

NSM

SENSING MICROPHONE

MAIN PROPERTIES

Omni-directional electric condenser microphone cartridge.

Sensitivity adjustment range (variable resistor):	-60 ~ -48 dB, ± 0.5 dB
Microphone Input (1 kHz):	-40 dBu
Sensitivity (1 kHz):	48 dB to 60 dB
Audio output (1 kHz):	20 dBu
Output Impedance:	10 kOhm
Frequency response (+0.2/-4 dBu):	60 Hz-10 kHz
T.H.D Ratio (50 Hz-20 kHz):	0.3% (max:0.5%)

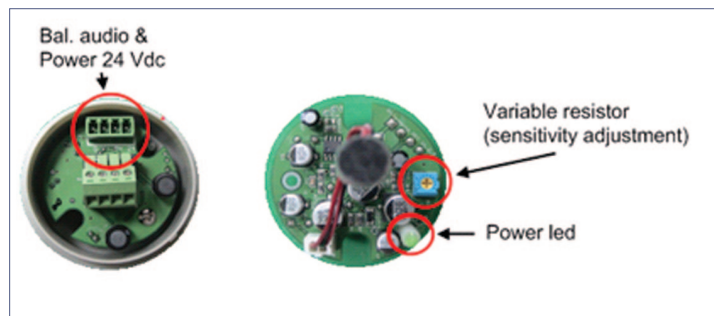
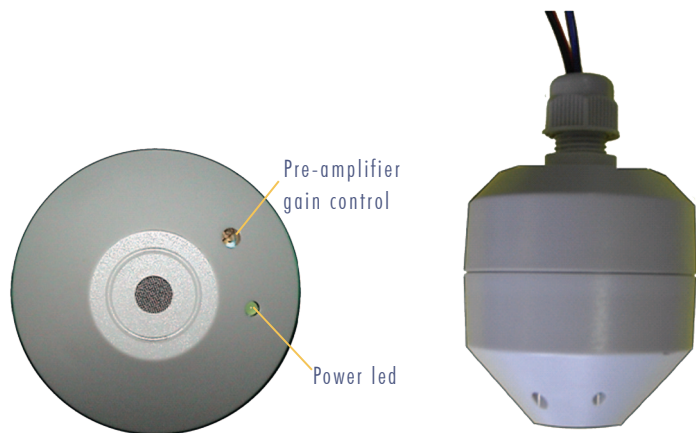
Electrical Characteristic

Power Supply	24 VDC (22 V to 26 V)
	1 green LED for supply status

Mechanical Characteristic

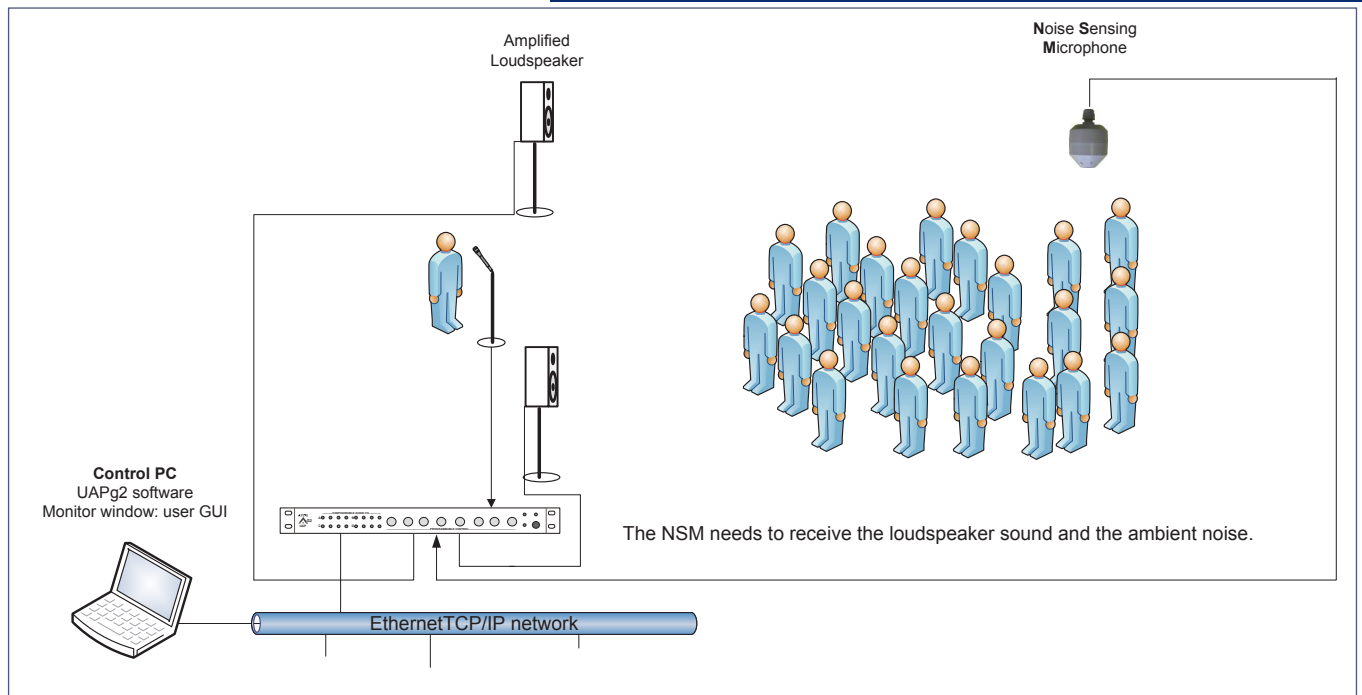
Protection index:	not IP55 compliant
Ledge Mounting:	(on wall or flat mounting)
Dimensions:	$\varnothing$ 62.5 mm x 92 mm (H)
Max cable external diameter on sub D9:	6,2 mm

The NSM assures the omnidirectional sound recording and preamplification of the surrounding background noise. The 0 dB modulation is sent through the UAPg2/LAPg2 in order to provide the automatic gain control feature of the A.N.G (Auto Noise Gain) component and allows the level adjustment where the NSM is implemented.



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CASE STUDY

FUNCTIONAL DIAGRAM

