



Measure, monitor and manage the noise with **5E3-310** 

## SoundEar®3 - 310 Specifications

**Parameters:** Measures 3 measurements simultaneously

LAF; LAS; LCpeak; Laeq, 1s, Laeq 1/4 h,

Laeq 1/2h, Laeq 1 h. 0,1 dB for all parameters

Measuring Ranges: RMS: Total 30 - 120 dB

**Deviation:** +/- 0,5 dB **Frequency Range:** 20Hz- 20 kHz

Resolution:

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 )



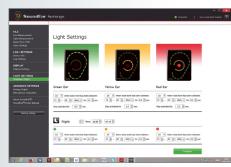
The mini display on SoundEar®3 – 300 and 310 is operated manually via the tuch panel on the front of the cabinet.



External microphone.



USB key for export of data.



SoundEar®3 software



**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

**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