



PL1/K1 Portable Hearing Loop Kit with Storage Shelf (1.2m²)



Hearing loop systems allow hearing impaired people to hear more clearly. Most hearing aids have a 'T' or 'MT' switch which allows them to pick up the electromagnetic field generated by a hearing loop system. The hearing aid converts this signal into a sound suited to its user's specific hearing requirements.

Any person with a hearing aid positioned within or near the loop can hear the loop signal by switching their hearing aid to the correct position, allowing them to participate more effectively in general conversation, ordering goods or services, listening to public performances, etc.

The PL1/K1 is ideal for restricted person to person contact in areas such as banks, post offices, small meeting rooms, reception desks, open plan offices and ticket booths. The unit's portable, lightweight design means the system can be moved easily from location to location.

Key Features:

- Simple one button operation.
- Integral high-performance microphone.
- Excellent sound quality.
- Five years' expected battery life under normal operating/charging conditions.
- Auto shut-off facility (user selectable for 10, 30 or 60 minutes) helps preserve battery life.
- Connection of the plug-top charger overrides the timer function to ensure the unit remains operational at all times.
- Unit can be used as normal whilst charging.

Technical Specification:

- Type - Portable
- Coverage - 1.2m² approx.
- Dimensions - W 271 x H 200 x D 77mm (amplifier only); 2.82kg
- Inputs 2 x Mic (one built-in mic. and one 3.5mm remote mic. socket for AMT or AMD mics)
- Indicators - Power on; input level; charging required; charging in progress, audio warning of imminent shutdown
- Controls - On/off button; adjust auto-shut off timer

VL1/B1 Vehicle Hearing Loop Kit with Cigarette Lighter Power Connector (1.2m²)



Vehicle hearing loop system kit ideal for cars, taxis, buses and other private / commercial vehicles. Kit includes a compact mini-induction loop amplifier with keyholes for dashboard mounting, a cigarette lighter power adaptor, an AMT microphone, a pre-formed loop and an 'AFILS fitted' sticker

Key Features:

- Amplifier operates at 12V d.c. (24V vehicle kit also available, order code VL1/B2)
- Loop can be positioned in the vehicle's roof lining, under a seat, across the back of a seat or in a door panel to suit the application
- Metal compensation control helps combat the frequency response problems caused by metal 'absorbing' the magnetic field

MK1/K Double Gang Counter Hearing Loop Kit (1.2m2)



Hearing loop systems allow hearing impaired people to hear more clearly. Most hearing aids have a 'T' or 'MT' switch which allows them to pick up the electromagnetic field generated by a hearing loop system. The hearing aid converts this signal into a sound suited to its user's specific hearing requirements.

Any person with a hearing aid positioned within or near the loop can hear the loop signal by switching their hearing aid to the correct position, allowing them to participate more effectively in general conversation, ordering goods or services, listening to public performances, etc.

The 1.2m2 double gang fixed counter induction loop system is ideal for banks, post offices, small meeting rooms, reception desks, ticket booths and any other application requiring restricted or small area coverage.

Key Features:

- Requires no specialist audio experience or connectors - can be fitted by any competent electrician.
- Space-saving double-gang wall-mounting amplifier fits standard UK 25mm back boxes (requires fixed mains wiring).
- Omni-directional AMT microphone (supplied) plugs directly into the 3.5mm socket on the amplifier's front.
- Line/outreach socket also provided (max 3 outreach plates per system).
- User-adjustable mic. sensitivity and engineer-adjustable loop drive and input level controls.

Technical Specification:

- **Induction Loop Type:** Wall mounting (requires fixed mains wiring and a 25mm back box)
- **Coverage:** 1.2m2 approx.
- **Dimensions:** W 143 x H 83 x D 32mm; 300g (amplifier only)
- **Inputs:** 1 x 3.5mm remote mic. socket; 1 x Line/Outreach socket (max. 3 Outreach plates per ML1)
- **Indicators:** Input level; power on; loop drive meter.
- **Controls:** Mic. input level, line input level; loop drive

PDA102C Free Standing Counter Hearing Loop Kit (1.2m²)



Hearing loop systems allow hearing impaired people to hear more clearly. Most hearing aids have a 'T' or 'MT' switch which allows them to pick up the electromagnetic field generated by a hearing loop system. The hearing aid converts this signal into a sound suited to its user's specific hearing requirements.

