

1

Class 1

Features

- Powerful CPU
- Lp/ Leq/ LAE/ Lpeak simultaneously
- Wide frequency 10 Hz...16 kHz
- Wide range 30 dB...130 dB
- Very wide dynamic range 110 dB

Application

- Noise at work
- Occupational & industrial hygiene
- Vehicle noise assessment
- Construction noise measurement
- Entertainment noise measurement



Technical specifications

Display	3 1/2 digit backlight LCD
Display refresh rate	1 Hz for text; 10 Hz for graph
Standard	IEC 61252-1993; IEC 61672-1-2003 ANSI S1, 25-1992; ANSI S1, 4-1983; ANSI S1, 43-1997
Microphone	1/2" pre-polarized condenser microphone build in preamplifier : -26+2dB (50mV / Pa), frequency range: 10 Hz ~ 16 kHz, heat noise : 20 dB (A)
Measurement items	Lp, Li, Leq, LAE, Lmin, Lmax, Lpeak
Measurement range	30dB ~ 130dB (A) / 35dB ~ 130dB (C) / 40dB ~ 130dB (Z)
Max Cpeak	70...133 dB
Dynamics range	100 dB
Accuracy	+/- 1.4 dB @ 94 dB / 1 kHz
Integration time	10s/1m/5m/10m,/30m/1h/2h/4h/8h and user define
Time weighting	Fast / Slow / Impulse / Peak
Frequency weighting	A / C / Z
Frequency range	10 Hz...16 kHz
AC output	2 Vrms / 130 dB
AC poewr	AC 100...240 V to DC 6...9 V / 0.5 A
Dimensions	285 x 90 x 39 mm (L x W x H)
Weight	550 g (batteries included). 2.5 Kg (whole package)

