



MiniSPL

Technical Specification

MiniSPL - Measuring Microphone
updated June 2004

Microphone Type	1/2", omni-directional, pre-polarized condenser, free field transducer
Sensitivity	(20 ±2) mV/Pa, (-34 ±1) dBV/Pa @ 1 kHz, 20°C +0.05 dB _{SPL} / °C, balanced out
Frequency Response	Class 2 acc. to IEC61672, tolerance curve is shown on the individual calibration certificate
Peak Acoustic Input	130 dB _{SPL} @ 1 kHz
Noise	32 dB _{SPL} , A-weighted
Load Conditions	20 kOhm - 200 kOhm balanced, to achieve this always switch PHANTOM POWER off.
Power Supply	1x AA battery 1.5 V, battery lifetime typical 300 hrs, no phantom power supply, phantom power resistant
Dimensions	Ø 22 x 180 mm, Ø 0.87" x 7"
Weight	100 g (3.5 oz) incl. battery
Temperature	0° to +45° C (32° to 113° F)
Humidity	< 90 % R.H., non condensing
Conforms to the Normative Standards	EMC-Directives: 89/336, 92/31, 93/68 Harmonized Standards: EN 61326-1



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