Any person with a hearing aid positioned within or near the loop can hear the loop signal by switching their hearing aid to the correct position, allowing them to participate more effectively in general conversation, ordering goods or services, listening to public performances, etc.

The PDA102C is ideal for banks, post offices, small meeting rooms, reception desks, ticket booths and any other application requiring restricted or small area coverage. Includes a 3.5mm microphone input (for use with the AMT microphone supplied) and a line/outreach socket.

Key Features:

- Adjustable drive control allows the amplifier's output stage to be set-up to suit the exact characteristics of any room.
- State-of-the-art audio processor features an automatic gain control which compensates for poor microphone techniques and helps suppress loud noises, hisses and clicks.
- Designed to be free-standing or wall-mounted using the keyholes provided.

Technical Specification:

- Coverage – 1.2m² approx.
- Mains supply – Plugtop mains lead supplied
- Auxiliary inputs – 1 x 3.5mm remote mic. Socket; 1 x line / outreach socket.
- Indicators – Input level; loop current; power on.
- Controls – combined input level; loop drive.
- Product dimensions (mm) – W136 x H56 x D178mm.
- Construction & finish – Black metal.
- IP Rating – IP20.
- Weight – 1.25Kg.
- Operating conditions / temperature – -5°C to +40°C. Max relative humidity: 95%.

PDA102L Small Room Hearing Loop Kit (50m2)



Hearing loop systems allow hearing impaired people to hear more clearly. Most hearing aids have a 'T' or 'MT' switch which allows them to pick up the electromagnetic field generated by a hearing loop system. The hearing aid converts this signal into a sound suited to its user's specific hearing requirements.

Any person with a hearing aid positioned within or near the loop can hear the loop signal by switching their hearing aid to the correct position, allowing them to participate more effectively in general conversation, ordering goods or services, listening to public performances, etc.

The PDA102L is ideal for use in small meeting rooms, council chambers, doctors' surgeries, etc. Includes a 3.5mm microphone input and line/outreach socket.

Key Features:

- Supplied with a PDA102 free-standing amplifier, AMT mic and, loop cable.
- Designed to be free-standing or wall-mounted using the keyholes provided.
- Adjustable drive control allows the amplifier's output stage to be set-up to suit the exact characteristics of any room.
- State-of-the-art audio processor features an automatic gain control which compensates for poor microphone techniques and helps suppress loud noises, hisses and clicks.

Technical Information:

- **Induction Loop Type:** Free-standing/wall mountable. Plugtop mains lead supplied.
- **Coverage:** 50m2 approx. (to EN60118-4) or 50m2 (to BS7594 1993)
- **Dimensions:** W 136 x H 56 x D 178mm (amplifier only); 1.25Kg
- **Inputs:** 1 x3.5mm remote mic. socket; 1 x Line/Outreach socket
- **Indicators:** Input level; loop current; power on
- **Controls:** Combined input level; loop drive
- **Kit Contains:** PDA102 amplifier; AMT tie/desk microphone; 16m loop cable; 'AFILS fitted' sticker

PDA102R Small Room Hearing Loop Kit for Suspended Ceilings (50m2)



Hearing loop systems allow hearing impaired people to hear more clearly. Most hearing aids have a 'T' or 'MT' switch which allows them to pick up the electromagnetic field generated by a hearing loop system. The hearing aid converts this signal into a sound suited to its user's specific hearing requirements.

Any person with a hearing aid positioned within or near the loop can hear the loop signal by switching their hearing aid to the correct position, allowing them to participate more effectively in general conversation, ordering goods or services, listening to public performances, etc.

