

SoundEar 3XL

# SoundEar®3

How to Control Noise at Work - You need to measure noise to manage it

### 1. Visualize Noise

- Create awareness about noise by visualizing it
- Receive a visual warning when hearing protection is required

## 2. Measure Noise

- Type II certified sound meter
- Microphone calibration through software

## **3. Monitor Noise**

- 24/7/365 noise monitoring through SoundEar Software
- Email notifications at critical noise levels
- Automatic noise reports

## 4. Manage Noise

- Analyze noise in SoundEar Software
- Use Insights to implement noise reducing initiatives



Visit our new blog soundear.com/blog and learn more about noise

## SoundEar®3

## Measure, monitor and manage noise in multiple locations

### With the wireless noise measuring system, you can:

- Measure and monitor noise in multiple locations
- Monitor noise levels through the included software
- Receive alarm notifications via e-mail when noise levels are too high
- Receive automatic noise reports in an e-mail

You can monitor noise levels for all your devices simultaneously, through the included SoundEar Software. Each device transmits noise measurements to your computer directly or via a cloud service.

You can choose between 3 types of automatic data transport: Wireless communication, Wi-Fi, or Lan.



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#### SoundEar®3 - 300, 310, 320 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:	LAeq 1 s., Alarm level and Clock
Power Supply:	5VDC (Micro USB) / 24VDC (Screw terminal)
Current Consumption:	max 2.5 W
Internal memory:	16 MB (128 Mbit) (ca. 650 days log time)
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: 0.45 kg.
Measurement 3XL:	Length: 595mm, Width: 412mm, Height: 59mm
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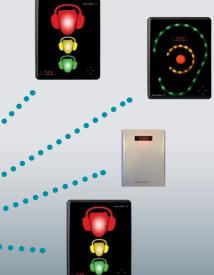
 Standards:
 IEC61672-2-2002, Type 2, ANSI 51,4

 Type
 260601-1:
 Medical electrical equipment - Part 1: general requirements for basic safety and essential performance.

 GOD01-1-2:
 Medical equipment - Part 1.2: General requirement - Part 1.2: General requirement for Basic safety and essential performance.

 Part 1-2:
 General requirement for Basic safety and essential performance.

 Module for Cloud solution.
 SM





### www.soundsafety.com.au