 series are voice alarm compact control units containing all components within one compact housing, which meet all the requirements of EN 54-16 and EN 54-4 (certificate of constancy of performance 1438-CPR-0659).

Whole concept of the system is based on the high quality audio network distribution nodes equipped either with two independent 160 W, 320 W or three independent transformerless 500 W class D amplifiers, which distribute 100 V signals to 4, 8 or 16 speaker lines depending on the type. The system also ensures operation of a backup amplifier for the Emergency priority type of signals.

All type of centrals are equipped with integrated backup power supply and EN 54-4 compliant charging unit.

EST-VES and EST-VES-8003 are designed to be a Plug & Play device with all elements expected from Voice Evacuation Systems; including a built-in fire microphone, touchscreen for global control, DSP, programmable contact inputs and buttons, time scheduler, charger with battery mounting space and expandable memory size for messages – all fitted into IP30 chassis or dedicated 15u rack for EST-VES-8003 8003LNR with 8003R.

EST-VES and EST-VES-8003 belongs to the family of independent EVAC systems which can be networked together and extended by desktop zone microphones or fireman microphones via TCP/IP network to provide live announcements and background music inputs. The system has been designed to be wired using CAT5 cables for paging microphones and fibre-optic redundant interlink connections between the systems.

All systems support up to 45 high quality audio signals distributed over 254 devices in the network.



Details

- Stand alone or TCP/IP network architecture
- All in one – independent wall mount EN 54-4 / 16 PA/VA unit
- Impedance speaker monitoring
- Remote management
- Up to 254 devices can be connected on the network (incl. fireman and zone microphones)
- Ability to connect standalone EST VES units via fiber optic / copper or both cables. Compatibility with RACK mounted modular EST ENT VES
- DSP audio processing on board
- Professional Sound Quality
- Evacuation, paging message and background music features
- Simple installation
- User friendly and intuitive programming software

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Technical specifications

Entrada

Cantidad y tipo 1, Stereo to Mono

Salida

Cantidad y tipo 1, Mono

Físico

Dimensiones físicas 440 x 525 x 350 mm (W x H x D)

Color Negro

Medioambiental

Temperatura de funcionamiento -5°C to +45°C

Clasificación IP 30

Regulatory

Certificación EN54-4

Normativas EN54-16

Environmental

Operating humidity 5 to 95% non-condensing

Optional functions

Network card 2x SFP module 1 Gb/s, 1x POE 1 Gb/s, 100 Mb/s, 1x LAN 1 Gb/s, 100 Mb/s connection; RS485 port; 1xLAN/WAN 100 Mb/s connection

GUI 4,5" color touch screen

DSP Input EQ, outputs EQ, Feedback eliminator and audio limiter

Standby battery

Battery working time 30 hours + 30 minutes evacuation

Physical

Gross weight 23 kg

No of messages played at the same time 3

Protection Over-temperature, short circuit, overload, ground leakage

No of AB zones 8

No of speaker lines 16

No of control inputs 7

No of relay outputs 3

No of amplifiers / Power 3 / 500 W RMS



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Last updated on 5 April 2023 - 18:41