



contacta ■

Mini InfoLoop™

Technical Specifications of all InfoLoop™ components. See Over

Description

Contacta Mini InfoLoop™ induction loop systems provide assistance for clear communication with hearing aid wearers at counters, booths, desks and similar locations. All Mini InfoLoop™ systems comprise of four modules:

- Microphone
- Aerial
- Amplifier
- Power Supply Unit

Sound is picked up through the microphone, converted into magnetic impulses by the amplifier and transmitted via the loop aerial. This magnetic signal is, in turn, picked up by the telecoil within hearing aids, and converted back to speech.

Applications

Mini InfoLoop™ systems may be configured for one-to-one conversation or cross-table discussion involving several participants. The positioning of the aerial controls the extent of the electro-magnetic field.

Components

- **K008 Mini InfoLoop™ System**
- A10-GREY Induction Loop Amplifier
- P41/2 Power Supply Unit
- M70 Microphone
- E95-GREY Induction Loop Aerial
- E97 Induction Loop Sign

Different types of microphone and aerial are also available to meet the precise acoustic and physical needs of each location.

Operation

Each Mini InfoLoop™ system is controlled and powered individually and operates on a stand-alone basis. Settings on the amplifier can be adjusted to suit the environment. The hearing aid user can adjust volume, if necessary, in the hearing aid.

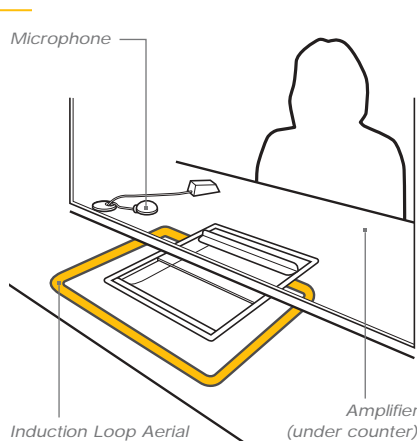


Fig. 1 Typical counter configuration

Supply

Mini InfoLoop™ is available direct from Contacta Limited, either as a complete system or as individual modules.

Technical support

Contacta offers comprehensive technical support for all its systems, including:

- Advice via telephone helpline, fax or email
- On-site visit by a Contacta Field Service Engineer
- Detailed installation and service manuals supplied with every system

Customers have access to continuous help and support, technical or administrative, through the Contacta Helpline.

Contacta Sales

Telephone **0845 3312072**
 Email contactasales@contacta.co.uk

Contacta Helpline

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Component specifications

K008 Mini InfoLoop™ System

Components (excluding amplifier) are supplied with terminals fitted, ready for connection to the appropriate socket at the back of the amplifier.

Different types of microphone and aerial are also available to meet the precise acoustic and physical needs of each location.

Amplifier

A10-GREY Induction Loop Amplifier

- Provides constant current drive to the aerial
- Field strength is adjusted via a pre-set control through an aperture in the case

Physical Data

Height 50mm
Width 110mm
Depth 90mm
Weight 320 grams

Electrical Data

Supply voltage
12vDC (unregulated)
Operating current
400mA (1 amp boost)
Matching impedance
>10k ohms
Frequency response
50-5000Hz ± 3dB
Field strength (loop)
Conforms to IEC 60118-4 (BS 6803: Part 4: 1981) Average -20dB, max -8dB ref. to 1A/m

Power supply

P41/2 Power Supply Unit

- Connects via plug to any convenient mains outlet for 12v DC supply

Physical Data

Height 60mm
Width 50.5mm
Depth 46.5mm
Weight 440 grams

Electrical Data

Output voltage
12vDC (unregulated)

Microphone

M70 Microphone

- For surface mounting on counter or desk
- Supplied with 3 metre lead for connection to system amplifier
- Available as standard in Grey or Black. Other finishes to special order at additional cost

Physical Data

Length 40mm (overall)
Weight 75 grams

Electrical Data

Type
Pre-Polarised Condenser
Impedance
1.8k ohms
Sensitivity
-68dB ± 3dB @ 1kHz
Frequency response
50Hz - 18Hz
Power
1.5 - 9 Volts max.

Aerial

E95-GREY Copper Wire Induction Loop Aerial

- Compact, multi-turn copper wire aerial sheathed in PVC
- Transmits magnetic field to enable the hearing aid telecoil to receive the signal from the amplifier

Data

Size
460mm x 610mm
Fixing method
P clips
Connection
2-way screw terminal plug (fitted)

InfoLoop sign

E97 Induction Loop Sign Contacta InfoLoop™ self adhesive 'T' position sticker

- Affix to any clean dry surface to indicate the presence of the induction loop system to customers

Other Contacta InfoLoop™ systems

Contacta offers reliable and cost effective systems for all situations:

- Portable InfoLoop™**
Handy desktop unit for maximum flexibility
- Clipboard InfoLoop™**
The "go anywhere" solution for interviews, home visits and restaurants
- Maxi InfoLoop™**
A permanent system to suit any area, from rooms to auditoria

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