

Where is it found?

Exposure to prolonged or excessive noise has been shown to cause a range of health problems ranging from stress, poor concentration, productivity losses in the workplace, and communication difficulties and fatigue from lack of sleep, to more serious issues such as cardiovascular disease, cognitive impairment, tinnitus and hearing loss.

Kunak NOISE N10 K-PB-SOUND-A-01

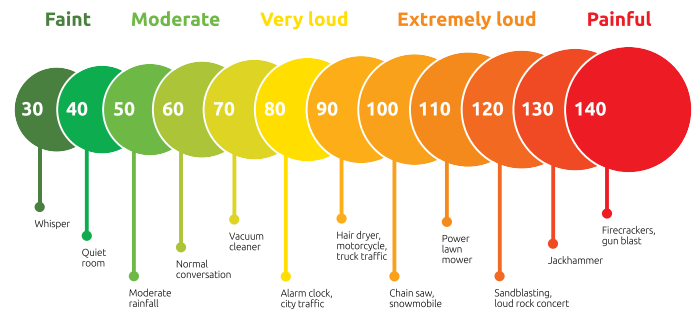
Complete system with a Type 2 sound level meter that captures data in real-time and sends it wirelessly to Kunak Cloud. It monitors the noise level in critical points of different areas, provides data 24/7 and allows the configuration of alerts.



- Selectable measurements: Lp, Leq, Ln.
- GPRS, RS232, Ethernet.
- IP67 External protection.
- Small, lightweight and easy to install.
- 191 x 296 x 168 mm.
- High accuracy.
- It can be a probe or autonomous.

Why is it harmful?

Noise pollution, like other pollutants, is also a product of industrialization, urbanizations and modern civilization. We can differentiate two main sources: industrial and non-industrial. The industrial source includes the noise from industries and big machines working at a very high speed and high noise intensity. Non-industrial source of noise includes the noise created by vehicles, traffic, aircraft, railroads, construction, noise in buildings, and other consumer products.



Technical characteristics

Type	Unit	Meas. range ⁽¹⁾	Frequency range	Resolution ⁽²⁾	Temp. range ⁽³⁾	RH range ⁽⁴⁾
Omnidirectional mic	dB(A)	35 - 130 dB(A)	20 - 12,500 Hz	0.1 dB	-10 to 50 °C	1 to 95 %RH

Proven performance

LOD ⁽¹¹⁾	Typical accuracy ⁽¹⁵⁾	Typical 90% confidence interval ⁽¹⁶⁾	R ² typical precision ⁽¹⁷⁾
-	± 1 dB (A)	3 dB (A)	> 0.9