

500m2 free-standing phased-shifting hearing loop amplifier, 2 x 5A

Part No. **PDA7/DD**



Overview

A new free-standing 2 x 5A phase-array hearing loop amplifier ideal for use in areas up to 500m2.

Intuitive LED interface allows simple set-up of input levels, output current, phantom power and metal compensation

2 x XLR mic/line inputs (selectable) and 1 outreach connector

Anti-tamper lock function

Class D output stage for maximum efficiency.

Superior audio processing and powerful CPU provide life-like speech and first class music reproduction

Fault relay & LED indicators provide clear indication of operation and fault status

Industry leading dual action automatic gain control compensates for poor microphone technique

Line level output for recording or daisy-chaining multiple units to cover larger areas.

Technical Specifications

Type	Free-standing. Plugtop IEC mains lead supplied.
Coverage	500m2 approx.
Mains supply	Plugtop IEC mains lead supplied.
Output	2 x 5A loop drive current @ 1 Ohm; Loop output voltage 14V.
Max battery size and type	n/a.
Auxiliary inputs	2 x XLR mic/line inputs with switchable 12V phantom power (on or off); Outreach and Optical TOS Link connectors.
Indicators	VU Meter (shows the amplitude of the audio); HOT! (lit if the output stage is getting hot); FAULT1 / FAULT2 (lit if loop 1 or loop 2 has shut down because of overheating or excessive current; POWER (lit when the amplifier is receiving power).
Controls	Line Input, Microphone, 12V Phantom, Outreach, Metal Comp, Loop Drive 1, Loop Drive 2, Phase Shift.



Connections	Mic (3-pin XLR); Line In (3-pin XLR); Loop (4 way binding post); Outreach (4-way pluggable connector); Line Out (3-way pluggable connector); Fault Relay (3-way pluggable connector); Optical; 230Va.c. Mains.
Product dimensions (mm)	67 (H) x 218 (W) x 280 (D) mm.
Construction & finish	Mild steel zintec, 1mm thick, black powder coated
IP Rating	IP40.
Weight	2.38kg
Operating conditions/temperature	-5°C to +40°C. Max relative humidity: 95%.



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