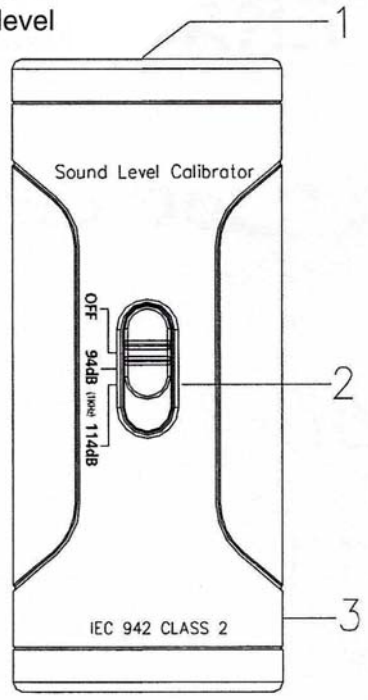
SPL-105 INSTRUCTIONS

Calibrator description

1. Microphone adaptor
2. Range switch
3. Battery compartment/Cover

Procedure

1. Insert the microphone under test into the calibrator's microphone cavity, ensure that it is fully inserted (Sound level meters with 1", 1/2" and 1/4" microphones can be calibrated with this device).
2. Slide the range switch to the 94dB position, or the 114dB position as desired. The calibrator generates its signal as soon as the switch is set.
3. Read the sound level meter's value. The sound level meter should read 94dB or 114dB depending on the calibrator's signal level. If the sound level calibrator does not match the calibrator's signal (within specification), adjust it as explained in the sound level meter's operating instructions.
4. Slide the range switch to the "OFF" position and remove the microphone.



Specifications

Output sound pressure levels: 114dB and 94dB
Output frequency: 1000Hz ± 4%
Reference conditions: Temperature 23 °C (73 °F) ,1013 mbar,65%RH
Accuracy: ± 0.5dB
Power: One 9V battery, 006P or IEC 6F22 or NEDA 1604.
Low Battery check: Calibrator will cut sound pressure output if battery voltage falls below acceptable range.
The instrument complies with: IEC 942 CLASS 2.
Dimensions: 120(L) x 51(W) x 43(H) mm
Weight: approx.130g

Battery replacement

1. Please replace the battery when the sound level calibrator does not have sound pressure output.
2. Open the battery cover to access the 9V battery. Remove the battery and replace with new 9V battery.

NOTE: Calibration adjustment level for model SPL-8810 are located behind batter cover. Meter must be set to "C" weighting for calibration. The meter has a separate adjustment level for both the "low" and "hi" range. Select "LOW" range on the meter when calibrating the low adjustment and switch to "HIGH" range when calibrating the high adjustment.

A fine-tip, flat blade screwdriver is required for adjustment