



# C.A 834

## Recording Sound Level Meter

### Noise

## Monitor your exposure to noise

- A compact, robust and accurate instrument
- Very large memory capacity
- Complies with IEC 651 type 2 standard
- Calibrator C.A 833: source adjusted to 94 dB for the calibration of your sonometer

Standard compliance	IEC 651 type 2	
Type of microphone	Condenser microphone	
Measurement range: 4 measurement ranges from 30 dB to 130 dB	30 dB to 80 dB 50 dB to 100 dB 80 dB to 130 dB 30 dB to 130 dB (auto-range)	
Display: LCD	Digital	4 digits Resolution: 0.1 dB Display update: 0.5 s
	Analogue	50 segment bargraph Resolution: 1 dB Display update: 50 ms
Accuracy	± 1.5 dB	
Frequency dynamics	31.5 Hz to 8 kHz	
Frequency weighting	A & C curves (as per IEC 651)	
Time weighting	FAST: 125 ms SLOW: 1 s	
RS232 input / output signal	9600 bps / no parity / 8 bits / 1 stop bit	
Memory	32,000 data (acquisition rate from 1s to 1h)	
Utility software	for WINDOWS 95 / 98 / NT 4.0 or higher version	
Analogue output	AC output	1 V <sub>RMS</sub> at full scale Impedance: 100 Ω
	DC output	10 mV / dB Impedance: 1 kΩ

#### Operating conditions:

- Temperature: 0 to 50 °C
- Humidity: < 80 % RH

#### Storage conditions:

- Temperature: -20 °C to +60 °C
- Humidity: < 80 % RH

**Dimensions:** 205 x 60.5 x 38 mm

**Weight:** 230 g



The C.A. 834 and its accessories

To order	
Sound level meter <b>C.A 834</b>	P01.1855.02
Calibrator <b>C.A 833</b>	P01.1853.01



# GASTEIZ

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