An Axis company

2N® Induction Loop

2N® Induction Loop wirelessly transmits sound from the 2N IP intercom to the affected person's hearing aid. A hearing impaired visitor to the building thus gets the benefit of voice communication. By installing the induction loop at the door you meet not only the necessary standards, but facilitate the hearing aid wearer's communication e.g. with the reception desk.

Administration public buildings
Educational establishments
Business centres
Schools
Hospitals
Office buildings

Audio transmission to hearing aids

Communicate with hearing impaired persons. The induction loop transmits sound to all standard hearing aids in accordance with the IEC 60118-4 standard.

Simple connection to the 2N IP intercom

Connect any 2N IP intercom to the induction loop. Thanks to the special-purpose connector, you won't have to configure anything.

Built-in antenna

The induction loop has a built-in antenna, which covers the area in front of it with a signal for listening devices.

2N® Induction Loop

FEATURES & BENEFITS

Suitable for outdoor use
With its IP65 standard compliance, the inductive loop is weather-resistant and therefore suitable for outdoor use.

External antenna
If you need to increase the reach of the signal, you can easily connect an external antenna to the device.

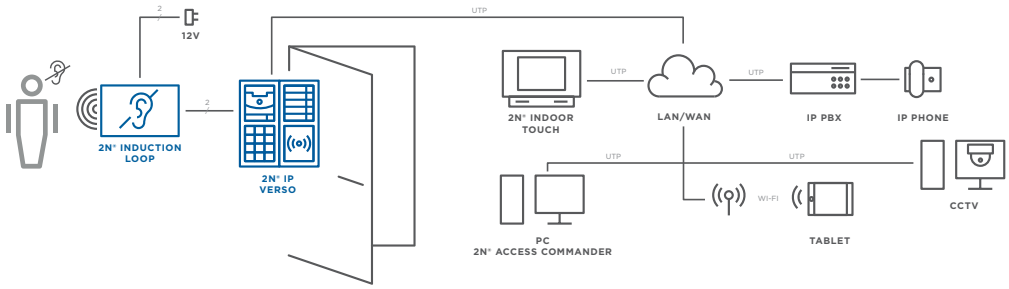
Standby mode
When there is no audio signal the inductive loop automatically switches to energy-saving mode.

Easy fitting
The 2N® Induction Loop easily mounts to the wall with 2 screws. You then connect one cable to the signal source and the other to the power feed.

Arbitrary audio input
With the induction loop, you can make use of any signal source, e.g.. IP intercoms, lift communicators, etc.

Adjustable volume
The induction loop output volume level can be adjusted to suit where you install it.

DIAGRAM



TECHNICAL PARAMETERS

Power supply

Power-supply voltage	time-unlimited
8-18 VDC	
Supply current for 12 V power supply 1 Ω load on full power: 1.4 A	
sinusoid signal; 1 A pink noise signal 8 Ω load, half power: 550 mA,	
sinusoidal signal; 400 mA pink noise signal without signal: 100 mA	
standby: max 10 mA	
100 Hz – 5 kHz ±3 dB	
Transition to standby	10 s
without signal	
Input level baseline	100 mV – 6 Vef
Input level elevated	1 V – 35 Vef
Impedance at source	2 kΩ parallel with 0.3 H
Output current, 1 Ω load	2.2 Aef (sinusoidal)
full power	1.6 Aef (pink noise)
Output current, 8 Ω load	730 mAef sinusoidal signalhalf power: 520 mAef pink noise signal

Mechanical properties

Output short-circuit resistance	time-unlimited
Frequency response	100 Hz – 5 kHz ±3 dB
Temperature range	-20 – +50°C
Ingress Protection	IP65
Dimensions	144×100×31 mm
Weight	0.3 kg