

Noise Sensor

DNM



DESCRIPTION:

The DNM Ambient Noise Sensor is designed to work with CNSM controller as part of the Ambient Noise Sensing System.

The sample and hold Ambient Noise Sensor system sets the volume of announcements just above the ambient noise, guaranteeing that announcements are always intelligible, and not excessively loud.

The DNM sensor detects ambient noise using its built-in microphone. The detected signal is weighted with a speech-band response for the best system performance and is then translated to a value of measured ambient noise in dBA. This value is used to proportionally adjust the system output gain for the configured output channel or channels.

FEATURES:

- System support both serial and parallel connection.
- Maximum sensor capacity is 12 each loop having 4 sensors.
- Sensor will be connected to 3 channel sensor inputs.
- Noise sensor collect the surrounding ambient level and feedback to controller.
- Provides high pass and low pass filters.
- Maximum cable distance between controller and sensor is up to 3 Km.

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SPECIFICATION:

Model	DNM
Technical Specifications	
Microphone Type	Condenser
Communication Mode	Bus line
Noise Frequency Filter	4
Output level	1V/600 Ω
Frequency response	80-18KHz(+1/-3dB)
Connector for microphones	3 pin ceramic block (+, -, screen)
Measurement Range	57–115 dBA
Colour	White (RAL 9003)
Dimension	185mmx275mmx105mm
Weight	0.9kg

Disclaimer: As per our company policy one of the constant product improvements the right is there for reserved to modify the product specification without prior notice and the picture shown in the datasheet is a design base, the actual picture may vary.