

Loop Induction System for Lifts

Clearer communications for hearing aid users



Features & Benefits

- Guaranteed easy install
- Simple all in one design
- Compact size
- Battery backup as standard
- Minimum 3 hours battery backup
- Works with any autodialler or voice device in lift cars
- Clear communications
- Reduces background noise significantly
- Unique built-in loop which can provide full car coverage
- Complies with EN61000-6-1 2001, EN60950:2000, EN61000-3-2:2000, EN61000-3-3:1995, A1:2000

Loop Induction System for Lifts

The Loop Induction System for lifts has been specifically designed to help hearing aid users pick up the sounds within the lift car. The system works with any manufacture of voice announcement lift products.

Due to the noisy conditions of a lift car it can be difficult for a hearing aid to pick up the sounds and amplify these in the correct way.

In these situations a hearing aid user has an option to switch their hearing aid to a 'T' position. This allows the hearing aid to pick up sound from any magnetic field which can then be converted to normal sounds i.e. announcements and conversations.

Our Loop Induction System has been designed to provide the required magnetic fields for lifts and is easy to install with its compact design.

Unit can be purchased as supply only or supplied and installed.

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Technical details

Dimensions	135mm/105mm
Inputs(2)	Internal electret microphone Suitable line level/second microphone
Microphone	Sensitivity 66dBm to -2dBm Bandwidth 50Hz to 20kHz
Overall Performance	Bandwidth at any output level 50Hz to 15kHz \pm 3dB around 1kHz reference Distortion: <0.5% THD @1kHz Dynamic range: > 90dB Noise: <-86dB CMRR: >84dB Coverage (internal loop) 1.5m radius
Power Input Power Output Current	12V DC at 3Amax 0.8 A _{RMS} @1KHz 3.0 A _{peak}
Accessories	Extension microphone Extension loop for larger area coverage
Quality	Tested to and conforms with BS7594 and BS6083 part 4, EN60118-4 Power consumption: Standby (no sound close to mic) 25mA(0.04W) Maximum in use 1.5A (9W)
Approvals	EN61000-6-1 2001,EN60950: 2000 EN61000-3-2: 2000,EN61000-3-3 1995, A1: 2000 EN60950: 2000,EN50081-1: 1992
Model Number	YSEL