



Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of “Quality Parts,Customers Priority,Honest Operation,and Considerate Service”,our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



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## 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 ±0.5dB

### 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 ±0.5dB (94dB)/±1.0dB (114dB)
- 3 position switch (OFF/94dB/114dB)



Specifications	Range	Accuracy
Frequency	1000 Hz	±5%
Sound Pressure Level	94 dB (407744); 94dB/114dB (407766)	±0.5dB (94dB), ±1dB (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

