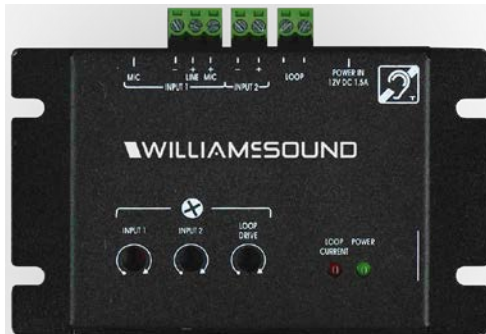


DL102

Counter Loop Amplifier



The DL102 Loop amplifier provides a practical solution for a user to hear with their T-coil enabled hearing device in small areas such as counters and service desks.

Audio is wired into the DL102 amplifier via a line-level input or microphone. Audio is fed from the amplifier through the loop wire in the area where a T-coiled hearing device can pick-up the audio.

With no direct connection between the user and service personnel, users can hear effectively when using the T-coil in their customized hearing devices.

DL102

Dimensions	3.9" x 2.3" x 1" (100mm x 60mm x 25mm)
Weight	0.48 lbs (218 g)
Audio Input	3 (1 microphone or line input, isolated line input, Mic)
Connector Type	3.5mm jack, Mic 2-pole line in, 3 pole line in, Mic in
Power Supply	12V DC 1.5 A output
Power Voltage	100-240VAC, 50/60Hz - 2.0A Input
Dynamic Range	> 60 dB
THD	THD+N < 0.5% - 1kHz
Amplifier Type	Constant current
Loop Resistance	0.1 Ω to 1.0 Ω
Current Output	2A RMS at 1kHz (2.8 APK)
Protection	Thermal fuse, short-circuit and start
Warranty	2-year

DL102

Counter Loop Amplifier

Architectural / Engineering Specifications

The DL102 is a small area constant current single output induction loop amplifier

The DL102 shall be housed in a metal enclosure measuring 3.9" x 2.3" x 1"

The DL102 shall deliver 2A rms (2.8Apk) @ 1kHz and drive a loop of 0.1 to 1.0 Ω

The DL102 shall provide 4.6Vrms (6.5Vpk) @ 1kHz

The DL102 shall have a 3.5mm mono electret microphone input and a three pole Phoenix style microphone/line level inputs

The DL102 shall have a two pole Phoenix style loop output connector

The DL102 shall have rotary screwdriver adjust potentiometers for the two inputs and loop output

The DL102 shall have a green LED for power and a red LED signaling loop output

The DL102 shall be compatible with US or International power systems with the appropriate power cord

The DL102 shall weigh 0.48lbs (218g)

The DL102 shall have a two year warranty

This loop amplifier shall be the Williams Sound model DL102

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