



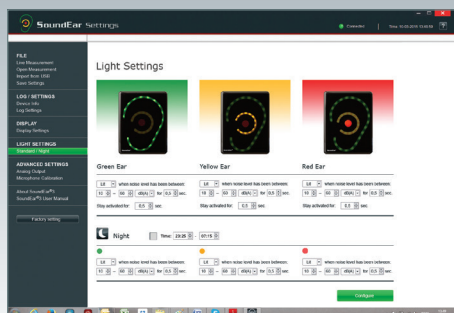
Measure, monitor and manage the noise with the NEW SoundEar®4-410 with integrated dosimeter and WIFI

The SoundEar®4 is an advanced noise monitoring device equipped with WIFI and Modbus communication capabilities, along with an open API for seamless interation with various systems.

Soundear®4-410 can either be used as a standalone system or connected to a wide range of IoT and cloud solutions.

Soundear®4-410 has an integrated Dosimeter so you can monitor noise exposure throughout the working day.

Its design caters to the growing need for smart, inter-connected devices that can ealily share and process data within the modern technological ecosystem.



SoundEar®4 software



External microphone.



The mini display on SoundEar®4 – 400 and 410 is operated manually via the tuch panel on the front.

Technical data SE®4-410

STANDARDS: IEC61672-1-2002, ANSI S1.43 -1997

Type 260601-1: Medical electrical equipment – Part 1: general requirements for basic safety and essential performance. 606010-1-2: Medical equipment – Part 1-2: General requirement for basic safety and essential performance. Dampness and dust: IP 42.

PARAMETERS:

Measures 3 measurements simultaneously, Fast, Slow, LAF; LAS; LCpeak;

Laeq, 1s, Laeq ¼ h, Laeq 1/2 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

Real Time Clock: Hi-precision type with battery backup (CR2032)

Microphone: 20 Hz- 20 kHz

CONNECTIVITY:

WiFi/Lan, Modbus

MECHANICAL FEATURES:

Cabinet:

Shockproof acrylic

1xUSB:

USB-C (power & PC for Log and configuration)

Measurement:

Length 256 mm, Width: 205 mm, Height: 45 mm

Weight: 1,5 kg

ELECTRICAL FEATURES:

Power Supply:

5VDC (USB-C)

Current Consumption:

max 2,5 W

TEMPERATURE:

During operation: 0 °C to 50 °C

When stored/during transport: -20 °C to 60 °C

MINI DISPLAY SETTING: LAeq 1 s., Alarm level, Clock and mini display off