



# Acoustical Surfaces, Inc.

**SOUNDPROOFING, ACOUSTICS, NOISE & VIBRATION CONTROL SPECIALISTS**

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**We Identify and S.T.O.P. Your Noise Problem**

## Smart Sound Level Sensors

smartSMS

### SMS-S-100

The SmartSMS sound masking system is equipped with an adaptive adjustment system. The ambient noise in a zone is measured and the masking sound level is adjusted based on this measurement.

The Soft dB's SMS-S-100 Sound Level Sensor measures the ambient noise level in a zone. It is installed through a 9.5 mm (3/8") hole in acoustic tile. In the case of an open ceiling, it can be fixed to the structure.

Typically one sensor covers 1 000 sq ft and up to 8 sensors can be installed in one zone.

#### Features:

- Back electret type designed for high resistance to vibrations, high signal-to-noise ratio
- High sensitivity type

#### Specifications

Sensitivity:	-35±4 dB (0 dB = 1V/pa, 1 kHz)
Directivity:	Omnidirectional
Frequency range:	20-20,000 Hz
Diameter:	3/8 in.
Length:	2¾ in. approx.
Standard operation voltage:	3 volts
Current consumption:	Max. 0.5 mA
S/N ratio:	More than 62 dB
Measurement range:	35 to 95 dB at 17 mV/Pa
Connectors Type:	BNC



Specifications are subject to change without notice

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**Soft dB**