

# PDA range

## induction loop systems

Over 10% of the population suffer from hearing impairment. Under the Disability Discrimination Act anyone offering goods, facilities or services to the general public must make 'reasonable' adjustments to ensure they do not discriminate against such people. The installation of an induction loop system is one adjustment some service providers can make to help comply with this requirement.



The PL1/K1  
Portable Loop  
System



The ML1/K  
Counter Loop  
System



The AKM1 Meeting  
Room System

- ▶ The UK's widest range of induction loop systems
- ▶ Systems work by transmitting amplified sound to hearing aids
- ▶ Available in a variety of cost-effective kit formats for ease of purchase and installation
- ▶ No audio experience required - PDA RANGE loop systems can be fitted by any competent electrician
- ▶ Ideal for hotels, leisure centres, nursing homes, shops and other private/public buildings
- ▶ Designed to meet or exceed the requirements of BS7594 and EN60118-4 when correctly installed
- ▶ Wide range of induction loop testing equipment also available including a new sine wave generator and a 2nd generation 400mA magnetic field strength meter



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PDA RANGE INDUCTION LOOP AMPLIFIERS

## INDUCTION LOOP HEARING SYSTEMS

Code

### C-TEC PDA RANGE AUDIO FREQUENCY INDUCTION LOOP SYSTEMS

- The widest range of audio frequency induction loop equipment in the UK.
- Can be used to help building managers and service providers comply with the Disability Discrimination Act, BS8300 and the Care Standards Act.
- Can be fitted by any competent electrician - no audio experience required.

For ease of specification and installation, many of our induction loop amplifiers are available in kit format. Please note, loop cable is included in all ML1/K, PDA102 and DL50/K kits. For 'AK' range kits cable we recommend you use our 1mm2 LOOP2/W. For other loop amplifiers, please contact us for advice. All amplifiers (and kits) are supplied with an 'induction loop in use' sticker.

#### Portable induction loop systems

- 623-0465 PL1/K1 Portable loop system (in a cardboard storage case) c/w 1m (sq) portable loop amplifier and plugtop charger
- 623-0524 PL1/K2 Portable loop system with AFILS tester (in a cardboard storage case) c/w amplifier, charger, loop listener/field strength meter and headphones
- 623-0543 PL1/K3 Portable loop system (in a plastic storage/carry case) c/w 1m (sq) portable loop amplifier and plugtop charger
- 623-0542 PL1/K4 Portable loop system with AFILS tester (in a plastic storage/carry case) c/w amplifier, charger, loop listener/field strength meter and headphones
- 623-0583 PL1/BATT Replacement battery for PL1 amplifier
- 623-0567 TEAR-P Spare self-adhesive "Induction Loop Available" sticker

#### 1.2m (sq) counter induction loop kits

- 623-0466 ML1/K Wall-mounting counter induction loop kit c/w 1.2m (sq) double gang loop amplifier, AMT microphone & TX2 counter loop
- 623-0379 PDA102C Free-standing counter induction loop kit c/w 1.2m (sq) loop amplifier, AMT microphone & TX121 counter loop

#### 1.2m (sq) vehicle induction loop kits

- 623-0718 VL1/B1 12V vehicle loop amp c/w 1.2m (sq) 12V, mini-loop amp, TX2 loop, AMT mic. & AL8 fused cigarette lighter adapter
- 623-0719 VL1/B2 24V vehicle loop amp c/w 1.2m (sq) 12V, mini-loop amp, TX2 loop, AMT mic. VL1PSU24 24V to 12V converter

