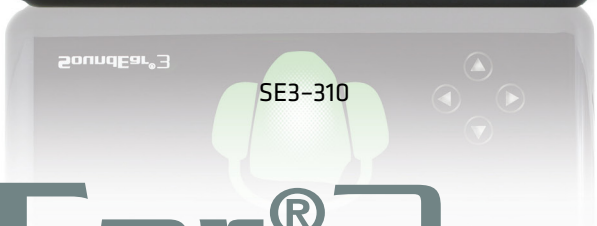


More information:
www.soundear.com



SoundEar 3[®]
SE3-320

SE3-300



SE3-310

SoundEar[®] 3

Measure, monitor and manage the noise

SoundEar®3

With a new improved software and wider measuring range

The new SoundEar®3 (300, 310 and 320) with included software provides a complete overview of the noise conditions at work.

The visual alarm instantly and clearly indicates where and when the preset noise limit is exceeded. The built-in log saves LAeq measurements for up to 90 days.

SoundEar®3 comes with a USB key that makes it easy to import data into the software. In comparison to point measurements, this far more concise overview of the noise situation will make it easy to see where to take action in order to reduce noise pollution.

All measurements are saved in a CSV format and can be opened in Excel.



The mini display on SoundEar®3 – 300 and 310 is operated manually via the touch panel on the front of the cabinet.



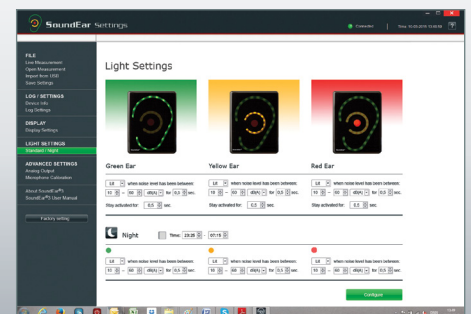
External microphone.



USB key for export of data.

SoundEar®3 Specifications

Parameters:	Measures 3 measurements simultaneously LAF; LAS; LCpeak; Laeq, 1s, Laeq ¼ h, Laeq 1/2h, Laeq 1 h.
Resolution:	0,1 dB for all parameters
Measuring Ranges:	RMS: Total 30 – 120 dB
Deviation:	+/- 0,5 dB
Frequency Range:	20Hz- 20 kHz
Frequency Weightings:	A- weighting (RMS), C- weighting (Peak)
Time Weighting:	Slow(1S) & Fast (125 ms)
Dynamic Range:	90 dB and peak detection
Light setting:	full configurability through Soundear software including nightsetting.
2 x outputs :	0-10 V or 4-20 mA
2 xUSB outputs:	Micro USB (power & PC) , USB OTG (Log, configuration)
Display setting:	LAS max, Leq (A)15, Alarm settings, Temperature & Clock
Power Supply:	5VDC (Micro USB) / 24VDC (Screw terminal)
Current Consumption:	max 2,5 W
Internal memory:	16 MB(128 Mbit) (5-90 days log time, depending on log settings)
Real Time Clock:	Hi-precision type with battery backup (CR2032)
Microphone:	20 Hz- 20 kHz
Measurement 300 - 310:	Length 256 mm, Width: 205 mm, Height: 45 mm, Weight: 1,5 kg
Measurement 320:	Length: 150mm, Width: 120mm, Height: 45mm, Weight: 0.450 kg.
Standards:	IEC61672-2-2002, Type 2, ANSI 51,4 Type 260601-1: Medical electrical equipment- Part 1: general requirements for basic safety and essential performance. 60601-1-2. Medical equipment – Part 1.2: General requirement – Part 1-2: General requirement for Basic safety and essential performance.
Connectivity accessories:	GSM module, 4 G module for Cloud solution



SoundEar®3 software



Thank you for reading this data sheet.

For pricing or for further information, please contact us at our UK Office, using the details below.



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Please note - Product designs and specifications are subject to change without notice. The user is responsible for determining the suitability of this product.