

# CASTLE GA600 CALIBRATOR SERIES

## **GA601: Single Level Calibrator (IEC 942 Class 2)**

Most Measurement codes of practice and good practice demand that an independent acoustic calibration of any sound level meter should be made before and after a series of measurements and the Castle GA601 provides just that facility. It produces a calibration tone of 1000Hz at a level of 94dB re 20 $\mu$ Pa at the microphone. It is supplied with a 1/2" cavity.

## **GA607: Dual Level Calibrator (IEC 942 Class 1)**

Similar to the GA601 in design, the GA607 meets the demanding standards of a class 1 calibrator. It features two calibration levels, 94dB and 104dB re 20 $\mu$ Pa both at 1kHz. It is for use with 1/2" microphones. Using the GA607, a sound level meter can be checked at two meter scale points and usually on two ranges. The 104dB level is also used for calibration of the GA154 and GA255 Dosimeters.



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## **Specifications**

**General:** Nominal Sound Pressure level at 101.3kPa (760mm Hg), 20° & 65%RH, Tolerance:  $\pm$  0.5dB (4%), Stability:  $\pm$  0.2dB (1%), Harmonic Distortion: < 3%, Temperature range: -10°C to 60°C. Batteries: 2 x 3V CR2032 (Coin Cell) Life: 100 hours. Cavity diameter: 1/2" microphone standard, Dimensions: Length: 140mm, Diameter: 51mm, Weight: 230gms

**GA601:** 94dB relative to 20 $\mu$ Pa  
Built to the requirements of IEC942:1988 Sound Calibrators, Class 2.

**GA607:** 94dB or 104dB relative to 20 $\mu$ Pa  
Built to the requirements of IEC942:1988 Sound Calibrators, Class 1.

## **GA603 - Audiometer Calibrator**

Audiometers should be calibrated regularly. The Castle GA603 is a compact and convenient accessory for audiometric calibration. It is an artificial ear designed for use with GA112 or other sound level meters with plug in microphone facility. Designed to IEC 303 the GA603 has a built in MK73 microphone permitting calibration up to 10KHz.



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