The PDA102R is ideal for small room applications where equipment needs be mounted above suspended ceilings, etc. Supplied with a PDA102 free-standing amplifier, APM plated mic, 6m belden cable and loop cable.

Key Features:

- Designed to be free-standing or wall-mounted using the keyholes provided.
- Adjustable drive control allows the amplifier's output stage to be set-up to suit the exact characteristics of any room.
- State-of-the-art audio processor features an automatic gain control which compensates for poor microphone techniques and helps suppress loud noises, hisses and clicks.

Technical Specification:

- **Induction Loop Type:** Free-standing/wall mountable. Plugtop mains lead supplied.
- **Coverage:** 50m2 approx. (to EN60118-4) or 50m2 (to BS7594 1993)
- **Dimensions:** W 136 x H 56 x D 178mm (amplifier only); 1.25Kg
- **Inputs:** 1 x 3.5mm remote mic. socket; 1 x Line/Outreach socket
- **Indicators:** Input level; loop current; power on
- **Controls:** Combined input level; loop drive
- **PDA102R Kit Contains:** PDA102 amplifier; APM plated microphone; 16m loop cable; 'AFILS fitted' sticker

PDA102S TV Lounge Hearing Loop Kit (50m2)



Hearing loop systems allow hearing impaired people to hear more clearly. Most hearing aids have a 'T' or 'MT' switch which allows them to pick up the electromagnetic field generated by a hearing loop system. The hearing aid converts this signal into a sound suited to its user's specific hearing requirements.

Any person with a hearing aid positioned within or near the loop can hear the loop signal by switching their hearing aid to the correct position, allowing them to participate more effectively in general conversation, ordering goods or services, listening to public performances, etc.

The PDA102S is ideal for use in nursing home TV lounges. Supplied with a PDA102 free-standing amplifier, scart lead, APL plate and loop cable.

Key Features:

- Designed to be free-standing or wall-mounted using the keyholes provided.
- Adjustable drive control allows the amplifier's output stage to be set-up to suit the exact characteristics of any room.
- State-of-the-art audio processor features an automatic gain control which compensates for poor microphone techniques and helps suppress loud noises, hisses and clicks.

Technical Specification:

- **Induction Loop Type:** Free-standing/wall mountable. Plugtop mains lead supplied.
- **Coverage:** 50m2 approx. (to EN60118-4) or 50m2 (to BS7594 1993)
- **Dimensions:** W 136 x H 56 x D 178mm (amplifier only); 1.25Kg
- **Inputs:** 1 x 3.5mm remote mic. socket; 1 x Line/Outreach socket
- **Indicators:** Input level; loop current; power on
- **Controls:** Combined input level; loop drive
- **PDA102S kit contains:** PDA102 amplifier; APL dual phono outreach plate, APS Scart lead; 6m loop cable; 'AFILS fitted' sticker

PDA200/2 Professional Free Standing Hearing Loop Amplifier (200m2)



Hearing loop systems allow hearing impaired people to hear more clearly. Most hearing aids have a 'T' or 'MT' switch which allows them to pick up the electromagnetic field generated by a hearing loop system. The hearing aid converts this signal into a sound suited to its user's specific hearing requirements.

Any person with a hearing aid positioned within or near the loop can hear the loop signal by switching their hearing aid to the correct position, allowing them to participate more effectively in general conversation, ordering goods or services, listening to public performances, etc.

Ideal for applications where top-quality sound is a must - theatres, cinemas, churches, conference halls, etc. Includes two XLR 3-pin input sockets (one balanced mic. and one switchable balanced mic./line) and one outreach connector.

Key Features:

- Adjustable level controls for all inputs – can be used individually or together as a three-input mixer.
- Metal compensation control helps offset the frequency response problems associated with excessive metal in a building.
- Includes a true output current meter and provides visual indication of the amplifier's compressor action via two LEDs.
- 3.5mm headphone socket allows true monitoring of the output signal.
- Advanced audio signal processing with automatic gain control.

