



# SoundEar®3

Manage the volume with SoundEar®3

For more information: [www.soundear.com](http://www.soundear.com)

# Nothing escapes SoundEar®3

SoundEar®3 provides automatic surveillance and controlling of noise levels in the nightlife.

Place SoundEar®3 in the bar, on the dance floor or outside on the terrace – and get notified on your mobile if noise levels exceed your limits.

## 1. Configure



- Adjust light settings and visual alarm
- Select output
- Set log settings
- Type your mobile number

## 2. Monitor



## 3. Alarme



- Receive SMS notifications at critical noise levels.
- Switch off the power with SoundBuster relay box if noise limits are exceeded repeatedly.

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

### SoundEar®3 Specifications

Frequency Range: 20 Hz – 20 kHz  
 Measuring Level Range: 30 dB – 120 dB  
 Deviation: +/- 0.5 dB  
 Frequency Weighting: dB (A) & dB (C) filter  
 Time Weighting: Slow (1S) & (125mS)  
 Dynamic Range RMS: 90 dB and Peak detection  
 Light setting: Full configurability through SoundEar® software including night setting.

2 x Outputs  
 (1 for dB A + 1 for dB C): Either 0-10V or 4-20mA outputs  
 2 x USB ports: Micro USB (Power & PC), USB OTG (Log, config.)  
 Display data: dB(A) Slow, Leq(A)15, Alarm settings, Temperature & Clock

Power supply: 5VDC (micro USB) / 24VDC (screw terminal)  
 Current consumption: max 2.5W.  
 Microphone: 20 Hz – 20 kHz  
 Internal memory: 16MB (128MBit) (5-90 days log time, depending on log settings)  
 Real Time Clock: Hi-precision type with battery backup (CR2032).  
 Mechanical properties: Cabinet: Shockproof acrylic. Measurements: Length: 265mm, Width: 205mm. Height: 46mm, Weight: 1.5 kg.  
 Standards: IEC61672-2-2002. Type 2, ANSI S1.4 Type 260601-1: Medical electrical equipment - Part 1: General requirements for basic safety and essential performance. 60601-1-2: Medical electrical equipment Part 1-2: General requirements for basic safety and essential performance.

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