



## V7 Hearing Loop Driver

V7

Our highly efficient and compact V7 is a constant current, perimeter hearing loop driver, suitable for smaller facilities and venues.

It has a Class-D amplifier output stage and an audio subsystem built around an advanced DSP core. Combined with a powerful CPU to ensure peak performance, the V7 uses cutting edge technology proven in the pro audio world to achieve life-like speech and first-class music reproduction.

### Features

- DSP controlled automatic gain control and high frequency compensation for metal loss
- Class-D amplifier output stage capable of delivering 5A<sub>RMS</sub> @ >7V<sub>RMS</sub>
- Ultra-efficient power utilisation (up to 90% efficient)
- >200m<sup>2</sup> perimeter loop\*
- True constant current output stage
- Simple user interface
- Backlit LCD display
- Sleep mode
- Continuous self-testing
- Integrated protection circuits with temperature, voltage, short circuit and DC detection
- Compact half-width 1U chassis

### Applications

Suitable for smaller sized facilities such as:

- Meeting rooms
- Classrooms
- Care & nursing rooms
- Waiting rooms

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## Physical Data

Dimensions	Height – 41mm (1.6") Width – 196mm (7.7") Depth – 147mm (5.7")
Weight	970g (2.1lbs)
Construction	Mild Steel
Finish	Black Powder Coated



## Technical Data

Inputs	1 X Balanced line level (3 pin euro-block) or 1 X Balanced line level (XLR)	
	1 X Mic level (12V phantom power)	
	1 X DC input	
Outputs	1 X Loop output (5.08mm euro-block)	
Loop Output Characteristics	>7.5 VRMS @ 5A RMS	
	Distortion	<-46dB @ 1KHz
	Frequency Response	100Hz – 5000Hz (=/- 3dB relative to 1K Hz)
Display & Controls	Display	LED Backlit LCD display
	Control	Single rotary control
	Microphone Signal	Simple High-Low-Good indication
	Microphone Attenuator	1dB steps with alphanumeric display
	Line Signal	Simple High-Low-Good indication
	Line Attenuator	1 dB steps with alphanumeric display
	Loop Output Current	10 segment bar-graph (LCD display)

