

## 3M Occupational Health and Environmental Safety Division

### 3M™ Noise Indicator NI-100



# Easy, Durable Noise Level Detection

#### **NEW! 3M™ Noise Indicator NI-100**

The 3M Noise Indicator alerts users to potentially dangerous noise levels, helping identify areas where hearing protection may need to be worn. Users simply clip the Noise Indicator to a shirt or jacket; its LED light delivers a clear indication when noise levels exceed a potentially hazardous threshold.

**Red Flashing LED:** Noise levels are above 85 dBA – hearing protection may be required.

**Green Flashing LED:** Noise levels are below 85 dBA – hearing protection may not be necessary.

The Noise Indicator's small size and lightweight design make it ideal for workers in a variety of industries. With a rechargeable battery that operates for up to 200 hours between charges, it's an economical investment in your employee hearing awareness program.

The NI-100 can be used as an effective training tool within a Hearing Conservation Program (consult OSHA Standard 1910.95) to help ensure workers know when and where to wear hearing protection. Industrial Hygienists can also use it as a mapping tool to determine where noise studies are necessary.



# Increasing noise level awareness and hearing protection use

Now you can help protect your workers' hearing by reminding them when to wear hearing protection. Many companies face challenges when it comes to educating their employees on hearing protection because:

- different areas of the workplace present different levels of hearing risk
- many workers prefer to not wear hearing protection when it is not absolutely necessary
- training employees and enforcing policies on when to wear hearing protection is an ongoing task for Safety Directors

In a variable noise environment, the 3M Noise Indicator can help train workers as to when noise levels become potentially hazardous and hearing protection may be required. It is one of the most affordable options available for monitoring noise levels, with a durable, easy to use design.



Actual size

## Specifications:

<b>Size:</b>	2 in (L) x 1.4 in (W) x 0.5 in (D) / 5.1 cm (L) x 3.6 cm (W) x 1.3 cm (D)
<b>Weight:</b>	0.6 oz (17 g)
<b>Temp. Operating/Storage:</b>	14 to 122°F / -10 to 50°C
<b>Humidity Range:</b>	0 to 95%; non-condensing
<b>Accuracy:</b>	3 dB
<b>Alert Level:</b>	Flashes red when >85 dBA / Flashes green when <85 dBA
<b>Battery Type:</b>	Li-Poly (flat cell)* with approx. 200 hours of operating before recharging
<b>Battery Life:</b>	Approximately two years of charging cycles
<b>Charging:</b>	A mini-USB cable (sold separately) plugs into bottom port of device
<b>Auto-Power Off:</b>	The device will power off after approximately 10 hours

*\*Not certified intrinsically safe*

## 3M Noise Indicator Operation:

To turn on, press and hold button until double green/red light flashes.

- **Flashing Green** indicates noise level is below 85 dBA.
- **Flashing Red** indicates noise level is above 85 dBA and hearing protection may be needed.

*NOTE: If not manually powered off, the Noise Indicator will automatically power off after approximately 10 hours.*

## Ordering:

**NI-100 Stock Number:** 70-0715-6394-7 / Case of 10 EA

**NI-CHG Stock Number:** 70-0715-6409-3 / Case of 10 EA

**IMPORTANT:** For appropriate use of hearing protection, consult your company's safety professional or applicable local safety standards.

For more information, please contact your local 3M Representative, or call 3M Technical Service at 1-800-243-4630.



## Occupational Health & Environmental Safety Division

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