

PDA200E

WALL MOUNTING INDUCTION LOOP AMPLIFIER



- A new version of our popular PDA200E wall-mounting hearing loop amplifier.
- Supplied in a small, compact metal enclosure measuring just 228mm wide, 155mm high and 42mm deep - around half the size and weight of its predecessor.
- Now features a 100V line input (to accept feeds from PA/VA) systems and an energy efficient Class D digital output stage.
- Can drive a perimeter loop of up to 200m² (14m x 14m) in free space/areas with low metal content.
- Two balanced / unbalanced line level inputs
- One microphone input with 12V phantom power
- Outreach connector allows up to 10 of our audio input utility plates to be added.
- Automatic compressor-limiter maintains the loop signal for improved intelligibility.
- Each input has a separate internal tamper-resistant control that can be manually adjusted.
- Compression, output (Peak Current 3, 2, 1) and power on (Power) front panel indicators.
- Short circuit protection.
- Internal temperature safety cut-out to stop over heating.
- Wall-mounted metal enclosure for a permanent robust installation.
- Exceeds the requirements of PD IEC TR 63079 & EN60118-4 when correctly installed.
- Also available in a variety of 'AK' Range kits for use in meeting rooms, lecture theatres, places of worship, health and fitness suites, elevators and more.
- In areas over 5m wide with high metal content consider using a phased array loop system instead.

For ease of specification and installation the PDA200E is available on its own or in the following kits formats:-

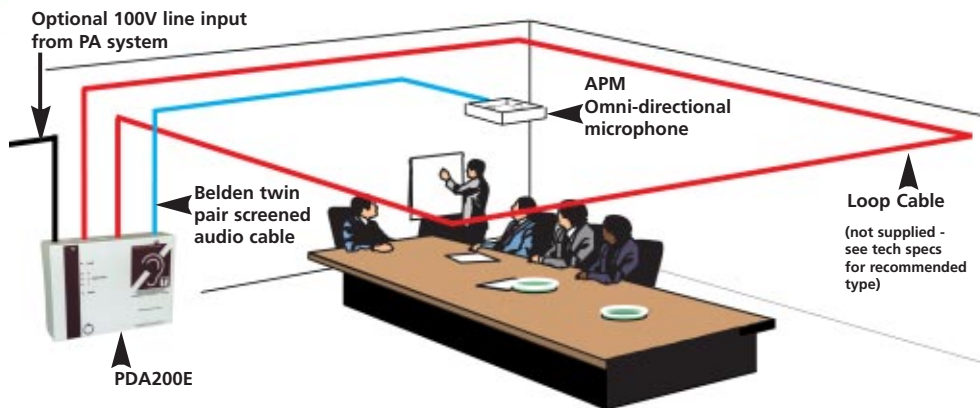


- ▶ AKM1 Meeting/seminar room kit
 - ▶ AKR1 Waiting room kit
 - ▶ AKT1 TV/Music lounge kit
 - AKW1▶Place of worship kit 1
 - ▶ AKW2 Place of worship kit 2
 - AKH1 Health and fitness club kit
 - AKL1 Lecture room kit
 - AKU1 Retail unit kit
- (the exact contents of each kit are listed overleaf)





A typical PDA200E meeting/seminar room installation using items supplied in our AKM1 kit



Specs	
Induction Loop Type:	Wall mounting, requires fixed mains wiring
Coverage:	200m ² approx.
Dimensions:	W 228 x H 155 x D 42mm (amplifier only); 1kg
Inputs:	1 x Microphone, 2 x Line/Outreach, 1 x 100V
Indicators:	Input level (Limit, High, Medium, Low); Power & Loop Fault.
Controls:	Metal Compensation, Input level, loop drive

Kit Variants	
AKM1 Meeting/Seminar Room Kit:	PDA200E amplifier; APM omni-directional plated mic.; 6m of Belden cable; 'Hearing loop fitted' sticker
AKM3 Professional Meeting/Seminar Room Kit:	PDA200E amplifier; PRO45 hanging ambient mic.; APXM outreach plate; 6m of Belden cable; 'Hearing loop fitted' sticker.
AKL1 Lecture Room Kit:	PDA200E amplifier; AMT tie/desk mic.; AML lectern mic.; 2 x APJ 3.5mm jack outreach plates; 2 x 6m of Belden cable; 'Hearing loop fitted' sticker.
AKL2 Professional Lecture Room Kit:	PDA200E amplifier; 2 x AMC cardioid ceiling microphones; 2 x APXM outreach plates; 2 x 6m of Belden cable; 'Hearing loop fitted' sticker.
AKW1 Place Of Worship Kit (Fixed Lectern Mic Version):	PDA200E amplifier; AML lectern mic.; APJ 3.5mm jack outreach plate; APL outreach plate; 'AFILS fitted' sticker.
AKW2/L Place Of Worship Kit (Lavalier Radio Mic Version):	PDA200E amplifier; AMR/LA lavalier radio mic; APL outreach plate, APXM outreach plate, APXL outreach plate; AL5 XLRM to XLRF balanced lead; 2 x 6m Belden cable; Hearing loop fitted' sticker.
AKW2/H Place Of Worship Kit (Handheld Radio Mic Version):	PDA200E amplifier; AMR/HA handheld radio mic; APL outreach plate, APXL outreach plate, AL5 XLRM to XLRF balanced lead; 2 x 6m Belden cable; Hearing loop fitted' sticker.
AKH1/L Health & Fitness Club Kt (Lavalier Mic. Version):	PDA200E amplifier; AMR/LA lavalier radio mic; APJ outreach plate, APXL outreach plate; AL5 XLRM to XLRF balanced lead; 'Hearing loop fitted' sticker.
AKH1/H Health & Fitness Club Kit (Handheld Radio Mic Version):	PDA200E amplifier; AMR/HA handheld radio mic; APJ outreach plate, APL outreach plate, AL13 6.35mm jack lead; AL6 3.5mm to 6.35mm converter plug; 2 x 6m of Belden cable; 'Hearing loop fitted' sticker.
AKM2 PDA200E/L Lift Loop Kit For Elevators:	PDA200E amplifier + an accessory pack containing items that facilitate the provision of an elevator loop system.

AK Range systems can be easily expanded to include additional outreach plates and microphones. See outreach plates and microphones for further details. AK kits do not include loop cable.