



An Axis company

Induction Loop for lifts

Emergency communication from lifts for people with hearing disabilities



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

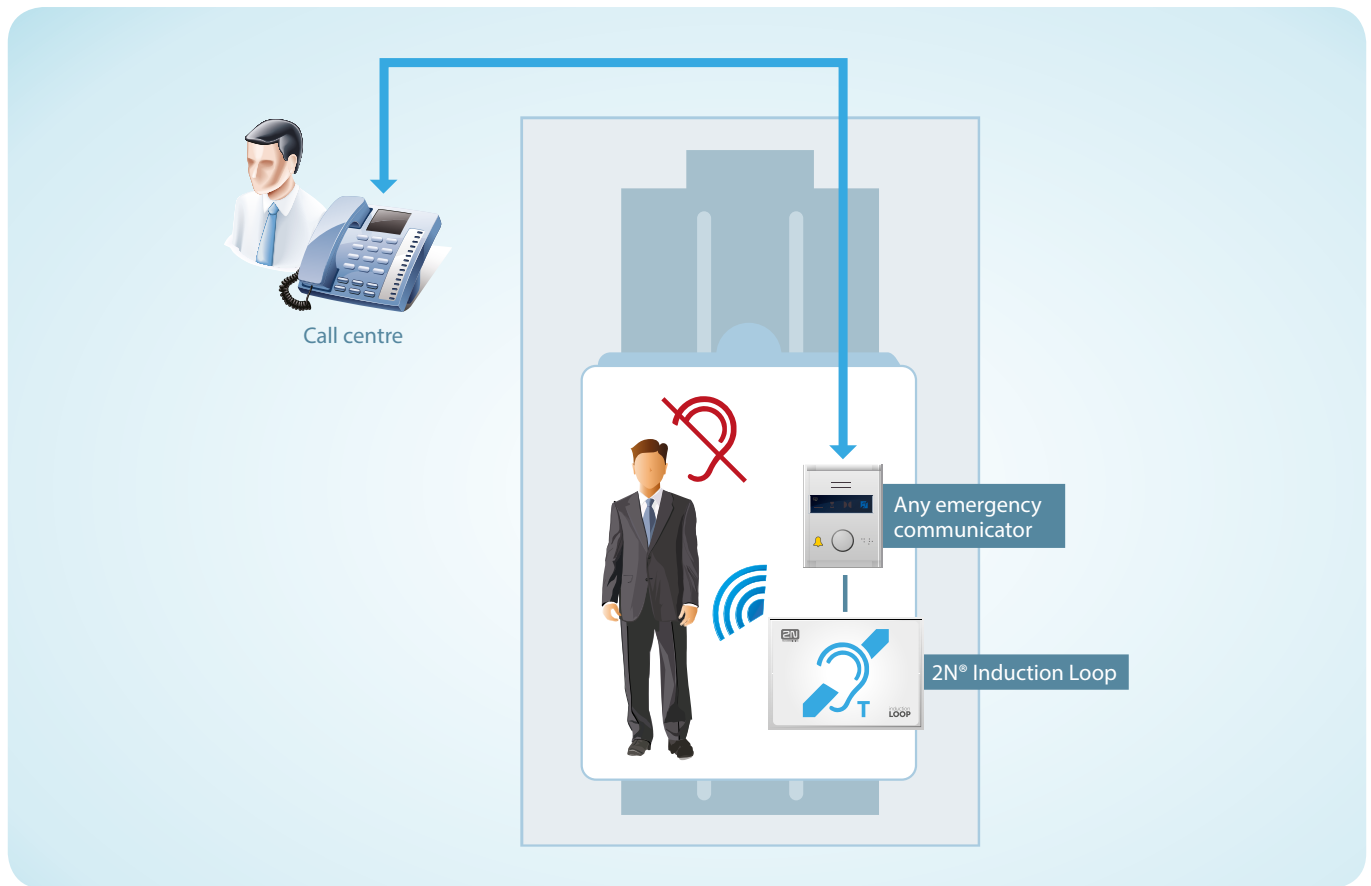
Intended for:

- 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