Technical Specification:

- **Induction Loop Type:** Free-standing (optional wall or 2U 19" rack mount kits available); plugtop IEC mains lead provided
- **Coverage:** 200m2 (PDA200/2); 500m2 (PDA500/2); 1000m2 (PDA1000/2)
- **Dimensions:** W 380 x H 80 (2U) x D 220mm; 3.74kg (PDA200/2), 3.46kg (PDA500/2); 4.54Kg (PDA1000/2)
- **Inputs:** 2 x XLR (one mic.; one mic/line) and one outreach connector
- **Indicators:** Loop drive meter; compression (high/low); power on
- **Controls:** 3 x input level controls, loop drive, metal compensation, on/off switch

PDA500/2 Professional Free Standing Hearing Loop Amplifier (500m2)



Hearing loop systems allow hearing impaired people to hear more clearly. Most hearing aids have a 'T' or 'MT' switch which allows them to pick up the electromagnetic field generated by a hearing loop system. The hearing aid converts this signal into a sound suited to its user's specific hearing requirements.

Any person with a hearing aid positioned within or near the loop can hear the loop signal by switching their hearing aid to the correct position, allowing them to participate more effectively in general conversation, ordering goods or services, listening to public performances, etc.

Ideal for applications where top-quality sound is a must - theatres, cinemas, churches, conference halls, etc. Includes two XLR 3-pin input sockets (one balanced mic. and one switchable balanced mic./line) and one outreach connector.

Key Features:

- Adjustable level controls for all inputs – can be used individually or together as a three-input mixer.
- Metal compensation control helps offset the frequency response problems associated with excessive metal in a building.
- Includes a true output current meter and provides visual indication of the amplifier's compressor action via two LEDs.
- 3.5mm headphone socket allows true monitoring of the output signal.
- Advanced audio signal processing with automatic gain control.

Technical Specification:

- **Induction Loop Type:** Free-standing (optional wall or 2U 19" rack mount kits available); plugtop IEC mains lead provided
- **Coverage:** 200m2 (PDA200/2); 500m2 (PDA500/2); 1000m2 (PDA1000/2)
- **Dimensions:** W 380 x H 80 (2U) x D 220mm; 3.74kg (PDA200/2), 3.46kg (PDA500/2); 4.54Kg (PDA1000/2)
- **Inputs:** 2 x XLR (one mic.; one mic/line) and one outreach connector
- **Indicators:** Loop drive meter; compression (high/low); power on
- **Controls:** 3 x input level controls, loop drive, metal compensation, on/off switch

APM Omni-directional Plated Microphone



The Outreach Plate audio input extension system comprises a range of wall, ceiling and desk mountable plates specifically designed to increase the audio input capability of any audio system. Covering the most common variants of audio connectors, they work by mixing the signals from various audio input sources into a single balanced line level input on a compatible amplifier. Each input plate features a built-in mixer, preamp, input level control and balanced output.

Typically, up to 10 Outreach plates (any mix) can be daisy-chained to one balanced line level connection with cable lengths up to 100m easily achievable using standard two-pair audio cable (i.e. Belden 8723). Each plate requires four wires; two balanced line (Line/A +, Line/A -), one ground (GND) and one power connection (V+ = 12-32V d.c.).

Most of C-TEC's PDA Range induction loop amplifiers are fitted with an Outreach connection socket as standard. For audio systems that do not have an Outreach socket, straightforward network connection can be achieved using an 'APV' 24V 250mA d.c. regulated power supply and an 'APXO' 3 pin XLR balanced line output plate.

Key Features:

- A self-contained omni-directional plated electret microphone complete with onboard mic to line level converter.
- Part of C-TEC's patented 'Outreach Plate' audio input extension system.
- Provides up to 25m² ambient coverage or 2.5m² direct speech coverage when located at a ceiling height of 2.5 to 3m.
- Compatible with C-TEC's entire range of PDA102, 200E, Pro-Range and ML1 induction loop amplifiers.
- Can be connected to any third-party audio or induction loop amplifier using an APV 24V 250mA power supply.
- Mounts on a 25mm standard UK single gang back box.

For more information on these products, please contact us:



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