#### Induction loop amplifiers & kits

##### 20m (sq) induction loop amplifier

- 623-0467 ML1 Mini 20m (sq) wall-mounting double gang induction loop amplifier

##### 50m (sq) small room induction loop kits

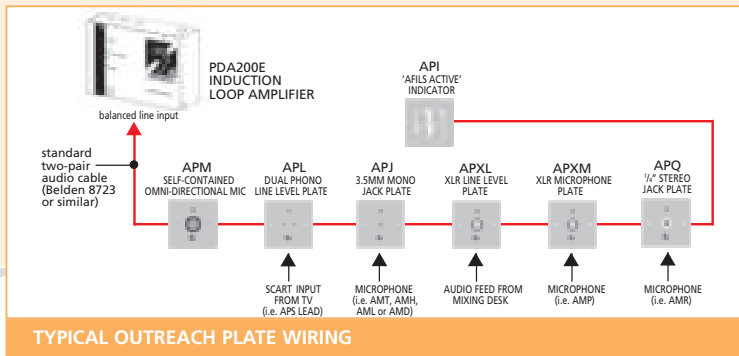
- 623-0433 DL50/K Domestic induction loop kit c/w 50m (SQ) free-standing loop amplifier, AMT microphone, SCART lead & loop cable
- 623-0378 PDA102L Small room induction loop kit (tie/desk mic. version) c/w 50m (sq) free-standing loop amplifier, AMT microphone & 30m loop cable
- 623-0582 PDA102R Small room induction loop kit (plated mic. version) c/w 50m (sq) free-standing loop amplifier, AMP plated microphone & 30m loop cable
- 623-0377 PDA102S TV lounge induction loop kit c/w 50m (sq) free-standing loop amplifier, APS scart lead, APL connection plate & 30m loop cable

##### 120m2 induction loop amplifiers & kits

- 620-0257 PDA200E 120m (sq) wall-mounting loop amplifier
- 623-0376 AKM1 Meeting/seminar room loop kit c/w 120m (sq) amplifier, APM omni-directional mic plate/cable
- 623-0375 AKL1 Lecture room induction loop kit c/w 120m (sq) amplifier, AMT tie/desk mic, AML lectern mic, 2 x APJ plate/cable
- 623-0468 AKT1 TV/music lounge induction loop kit c/w 120m (sq) amplifier, AMH handheld mic, APS scart lead, APJ plate/cable, APL plate/cable
- 623-0374 AKW1 Place of worship induction loop kit 1 c/w 120m (sq) amplifier, AML lectern mic, APJ plate/cable, APL plate/cable
- 623-0469 AKW2/L Place of worship loop kit 2 (lavalier mic. version) c/w 120m (sq) amplifier, plate/cable AMR/LA lavalier radio mic, APQM plate/cable, 2 x APXM
- 623-0568 AKW2/H Place of worship loop kit 2 (handheld mic. version) c/w 120m (sq) amplifier, AMR/HA handheld radio mic, APQM plate/cable, 2 x APXM plate/cable
- 623-0439 AKR1 Waiting room loop kit c/w 120m (sq) amplifier, APL plate/cable
- 623-0470 AKH1/L Health and fitness club loop kit (lavalier mic version) c/w 120m (sq) amplifier, plate/cable AMR/LA lavalier radio microphone, APQM plate/cable & APL
- 623-0584 AKH1/H Health and fitness club loop kit (handheld mic version) c/w 120m (sq) amplifier, AMR/HA handheld radio microphone, APQM plate/cable & APL plate/cable
- 623-0471 AKU1 Retail unit induction loop kit c/w 120m (sq) amplifier, AML lectern microphone & APJ plate/cable



INDUCTION LOOP TESTING EQUIPMENT



TYPICAL OUTREACH PLATE WIRING

## INDUCTION LOOP HEARING SYSTEMS (continued)

Code

### Professional induction loop amplifiers

- 623-0606 PDA200/2 200m (sq) free-standing professional induction loop amplifier
- 623-0605 PDA500/2 500m (sq) free-standing professional induction loop amplifier
- 623-0607 PDA1000/2 900m (sq) free-standing professional induction loop amplifier
- 623-0669 PDA/RM 19" rack mount kit for PDA Pro-Range amplifier
- 623-0686 PDA/WM Wall mount kit for PDA Pro-Range amplifier

### Outreach plate audio input extension system

Allows the connection of multiple microphone or line level inputs to a PDA Range amplifier via a range of specially designed single gang audio connector plates. A maximum of 10 plates (any mix) can be daisy-chained to the amplifier's 'Outreach' socket\* using standard two pair audio cable such as Belden 8723. \*DL50 amps do not have an outreach socket.

- 623-0446 APJ 3.5mm mono jack plate, for connection of AMT, AMH, AML or AMD microphones
- 623-0474 APL Line level audio plate, for connection of APS SCART lead or other line level audio feeds
- 623-0475 APQM 6.35mm stereo jack plate, for connection of AMR/L and AMR/H radio microphone kits
- 623-0570 APQL 6.35mm stereo jack plate, for connection of line level feeds from mixing desks, etc
- 623-0476 APXM XLR mic level plate, for connection of AMP microphone
- 623-0477 APXL XLR line level plate, for connection of mixing desk line level feeds
- 623-0412 APM Omni-directional plated microphone for wall/ceiling/desk mounting
- 623-0746 APXO 3 pin XLR balanced line output plate, connected an Outreach chain to 3rd party equipment
- 623-0478 API AFILS active indicator light
- 623-0479 APS SCART to double phono lead (for use with APL plate)
- 623-0572 BELDEN/25 25m Belden 8723 four core screened cable for outreach network

