

ABT-DMS

EN 54-16

ZONE MICROPHONE

- ✓ *Monitored connection to the system*
- ✓ *Nine freely programmable buttons. Expandable with a maximum of 5 keyboard extensions*
- ✓ *Four unbalanced audio inputs - 3.5 mm jack plug*
- ✓ *Built-in loudspeaker*
- ✓ *3.5 mm jack connection for headsets*
- ✓ *Intercom function* *Power supply via PoE or locally*



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ABT-DMS can be used for non-alarm purposes only. The zone microphone enable intercom function (two-way communication between zone microphones). The microphone supports 4 external audio inputs (simultaneous channel operation) and has a local listening speaker for listening to any of the zones. It is possible to use a headset type (1 JACK jack for microphone operation, 1 JACK jack for headphone operation). Communication with the control units is via Ethernet with 10/100BASE-TX links (1 LAN port. CAT 5e cable). The unit is powered

locally (48V) or from the CDSO via PoE. It has programmable function buttons to which you can freely assign selected functions, i.e. assigning zones to different buttons, naming zones, zone groups, ability to access different messages setting priorities, volume control, ability to turn on/off music and its routing.

CHARACTERISTICS

- » ***built-in 4 independent audio inputs available anywhere in the system***
- » ***built-in 2 audio outputs: no. 1 permanently supplying power to the built-in speaker and no. 2 as an independent line output available through a 3.5mm mini-jack socket***
- » ***9 fully programmable buttons with possibility to connect up to 5 ABT-EKB-20M extensions***
- » ***intercom function***

	ABT-DMS
Power supply	via PoE (RJ45) or by additional 48 V power supply / 15 W DC connector 5,5 / 2,1 mm
Degree of protection	IP 31
LCD	N/A
Number of outputs	2 channel audio (monitor speaker, headset)
Number of inputs	4 channels (single-ended input bgm)
Listening speaker	
Output	0,5 W
SPL	78 dBA (@1 m, 1 W)
Frequency response (3 dB)	450 Hz ... 8 kHz
Output for headphones (headset)	mini-jack 3,5 mm
Audio Inputs	
Input type	single-ended, 4x bgm
Frequency response	50 Hz ... 18 kHz (@3dB)
ADC resolution	32 bit
Sampling frequency	48 kHz
Connector	2x mini-jack 3,5 mm
Microphone input	
Input, connector type	balanced inputs, XLR
Condenser microphone, gooseneck	
Frequency response	100 Hz ... 10 kHz
Sensitivity	-45 dB
Keyboard and controls	
Number of keys	9 + PTT
Additional three normative controls	power – green / failure – yellow / activity – green
LED colors	RGB (red, green, yellow, blue)
Other parameters	
Operating temperature	-8°C to 60°C
Operating humidity	15% to 80%
Storage temperature	-20°C to 70°C
Storage humidity	5% to 95%
Dimensions	120 (W) x 55 (H) x 210 (D) mm
Weight	1,4 kg