

CA 1310

Integrating Sound Level Meter



Measurement of the equivalent continuous sound level (Leq)

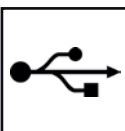
Recording of up to 64,000 measurement points with data processing software supplied as standard

Wide backlit screen with digital and bargraph display

Microphone for remote use (extension accessory)

IEC
61672-1
Class 2

SL-Software



Measure up



THE CA 1310 INTEGRATING SOUND LEVEL METER

can be used very simply to measure noise in the environment. Outdoors, in a factory, in an office, whatever the location, the CA 1310 will tell you instantly whether the sound levels around you are acceptable. The ergonomic design of its casing offers excellent grip and the large backlit screen is very easy to read.

SPECIFICATIONS

CA 1310

Microphone	1/2" electret-condenser microphone
Measurement range	30.0 to 130.0 dB
Frequency range	20 Hz to 8 kHz
Accuracy (in reference conditions at 94 dB, 1 kHz)	± 1 dB
Frequency weighting	A / C
Time weighting	FAST: 125 ms / SLOW: 1 second

FUNCTIONS

Measurement modes	SPL (sound pressure level), Leq (equivalent continuous sound level), MaxL (maximum sound level), MinL (minimum sound level)
Leq integration time	As required among the following values: 10 sec, 1 min, 5 min, 10 min, 15 min, 30 min, 1 hr, 8 hrs, 24 hrs
Recording	64,000 points
Time display and time/date-stamping	Yes
Min/Max	Yes

DISPLAY

Digital display	0.1 dB resolution / Display refresh rate: 500 ms
Bargraph	50 segments, display refresh rate: 50 ms
Backlighting	Yes

POWER SUPPLY

Batteries	1.5V AA x 4
Battery life	More than 60 hours

PHYSICAL SPECIFICATIONS

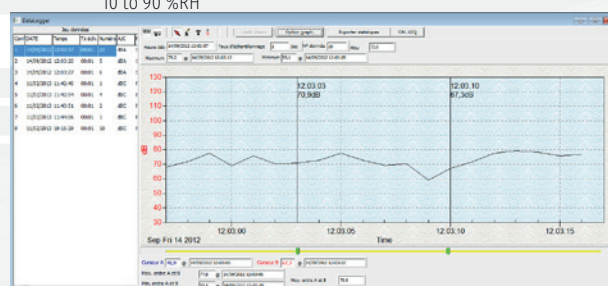
Interfaces	Micro USB for data transfer or use of mains power supply Analogue AC / DC Jack output: AC output: 1 Vrms at full scale / DC output: 10 mV / dB
Tripod insert	Yes
Dimensions / weight	262 x 75 x 39 mm / 390 g (with batteries)
Ingress protection	IP 40

ENVIRONMENTAL SPECIFICATIONS

Operating temperature	0 to 40 °C	Real-time monitoring of the measurements with SL-Software PC software
Storage temperature	-10 to +60 °C	
Humidity	10 to 90 %RH	

GENERAL

Compliance	IEC 61672-1 Class 2 / ANSI S1.4 Type 2
Warranty	2 years
SL-Software data processing software	Graphical representation or table of values - Data export - Real-time mode



Standard state at delivery :

- CA 1310: delivered in a hard case with batteries, foam wind-shield, software on CD-Rom, 1 male Jack socket, User's Manual, Verification Certificate.

To order :

CA 1310 integrating sound level meter.....P01651030

Accessories & replacement parts :

CA 833 sound level meter calibrator.....P01185301
Foam wind-shield.....P01102083
5-metre sound level meter
microphone extension cable.....P01102190
USB mains adapter
(supplied with USB/µUSB cable).....P01651023
4 x AA/LR6 rechargeable batteries + charger.....HX0053



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