

EST-DMS-LCD

Zone Microphone with LCD

Overview

For intuitive and easier operation, EST-DMS-LCD has been equipped with a touch-screen display. Navigation in the menu and change of settings is possible by means of both control buttons located next to LCD display, and touch-screen display. EST-DMS-LCD can only be used for purposes not related to evacuation / alarm.

Zone microphone is equipped with intercom function which provides two-way communication between the zone microphones. EST-DMS-LCD has 4 local audio inputs on board and 1 audio output which allows for further system extension. Communication with control units takes place via Ethernet 10/100BASE-TX, 1 LAN port.



Details

- 4.5" LCD touch screen for fast and clear matricing and system management
- Ability to select zones and messages to be played (pre-recorded or 'live') and other audio input
- Monitored connection of the unit to the system
- 5 fully-programmable keys with a possibility of connecting up to five 20-key extensions
- 4 non-symmetrical audio inputs, (1/8") stereo jack connector
- Built-in speaker
- Stereo jack sockets for a headset
- Implemented intercom function
- Power supply via POE

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Technical specifications

Electrical

Power supply	via PoE (RJ45) or by additional 48 V power supply / 15 W DC connector 5.5 / 2.1 mm
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Physical

Physical dimensions	150 x 55 x 210 mm (W x H x D)
Net weight	1.4 kg
LCD	272 x 480 resolution, 4.5" resistive touchscreen
Number of inputs	4 channels (single-ended input bgm)
Number of outputs	2 channel audio (monitor speaker, headset)

Environmental

Operating temperature	-8°C to +60°C
Storage temperature	-20°C to +70°C
IP rating	31
Operating humidity	15% to 80%
Storage humidity	5% to 95%

Standards & regulation

Standards	EN54-16
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Listening speaker

Output	0,5 W
SPL	78 dBA (at 1 m, 1 W)
Frequency response (3dB)	450 Hz ... 8 kHz
Diameter	50 mm
Output for headphones (headset)	mini-jack 3.5 mm

Audio Inputs

Input type	single-ended, 4x bgm
Frequency response	50 Hz ... 18 kHz (at 3 dB)
ADC resolution	32 bit
Sampling frequency	48 kHz
Connector	2x mini-jack 3.5 mm

Microphone input

Input, connector type	balanced inputs, XLR
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Condenser microphone, gooseneck

Frequency response	100 Hz ... 10 kHz
Sensitivity	-45 dB

Keyboard and controls

Number of keys	5 + PushToTalk
Additional three normative controls	power – green / failure – yellow / activity – green