



Noise Display SoundEar®

Workstation-Components

Monitor and display background noise levels on your ward to support a comfortable healthy and healing environment for patients, staff and visitors (1)

Highlights

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 you ward, the Noise Display provides you with valuable feedback to help you recognize and control excessive levels of noise.

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.

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.

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

Accessories



Dräger Linea®

- Custom wall supply units for various applications
- Modular design enables use in many care areas
- Space-saving and flexible outlet options
- Available in 17 standard RAL colours and various wood finishes
- Various optional lighting concepts for patient and staff comfort

Connective Products



Ambia®

- Ceiling-mounted supply unit for acute care workstations
- Modular and flexible to comply with all kind of specific requirements
- Offers numerous accessories and options for mounting equipment
- Improves workflows and increases well-being



Gemina

- Wall-mounted supply unit for efficient, patient-centered care
- Provides enough space for freely attaching medical equipment
- Various colour and lighting options
- Supports ergonomic workplace design



Ponta®

- Beam supply system providing flexible access to the patient
- Enhances ergonomics for staff
- Can be used in intensive care units, neonatal units, or recovery rooms
- Offers numerous possibilities to adapt to individual requirements

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