More information:
www.soundear.com

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 A/S

SoundEar®3

Measure, monitor and manage noise in multiple locations

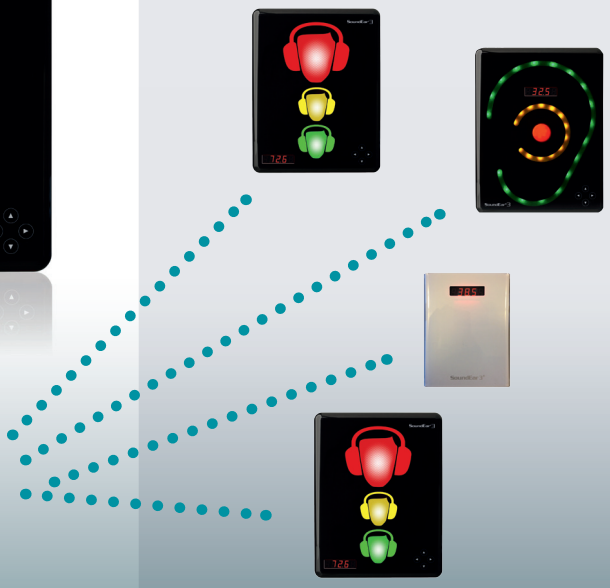
With the wireless noise measuring system, you can:

- 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.

- Up to 235 different locations
- Data transport via wireless USB dongle



MONITOR

- 24/7 monitoring
- Non-stop surveillance up to 6 weeks
- All data is organized automatically in a simple calendar system

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
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.

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