



# **VOLTCRAFT®**

## **VOLTCRAFT® - TOP PERFORMANCE IN EVERY WAY**

“For more than 25 years, our product range has been dynamically adapting to the constant changes in the industry. We commit to offering first-class quality to our customers while delivering an excellent cost-performance ratio. This philosophy remains the cornerstone of Voltcraft’s success.”

# **SLC-100**

## **SOUND LEVEL CALIBRATOR**

**Nº 10 12 91**

**CE**

VERSION 09/09

This sound level calibrator is suitable for adjusting and testing the accuracy of sound level measurement devices. The calibrator generates a defined sound signal with a switchable sound level of 94 dB or 114 dB. Microphones with a diameter of 12.7 mm (0.5 inches) can be inserted in the calibration chamber. The accuracy of the device complies with the Directive IEC 60942-2003 Class 2.

## **HIGHLIGHTS**

**Switchable sound level //**

**Sealed calibration chamber //**

**Corresponds to IEC 60942 class 2 //**



# GENERAL SPECIFICATIONS

**FOR MICROPHONES WITH A Ø OF:** 12.7 mm (1/2") **OUTPUT FREQUENCY:** 1 kHz  $\pm$  4 %, sine **OUTPUT LEVEL:** 94 dB or 114 dB **VOLTAGE SUPPLY:** 9 V block alkaline battery **WEIGHT:** 278 g **DIMENSIONS (W x H x D):** 50 x 120 x 42 mm

## TECHNICAL DATA

Power consumption:	approx. 4 mA
Reference Conditions	
- Temperature:	23 °C
- Relative air humidity:	65 %
- Atmospheric pressure:	1013 hPa
Temperature coefficient:	$\pm$ 0.02 dB/°C
Accuracy output level:	$\pm$ 0.5 dB (at 94 dB) / $\pm$ 1.0 dB (at 114 dB) under reference conditions
Battery life:	approx. 40 hrs (alkaline battery)
Operating temperature:	0 °C to +50 °C
Storage conditions:	-20 °C to +60 °C, < 80 % relative humidity

## PACKAGE CONTENT

Sound level calibrator // 9 V battery // Case // Operating instructions

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