

Noise Display SoundEar® Medical Supply Units

Monitor and display background noise levels on your ward to support a comfortable, healthy and healing environment for patients, staff and visitors.



D-18278-2010

Benefits

The problem of noise

The human ear attenuates background noise over time, a process which can lead to a loss of noise level objectivity. As a result, noise levels tend to increase during the course of the day. By measuring and displaying actual noise levels on your ward, the Noise Display provides you with valuable feedback to help you recognize and control excessive levels of noise, and thus support a comfortable and healthy environment¹.

Visualizing sound

Noise Display shows you noise levels using a series of colored lights: Green means that noise levels are within acceptable limits, while yellow and red lights signify potentially harmful amounts of noise. This easily recognizable display provides objective information, indicating when caregivers need to reduce noise to appropriate levels.

Less stress for everyone

Excessive amounts of noise can cause unnecessary stress for your patients and reduce your ability to work efficiently². Studies have shown that this stress can have a very real effect on wellbeing^{3,4}. The brain spends a considerable amount of energy filtering out unwanted stimuli, which is why it's easier for most people to concentrate and rest in a quiet environment⁵. Noise Display can help you put that energy to better use.

Visible focus on patient wellbeing

Visitors will quickly recognize the Noise Display system as a significant effort on your part toward achieving the goal of total patient comfort and care. It's an obvious sign that you are doing everything you can to make conditions as pleasant as possible for you, your patients and visitors.

¹ Hospital Noise – Levels and Potential Health Hazards. S. Falk et al.; N Engl J Med 1973; 289:774-781
October 11, 1973

² Nurses' Perception of Noise Levels in Hospitals in Spain Marqués Sánchez, M del Pilar et al.; Journal of Nursing Administration, May 2008 – Volume 38 – Issue 5 – pp 220-222

³ Hospital Noise – Levels and Potential Health Hazards. S. Falk et al.; N Engl J Med 1973; 289:774-781
October 11, 1973

⁴ Noise pollution in the operating theatre B. Hodge et al.; The Lancet, Volume 335, Issue 8694, 14 April 1990, Pages 891-894

⁵ How does background noise affect our concentration? M. Andrews; Scientific American Mind, January Issue 2010

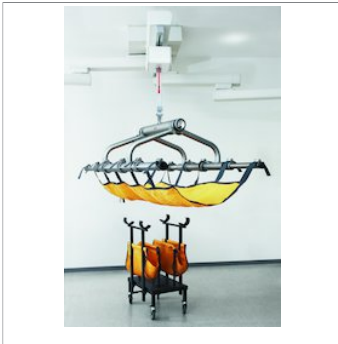
Related Products



D-3383-2022

Lighting Solutions

Improve the atmosphere on your intensive care unit for patients, staff and visitors alike with a selection of supply unit illumination and ambience options.



D-1946-2011

Integrated Patient Lifting Solution

Streamline your workflow and reduce risk for everyone involved while improving the quality of care for your patients with an economical, supply unit based solution for patient lifting.

Technical Data

SoundEar® II - Upgradeable version (with plug power supply)

Weight	1.5 kg
Voltage	24 V DC

Plug power supply

Euro plug	CEE7/16
UK plug	BS1363
USA plug	NEMA 1-15
Australia plug	AS3112
IEC plug DIN	EN60320

Ordering Information

Noise Display

SoundEar® II	G 24 925
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