### Microphones

- 623-0412 APM Omni-directional plated microphone for wall/ceiling/desk mounting
- 623-0481 AMT Tie/desk microphone for direct connection to ML1, DL50, PDA102, PDA200E, PL1, PDA PRO-RANGE & APJ outreach plate
- 623-0482 AMH Handheld microphone for direct connection to ML1, DL50, PDA102, PDA200E PL1, PDA PRO-RANGE & APJ outreach plate
- 623-0483 AML Long-stemmed Lectern microphone for direct connection to ML1, DL50, PDA102, PDA200E, PL1, PDA PRO-RANGE & APJ outreach plate
- 623-0687 AMLS Short-stemmed Lectern microphone for direct connection to ML1, DL50, PDA102, PDA200E, PL1, PDA PRO-RANGE & APJ outreach plate
- 624-0028 AMD Long-stemmed Desktop microphone for direct connection to ML1, DL50, PDA102, PDA200E, PL1, PDA PRO-RANGE & APJ outreach plate
- 623-0688 AMDS Short-stemmed Desktop microphone for direct connection to ML1, DL50, PDA102, PDA200E, PL1, PDA PRO-RANGE & APJ outreach plate
- 623-0747 AMD/P Desktop microphone, push to talk
- 623-0484 AMP Professional handheld microphone for direct connection to PDA200E or APXM outreach plate (requires AXLR lead)
- 623-0410 AMR/LA Levalier radio microphone (173.8 KHz), with microphone, receiver, transmitter & psu. For direct connection to PDA200E or APQM outreach plate
- 623-0712 AMR/LB Levalier radio microphone (174.6 KHz), with microphone, receiver, transmitter & psu. For direct connection to PDA200E or APQM outreach plate
- 623-0569 AMR/HA Handheld radio microphone (173.8 KHz), with microphone, receiver, transmitter & psu. For direct connection to PDA200E or APQM outreach plate
- 623-0714 AMR/HB Handheld radio microphone (174.6 KHz), with microphone, receiver, transmitter & psu. For direct connection to PDA200E or APQM outreach plate
- 623-0689 PRO45 Hanging ambient microphone for PDA Pro-Range or APXM plate

### Induction loop testing equipment

B58300 (the code of practice for the design of buildings and their approaches to meet the needs of disabled people) states that all loop systems should conform to B57594 & EN60118-4. The best way to ensure compliance is to use a PDA Range pink noise generator and FoSmeter magnetic field strength meter.

- 623-0485 PNGN Pink noise generator (requires PP3 battery and AL1, 2 or 3 connection lead)
- 623-0486 AHHM FoSmeter magnetic field strength meter (requires PP3 battery)
- 623-0487 AMPN FoSmeter+ combined pink noise generator & magnetic field strength meter (requires PP3 battery and AL1, 2 or 3 connection lead)
- 623-0488 AHHM/H FoSmeter+ combined magnetic field strength meter & loop listener (requires PP3 battery and headphones)
- 623-0573 HEAD1 32 Ohm headphones for use with AHHM/H
- 623-0489 AL1 3.5mm jack to 3.5mm jack lead (connects PNGN to APJ plate)
- 623-0490 AL2 3.5mm jack to double phono lead (connects PNGN to APL plate)
- 623-0491 AL3 3.5mm jack to pre-cut end lead - for customer's own connection of PNGN to a compatible line level input

### Miscellaneous induction loop ancillaries

- 623-0492 FLAT2005 1.0mm (sq) copper tape (for under carpet loops) 100m
- 623-0493 FLAT3005 1.5mm (sq) copper tape (for under carpet loops) 100m
- 623-0494 TAPE White synthetic fibre tape (to protect flat loop cable) 50m
- 623-0577 LOOP2/W 100m reel of 1.0mm (sq) single core white loop cable
- 623-0448 APT Loop connector plate (for the termination of induction loop cable)
- 623-0495 AXLR XLR to XLR lead (used to connect AMP mic to APXM plate)
- 623-0574 LEST 100V line (i.e. PA system output) to 0db (77mv line level) converter
- 623-0716 APPS Overspill reduction phase shifter
- 623-0496 TEAR10 Pack of 10 self-adhesive 'induction loop in use' stickers