

Specifications 4230

SgLabs
www.sglabs.it
email: m.sev@sglabs.it
tel. +39 0755149360

Sound Pressure Level:

94 dB re 2×10^{-5} Pa (or 1 Pa)

Accuracy of SPL:

At 1013 mbar when loaded with $1,333 \text{ cm}^3$ (corresponding to B & K microphones with protecting grid, and their respective adaptors)

$\pm 0,3$ dB at $23^\circ\text{C} \pm 3^\circ\text{C}$ (68 to 79°F)

$\pm 0,4$ dB between 10 and 40°C (50 to 104°F)

$\pm 0,5$ dB between 0 and 50°C (32 to 122°F)

Frequency:

1000 Hz $\pm 1,5\%$

Equivalent Coupler Volume:

$|V| > 140 \text{ cm}^3$ at 23°C ($73,4^\circ\text{F}$)

$|V| > 70 \text{ cm}^3$ between 10 and 40°C (50 to 104°F)

$|V| > 35 \text{ cm}^3$ between 0 and 50°C (32 to 122°F)

Distortion:

$< 1\%$

Influence of Static Pressure:

$\pm 0,05$ dB/100 mbar from 500 mbar to 1100 mbar

Long Term Stability:

Better than $\pm 0,1$ dB/year (expected for normal field use)

Microphone Types:

1" directly

1/2" with supplied adaptor

Power Supply:

Internal supply from $1 \times 9 \text{ V}$ transistor (IEC 6LF22, NEDA 1604) battery

Operation:

With a new battery the signal will last for up to one minute after contact is released

Battery Check:

As long as the signal continues for a few seconds after the contact is released the change in SPL is less than 0,05 dB

Dimensions:

(Including leather case)

Length: 115 mm (4,5")

Diameter: 44 mm (1,7")

Weight:

(Including leather case)

260 g (0,57 lb)

Accessories Included:

Adaptor for 1/2" microphones DB 0311

Leather case KE 0065

Battery 9 V transistor IEC 6LF22 (B & K order No. QB 0016)

Accessories Available:

1/2" to 1/4" Adaptor DB 0310

1/2" to 1/8" Adaptor DB 0315

SgLabs
www.sglabs.it
email: m.sev@sglabs.it
tel. +39 0755149360