



Help hearing aid users hear better

Do you need to comply with legislative standards or wish to help people with a hearing disability communicate from a lift cabin in the case of an emergency? The 2N® Induction Loop, an induction loop with an amplifier, which transfers sound wirelessly from a lift communicator or other audio source to the hearing aid of a disabled person, may be the right solution. You can help hearing aid users hear and perceive sounds far better by connecting the indication loop to a sound source. This facilitates communication via a lift communicator for example with the emergency service. Moreover, by installing 2N® Induction Loop in a lift you comply fully with the valid European Union standards EN 81-70.

The induction loop is marked with an internationally accepted graphic symbol and consists of a built-in amplifier and an integrated antenna. It is capable of covering a lift area of approximately 2 m², which corresponds to the size of most lift cabins. Furthermore, an external antenna located, for example, in the ceiling of the lift can be connected to the induction loop. 2N® Induction Loop therefore offers a compact, all-in-one solution. This makes it a convenient addition not only to emergency lift communicators from 2N, but also to communicators of other manufacturers.

Why choose the Induction Loop for Lifts?

- Option of connecting to any emergency communicator
- Coverage of lift space approx. 2 m²
- Wireless transfer of audio from lift communicator to hearing aid
- Complies with requirements of EN 81-70
- Integrated amplifier
- Built-in antenna, including option of connecting an external antenna
- International graphic marking

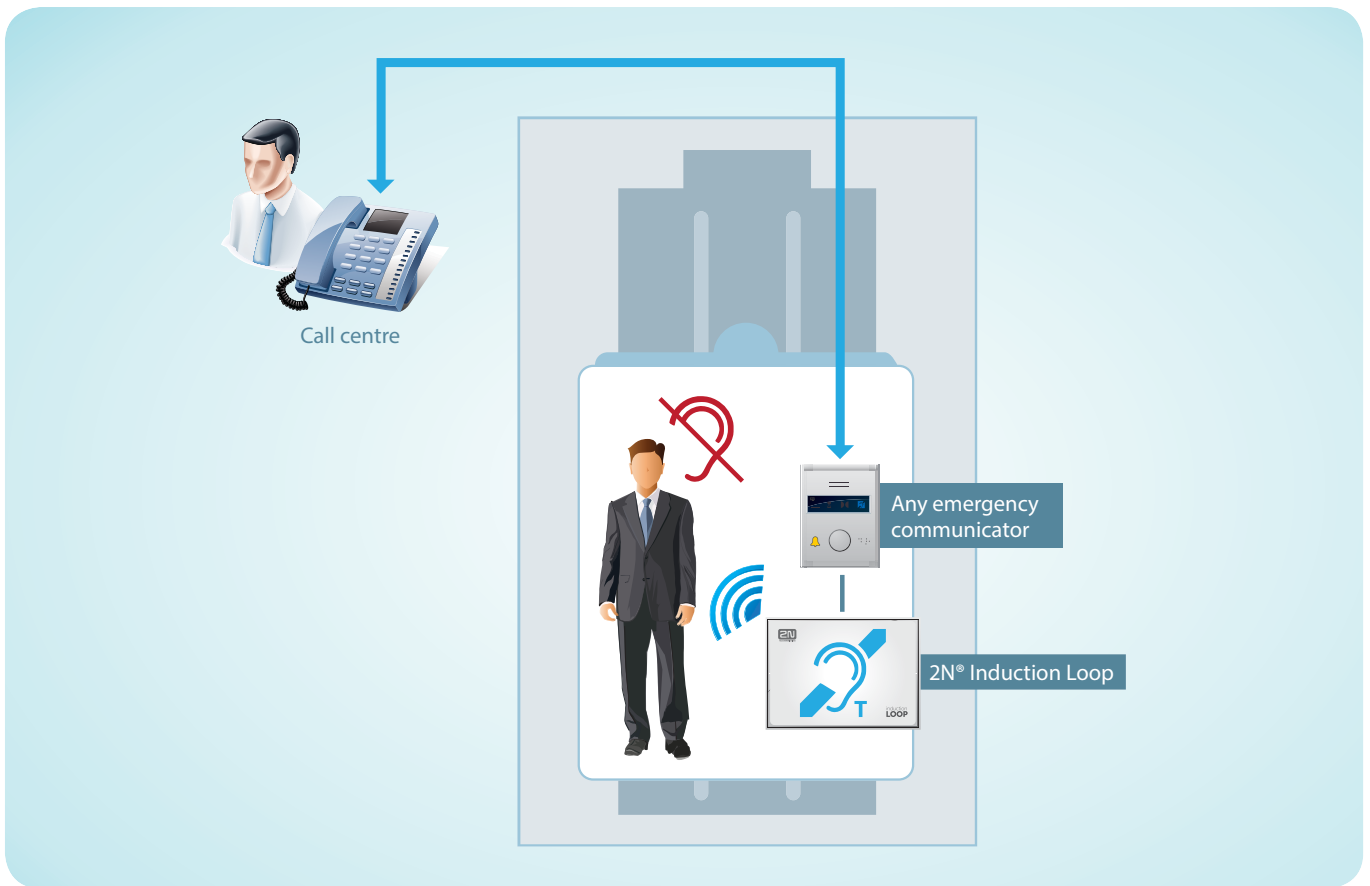
Intended for:

- System Integrator
- Companies installing lifts
- Companies servicing lift equipment
- Call centres for lifts

Use:

- Office buildings
- Residential buildings
- Shopping centres

Example of connection



Technical Parameters

Power

Power voltage	8 - 18VDC
Power current in case of 12 V power supply:	
load 1 Ω full power	1.4 A, sinus signal; 1 A, pink noise signal
load 8 Ω half power	550 mA, sinus signal; 400 mA, pink noise signal
no signal	100 mA
standby	max 10 mA
Switch to standby without signal	10 s
Basic input level	100 mV - 6 Vef
Increased input level	1 V - 35 Vef
Input impedance	2 kΩ parallel with 0.3 H

Output current, load 1 Ω:

	2.2 Aef (sinus)
full power	1.6 Aef (pink noise)

Output current, load 8 Ω:

	730 mAef signal sinus
half power	520 mAef pink noise signal

Mechanical properties

Resistance of output to shorting	unlimited period
Frequency characteristics	100 Hz - 5KHz ±3 dB
Temperature range	-20 - +50 °C
Cover level	IP65
Dimensions	144 x 100 x 31 mm
Weight	0.3 kg

