



Help hearing aid users hear more clearly

Do you need to comply with legal regulations or do you want to help those with hearing difficulties better understand the voices they hear from the microphone of their hearing aid? One solution could be the 2N[®] Induction Loop, an electric device that wirelessly transmits sound from a 2N Helios IP intercom or other audio source to the hearing aid. After connecting the induction loop to an audio source, you will enable hearing aid users to hear and perceive sounds far more clearly and allow them to communicate with reception, for example, over the intercom.

The practical 2N[®] Induction Loop is marked with the internationally recognised graphic symbol and consists of an induction loop amplifier and built-in antenna. We offer the induction loop in two versions; both allow easy wall mounting. The first version has a special connector and is ready for use with 2N IP intercoms to resolve door communication for people with a hearing disability. The second version is generally usable with any device emitting an audio signal (for example, lift communicator, speaker etc.).

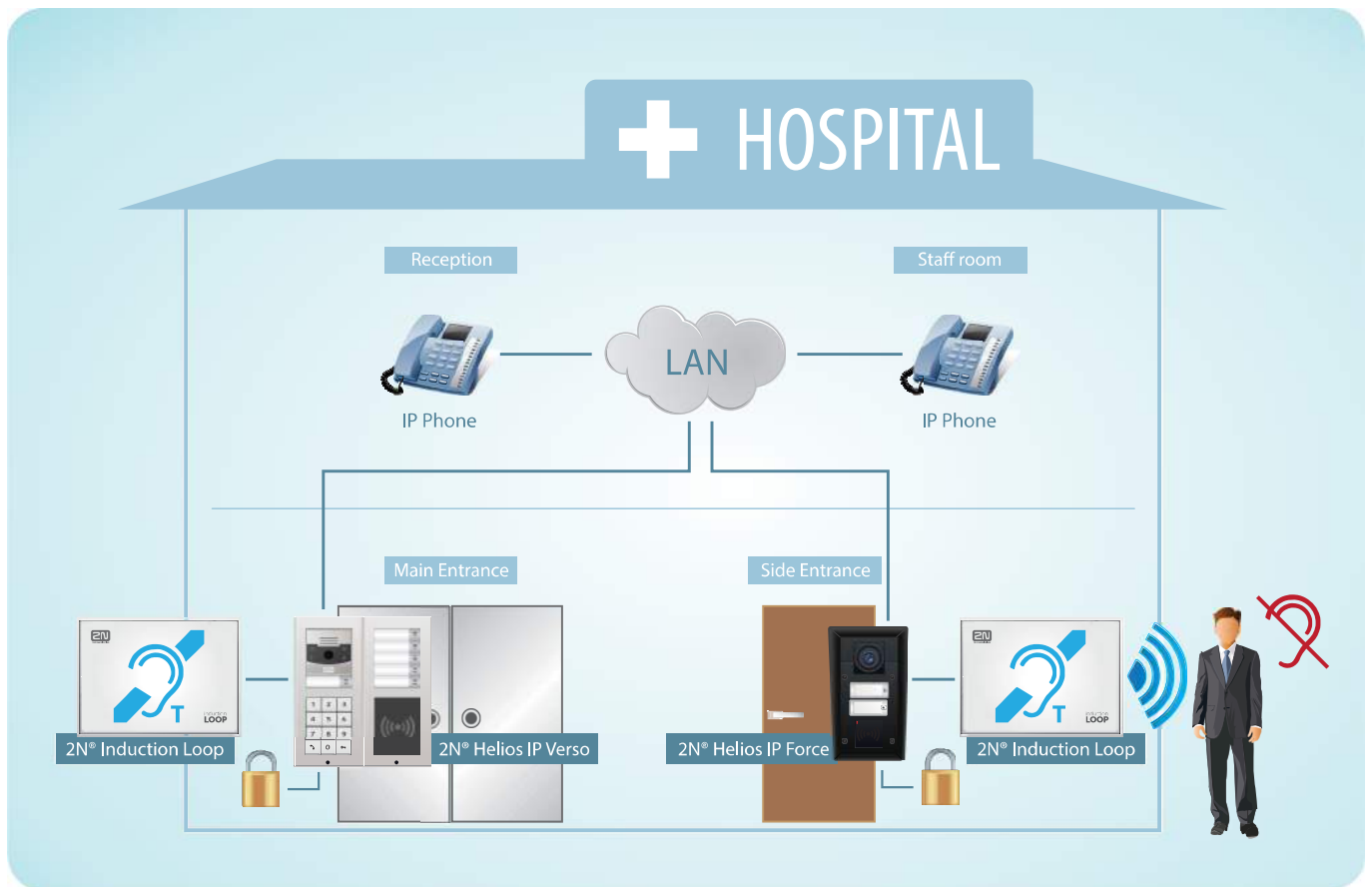
Use:

- Public administration buildings
- Educational institutions
- Shopping centres
- Schools
- Hospitals
- Office buildings

Why choose the 2N[®] Induction Loop?

- Wireless audio transmission from intercom to hearing aid
- Special connector for connection to 2N IP intercoms
- Ability to connect to any audio source
- Easy wall mounting
- Built-in amplifier
- Built-in antenna, including ability to connect an external antenna
- International graphic symbol

Basic interconnection



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

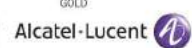
Dimensions 144 x 100 x 31 mm

Weight 0.3 kg

2N[®] Helios IP Family:



The 2N[®] Helios IP family is a wide range of door intercoms for every situation - whether in security, business, emergency, or any other special area. From providing simple applications requiring a clear and easy connection to a single IP telephone, to comprehensive communication arrangements integrated into security and signalling systems and IP PBXs. Having the highest quality and certification, 2N ensures compatibility with industry-standard-based IP network solutions such as Avaya, Cisco, and others.



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