

## 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

