

Induction Loop for lifts

Emergency communication from liftsfor 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.

Option of connecting to any emergency communicator

- Coverage of lift space approx. 2 m²
- Wireless transfer of audio from lift communicator to hearing aid

Why choose the Induction Loop for Lifts?

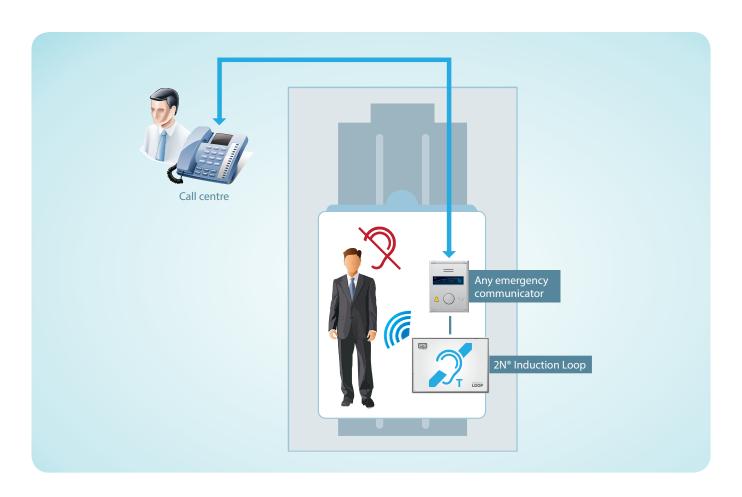
- Complies with requirements of EN 81-70
- Integrated amplifier
- Built-in antenna, including option of connecting an external antenna
- International graphic marking

Intended for:

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



- Office buildings
- Residential buildings
- Shopping centres



Technical Parameters

Power		Output cur
Power voltage	8 - 18VDC	
		full power
Power current in case of 1	.2 V power supply:	
load 1 Ω full power	1.4 A, sinus signal; 1 A, pink noise signal	Output cur
load 8 Ω half power	550 mA, sinus signal; 400 mA,	
	pink noise signal	half power
no signal		
standby	max 10 mA	Mecha
		Resistance
Switch to standby without signal 10 s		Frequency
Basic input level	100 mV – 6 Vef	Temperatui
Increased input level	1 V – 35 Vef	Cover level
Input impedance	$2 \mathrm{k}\Omega$ parallel with 0.3 H	Dimensions

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
Machanical proportion	
Mechanical properties	
Mechanical properties Resistance of output to shortin	
Resistance of output to shorting	
Resistance of output to shorting	g unlimited period
Resistance of output to shortin Frequency characteristics	g unlimited period 100 Hz – 5KHz ±3 dB
Resistance of output to shortin Frequency characteristics Temperature range	g unlimited period 100 Hz – 5KHz ±3 dB -20 - +50 °C
Resistance of output to shortin Frequency characteristics Temperature range Cover level	g unlimited period 100 Hz – 5KHz ±3 dB -20 - +50 °C IP65



