

## Sound Level Calibrators

**94dB or combination 94dB/114dB, 1kHz Professional Calibrator for 0.5" or 1.0" Microphones**  
 With durable die-cast, aluminum housing

### Features:

- Calibrates and verifies Sound Level Meter operation
- For use on Sound Level Meters with 0.5" or 1.0" microphones
- Total Harmonic Distortion (THD) <2% at 94dB
- Meets IEC standard 60942 1997-11
- Complete with two 9V batteries, carrying case, and screwdriver

### Model 407744

- Battery test position with battery status LED indicates if battery is good
- 1kHz sine wave at 94dB is generated to an accuracy of 5% (frequency) and  $\pm 0.5$ dB

### Model 407766

- LED indicator lights up when power is on
- Level position to select 94dB or 114dB
- 1kHz sine wave at 94dB/114dB is generated to an accuracy of 5% (frequency) and  $\pm 0.5$ dB (94dB)/ $\pm 1.0$ dB (114dB)
- 3 position switch (OFF/94dB/114dB)



| Specifications        | Range                                  | Accuracy                                |
|-----------------------|----------------------------------------|-----------------------------------------|
| Frequency             | 1000 Hz                                | $\pm 5\%$                               |
| Sound Pressure Level  | 94 dB (407744); 94dB/114dB (407766)    | $\pm 0.5$ dB (94dB), $\pm 1$ dB (114dB) |
| Distortion            | <2% Total Harmonic Distortion (THD)    |                                         |
| Operating Temperature | 32 to 122°F (0 to 50°C)                |                                         |
| Power Supply          | Two Heavy duty, alkaline 9V Battery    |                                         |
| Power consumption     | Approx. 10mA DC                        |                                         |
| Dimensions            | 2.2" diameter x 5.6" long (50 x 127mm) |                                         |
| Weight                | 0.75 lbs. (340g)                       |                                         |

### Ordering Information:

407744 .....Sound Level Calibrator, 94dB  
 407744-NIST .....Sound Level Calibrator, 94dB with Calibration Traceable to NIST  
 407766 .....Sound Level Calibrator, 94dB/114dB  
 407766-NIST .....Sound Level Calibrator, 94dB/114dB with Calibration Traceable to NIST

