



The Difference Between SoundEar®II and SoundEar®3

SoundEar®3 has been developed with several new useful features, such as:

- Internal log, which automatically stores all data.
- Day and night settings, making it possible to have a night setting where it only lights up when the noise limits are exceeded.
- Measurement range from 30 dB to 120 dB, making it useful in places where the noise limits are very restrictive.
- Improved software, which provides a full overview of the stored measurements and all previous measurements, making it easy to compare and generate a report.
- Wireless connection, which makes it possible to connect multiple devices. All data is automatically stored, and a report can automatically be sent to an email daily and weekly.
- Email alarms can be sent if the noise level has suddenly been exceeded at a location.
- External microphone makes it possible to place the microphone somewhere else instead of the display.
- Deviation is only 0.5 dB, making the measurements very precise.
- Calibration can be carried out on site.
- Cloud solution can be purchased.
- Modbus and analog output are available for integration with other systems.
- Connection to WiFi/LAN, cloud, etc., requires the use of SoundEar Micro PC.

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PRODUCT	SE II	SE 3-310	SE 3-320
Frequency Range	20 Hz-16KHz	20 Hz-20KHz	20 Hz-20KHz
Measuring Range	45 -115 dB	30-120 dB	30-120 dB
Deviation	3 dB	0,5 dB	0,5 dB
Frequency Weighting	dB A	dB A & dB C	dB A & dB C
Time Weighting	Slow	Slow & fast	Slow & fast
Dynamic Range RMS	48 dB	90 dB	90 dB
Peak detection		✓	✓
Alarm settings	16	Full flexible	Full flexible
Light settings	÷	Full flexible	N/A
Internal Log	÷	✓	✓
Log Memory	÷	Up to 600 days	Up to 600 days
Real time Clock	÷	✓	✓
IP	42	42/54	42
Standards	IEC-61672	IEC61672-2-2002	IEC61672-2-2002
Class	II	II + I	II + I
Calibration on site	÷	✓	✓
Dimension mm	265x205x46	265x205x46	150x120x45