

SoundEar II[®]

Noise Activated Warning Sign

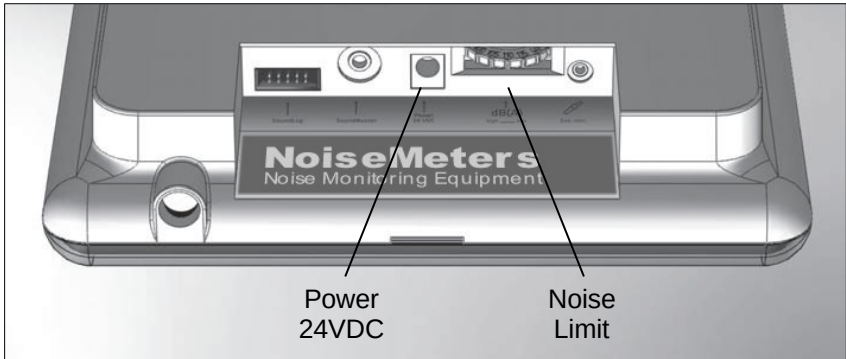


NoiseMeters

Setting the Noise Limit

You can set the SoundEar II to provide a visual warning, consisting of a flashing read light, to one of 16 different noise limits ranging from 45 to 115 dB(A).

Use the red wheel at the bottom of the device to select the desired noise limit.



Mounting and Powering



The microphone is located at the bottom of the sign, ensure that it is not covered up. Also avoid mounting close to absorbing materials.

With a power outlet nearby, mount the sign on the wall using an 8-9mm screw at a height of 150-200cm. Ensure it is securely mounted. A VESA mount is also available for more secure or corner mounting.

Connect to the power outlet using the 24VDC adapter that is included.

Displays



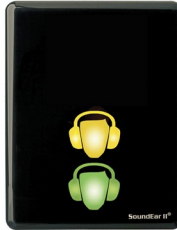
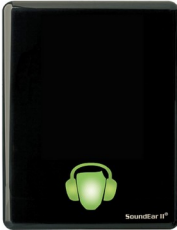
Green
Sign is on
and level is
acceptable



Yellow
Noise level
approaching
the limit



Red
Noise limit
has been
exceeded



Typical Noise Limits

No disturbing noise	35-45 dB(A)
High concentration level	
Teaching, office or customer service	45-55 dB(A)
Unhindered conversation and concentration	
Industrial work without noisy machinery	60-70 dB(A)
Storage, mounting and laboratory work	
Day care facilities	75-85 dB(A)
Industrial work with noisy machinery	
Concerts, rehearsal rooms	90-105 dB(A)
Music schools (short term)	

Specifications

Physical	Cabinet: Shockproof acrylic Measurements: 256 x 205 x 46mm Weight: 1.5kg
Electrical	Power supply: 24VDC, 250mA Warning: The use of power sources other than the original SoundEar may cause damage not covered by warranty.
Temperature	Operating: 0°C to 50°C Storage: -20°C to 60°C
Measurement Parameters	Frequency: 20Hz to 16kHz Range: 45 to 115 dB(A) Frequency Weighting: A Time Weighting: Slow Deviation: ± 3 dB



The product and any enhancements should be taken to separate collection at the end of life. Do not dispose of this product as unsorted municipal waste.

Contacting NoiseMeters

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