



Noise Sensor dBA

General Description:



The SDT A-weighted sound pressure measurement microphone is to be used in combination with the SDT 170 M and SDT 170 MD Multifunction Ultrasonic Detectors.

The Ultrawave 170 senses the presence of the dBA sensor and automatically changes to the appropriate setting, scales and units. Measurements can be time-dated and logged inside the memory of the SDT 170 M and SDT 170 MD versions. Refer to the SDT 170 documentation for data logging limits and possibilities.

Applications: Monitoring and Data Logging noise levels in the plant. Tie data into central maintenance database.

Technical Data:

Microphone type	Electret (condenser microphone)
Input signal range	35 to 120 dB, A-weighted
Measuring Resolution	0.1 dB
Accuracy	1.5 % at 94 dB, meets IEC 651
Operating Temperature	0°C to 60°C / 32°F to 140°F
Operating Humidity	0 % to 90 % R.H. when temperature is less than 35°C/95°F 0 % to 70 % R.H. when temperature is above 35°C/95°F
Dimensions	197 x 10 mm / 5.39 x 0.39 inch (without windscreen)
Weight	60 gram / 0.132 lb (without windscreen)