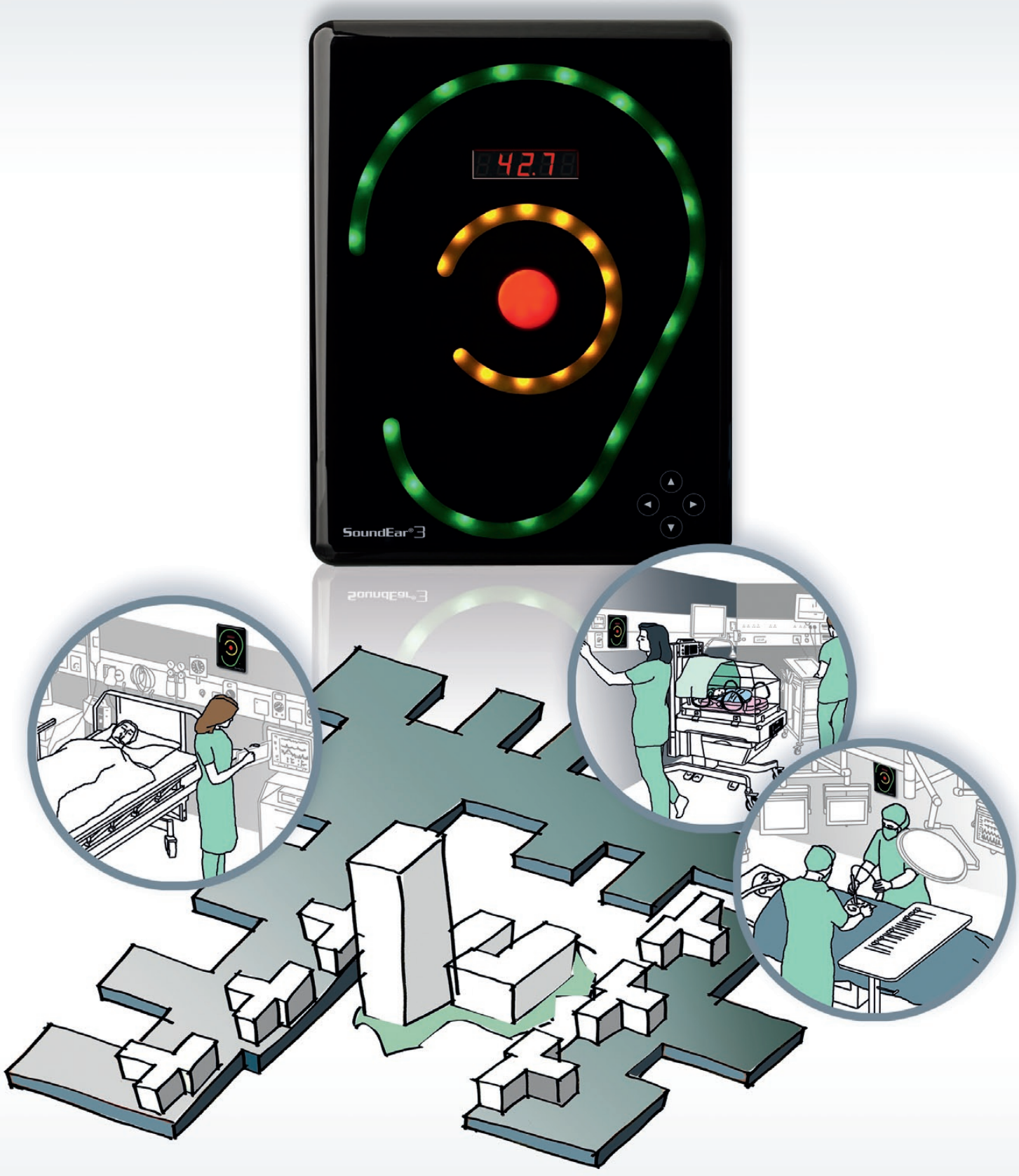
SoundEar®3

helps you to measure, monitor and manage noise in hospitals



www.soundear.com

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Unnecessary noise, then, is the most cruel absence of care which can be inflicted either on sick or well.

– Florence Nightingale, Notes on Nursing, 1859

In many hospitals patients and staff complain about to much noise. This includes noise from medical equipment, staff and visitors ect. To much noise delay recovery and rehabilitation periods, thereby causing patients to stay for an unnecessary longer period of time due to bad acoustic and sound environments within modern hospitals.

Hospitals of the future focus on lower noise levels. Not only does a good auditive environment facilitate recovery, it also leads to better sleep patterns and higher levels of patient and staff well being.

Schneider Electric® and SoundEar® have joined forces to help hospitals to measure, monitor and manage noise and we are pleased to invite you on board.

SoundEar3 is available in two versions

Schneider Electric Software Platform.

SE®3 – Specifications:

Frequency Range:	20 Hz – 16 kHz
Measuring Level Range:	30 dB – 120 dB
Frequency Weighting:	A-Filter and C-filter
Time Weighting:	Slow dB(A), Slow dB(C), Fast dB(A), Fast dB(C)
Dynamic Range:	90 dB
2 x Outputs (1 for dB A + 1 for dB C):	Either 0-10V or 4-20mA outputs
Power Supply:	5 V 110/220/ 24 V 110/220
Microphone:	20 Hz – 20 kHz
Standards:	60601-1: 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.

SoundEar A/S

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