Microphones

EN 54-16

ABT-DFMS
FIREFIGHTER MICROPHONE

A smartVES fireman microphone is a monitored external device working with Control Units in a redundant communication ring. It can thereby perform a superior function of a system control unit, too. A fireman microphone can be used to activate alarm messages as well as general public announcements, to choose individual zones and to broadcast live voice messages. It is equipped with programmable function keys which can be used to assign functions as required. Up to 5 ABT-EKB-20M keyboard extensions with additional function keys can be attached to a fireman microphone.

A CPU switch enables immediate and direct broadcasting of announcements to all zones without any involvement of the control system even during a failure of the central processor. The microphone is able to automatically detect a key failure and an audio path from the microphone capsule (inclusive) to the Control Unit.

A fireman microphone is also equipped with an intercom function and is able to communicate with other microphones in the system.

CHARACTERISTICS

» *Monitored microphone and connection of the microphone module to the system*
» *A dedicated evacuation key*
» *3 fully-programmable keys with a possibility of connecting up to five 20-key extensions*
» *Built-in 2 contact inputs and 2 relay outputs*
» *POE or external feeder based power supply*
» *Black-box function – recording all announcements played during an alarm*
» *Built-in SFP modules and CAT5e for simplicity of implementation of the loop topology*
» *RS485 for communication with external systems*
» *Intercom function between all fireman and zone microphones*

ABT-DMS-LCD
ZONE MICROPHONE WITH LCD

This microphone performs the same role as an ABT-DMS zone microphone. In order to facilitate its operation and to make it more intuitive, the microphone is equipped with an LCD touch screen.

CHARACTERISTICS

» *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*

ABT-EKB-20M
MICROPHONE KEYBOARD EXTENSION

Each extension attached to a fireman microphone or a zone microphone offers additional 20 function keys which can be programmed as required.

ABT-DMS
ZONE MICROPHONE

This zone microphone is used to activate general public announcements, to choose individual zones and to broadcast live voice messages. It can be connected directly to a selected Control Unit or via an additional Ethernet switch. A zone microphone can be powered locally (48 V) or from a Control Unit via POE.

It is equipped with programmable function keys which can be used to assign functions as required. All operational parameters can be programmed e.g. assignment of zones to various keys, naming of zones and zone groups, determining priorities, setting up access rights to announcements, volume controls, 'push to talk' key, music on/off and music routing. Furthermore, LEDs on the ABT-DMS provide information about existing fault on the system, any faults in a specific speaker zone, evacuation mode on and type of announcement in the zone (BGM, PA, EVAC, Warning, fireman microphone).

Up to 5 ABT-EKB-20M keyboard extensions with additional function keys can be attached to a zone microphone. Similarly to a fireman microphone, it is also equipped with an intercom function and is able to communicate with other microphones in the system.

CHARACTERISTICS

» *Monitored connection of the unit to the system*
» *9 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*