



Home Loop

Our "Home Loop" is a sleek and powerful hearing loop driver that connects to televisions and other audio devices.

It enables hearing aid wearers to listen wirelessly directly from the source, providing the best possible sound quality. Integrated clear audio processing gives the user outstanding sound quality, enhancing speech and music clarity.

Suitable for home and business use, in small rooms where a television or sound system is present.

Components

- The hearing loop driver
- A loop pad that has a loop aerial built into it
- Loop cable which gives you the option to loop the whole room
- Our boundary microphone which allows you to pick up additional sound sources
- 3.5mm auxilliary cable
- Optical cable
- Power supply

Standards

- FCC class "B" EMC (emissions)
- IEC 60118-4:2006 (in correct installations)
- BS EN 55103-1:2009 (EMC emissions)
- BS EN 55103-2:2009 (EMC immunity)

Applications

Suitable for use where a television or sound system is present such as:

- Waiting rooms
- Meeting rooms
- Classrooms
- Museum theatres

Features

- Quick setup & simple connection to a room loop, or a loop pad underneath a sofa or chair
- Optical IN for clearer sound less prone to interference
- Suitable for use with optical cable or RCA lead
- Adaptable to suit different room layouts
- DAC
- Connects to multiple devices
- Constant current for consistent audio performance
- Separate volume control
- HF compensation



Physical Data

Dimensions	Height – 30mm (1.18") Width – 158mm (6.22") Depth – 111mm (4.37")
Weight	1084g (2.39lbs)
Construction/ Finish	1.6mm Mild Steel Powder Coated Black

Technical Data

Inputs	Microphone	2 way phoenix screw terminal blocks unbalanced 3.3VDC for electret microphones
	Stereo IN	¼" / 3.5mm stereo jack, -20dBV to +3dBV
	Optical digital	33kHz, 44.1kHz, 48kHz, 88.2kHz, 96kHz PCM Audio
Loop output	Stereo OUT	3.5mm jack 0dbV
	Loop drive current	3A RMS compliance current at 1kHz sine wave
	Loop drive voltage	3.5V RMS compliance voltage
	Loop connection	2 x 2 way phoenix screw terminal blocks
Audio	Frequency response	100 Hz – 5kHz (±3dB)
	Distortion	Better than -40dB, inputs at nominal level
Automatic gain control	Analogue	Dynamic range: 40dB typical Attack time: 10 milliseconds Release time: 500mS
Controls	Volume/driver	Controls the level of current delivered into the loop
Displays	Other indications	LEDs for power, input and output