

# PLA 240

## Small Room Loop Amplifier System



The PLA 240 is able to supply living quarters or small conference rooms up to approx. 540 sq. ft. (50 sq.m) with inductive audio signals via the loop connected. The system includes 120 ft. (37 m) induction loop wire. In addition to settings for basic volume and tone, the digitally controlled induction loop amplifier uses Automatic Gain Control to stabilise the volume for fluctuating input levels. The device is able to accommodate the connection of up to 5 audio sources. The desired source can be selected at the touch of a button. An included remote controls power, volume, tone and input selection.

### FEATURES

- Magnetic signal couples directly to hearing aids equipped with telecoils (T-coils)
- Headphone output for monitoring audio output
- Can be used with optional loop receivers
- Mic, line and digital inputs
- Automatic gain control
- Volume and tone controls
- Loop status light
- Compact and lightweight

### System Includes:

- PLA 240 Amplifier
- Power supply with Line Cord
- 1 x mic with 1.2 m of cable
- 122 ft. (37 m) of 18 ga standard wire (0.75 mm<sup>2</sup>) and Cable clips
- RCA Audio Input Cable
- Remote Control

# Small Room Loop Amplifier

## Rear View:



## Specifications:

<b>Dimensions:</b>	7" W x 1-5/8" H* x 6" D** (17.8 cm W x 2.86 cm H* x 15.24 cm D**) *Height without rubber feet. Rubber feet add 1/8" (0.32 cm) **Depth includes front controls and rear jacks
<b>Weight:</b>	Shipping weight (boxed with accessories): 4.3 lb ( kg) Unit (amplifier) weight: 1.6 lb ( kg)
<b>Color:</b>	Silver
<b>Power:</b>	Unit Input: 12-24 VDC, 2 A Power Supply Output: 18 V, 1.5 A
<b>Controls:</b>	Rotary Volume Control, Rotary Tone Control On/Off Power Switch Source Selector Switches Priority Switch
<b>Input Connections:</b>	Digital Audio TOSlink/Coaxial 2 x Microphone inputs. 3.5 mm mono jack plug. DC powered 5 V for Electret Microphones. 2 x Aux In Left/Right Line Inputs. Phono/RCA jacks. For direct connection to a TV sound output or other sound source.
<b>Output Connections:</b>	Push grip connectors for loop cable (labelled: "loop cable"). Loop will give full output with loop resistance between 0.5 and 1.5 ohms.
<b>Loop output:</b>	3.0 A output current @ 100 Hz - 5 KHz. Meets BS EN60118-4: 2006 for a loop not exceeding 6.5 m (20 ft) in width. Suitable for areas up to 540 sq. ft (50 m <sup>2</sup> ).
<b>Loop cable:</b>	Single turn loop cable. System supplied with 40 m (130 ft) of 24 ga/0.2 mm (0.75 mm <sup>2</sup> ) single core PVC insulated cable. Min cable length 36 ft (11 m) = 0.5 ohms.
<b>Indicators:</b>	Blue/Red LEDs
<b>Warranty:</b>	2 years

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