ABT-NSC6

NOISE SENSING CONTROLLER

✔ *Operate under extreme temperatures*

✔ *IP 66 rated chassis*

✔ *Powered over external PS or POE*

✔ *TCP /IP connection supporting MULTIVES and miniVES*

✔ *Up to 24 controllers in the network*

✔ *Up to 6 Noise sensing mics per controller*

ABT-NSC6 is a TCP/IP controller specially designed for the use with MULTIVES and miniVES systems. The main roll of the device is collecting audio data from 6 measurement microphones and automatic volume control of background music and announcements in assigned speaker zones.

	ABT-NSC6
Power source	PoE (RJ45), or by the connector 2-pin Phoenix MSTBVA – 5,08 mm
Number of audio inputs	6 differential channels, connector type 3-pin 15EDGVC-3.5
Power Consumption (typical / maximum)	3,5 W / 6 W
Input voltage range	36 V – 57V
Sampling frequency	24 kHz
Frequency measurement band	200 Hz – 9 kHz @ 3 dB
Differential input impedance	6500 Ω @ 1 kHz
Range of measured values (for input voltages)	57 dB_{SPL} (250 uV_{RMS}) – 115 dB_{SPL} (200 mV_{RMS})
Phantom power	30 VDC
Temperature (operating)	-5°C to + 60°C
Ingress protection	54 // 66 – with additional packing glands
Enclosure	Aluminium
Weight	1,2 kg
Purpose of use	Ambient noise microphone controller

Types of LAN cables used: category 5e F / UTP twisted pair, up to 100 m between control unit / switch and ABT-NSC6;
Microphone inputs: YnTKSYekw 1x2x0,8, up to 300m

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