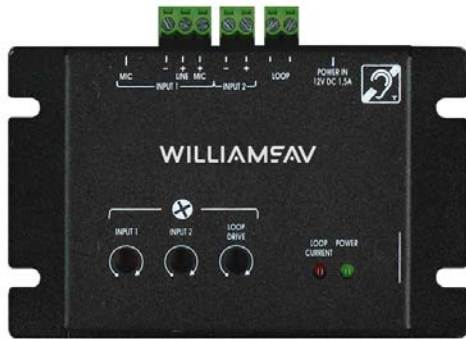


# DL102

## 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

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

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 AV model DL102

### Domestic Sales

Williams AV  
10300 Valley View Rd  
Eden Prairie, MN 55344  
Ph: 800-328-6190 / 952-943-2252  
FAX: 952-943-2174  
Email: [info@williamsav.com](mailto:info@williamsav.com)  
Web: [www.williamsav.com](http://www.williamsav.com)

### International Sales

International Sales Department  
Williams AV  
10300 Valley View Rd  
Eden Prairie, MN 55344 USA  
Phone: +1 952 943 2252  
Fax: +1 952 943 2174  
Email: [info@williamsav.com](mailto:info@williamsav.com)  
Web: [www.williamsav.com](http://www.williamsav.com)