



LOOP

**WILLIAMS**AV

# LOOP AMPLIFIERS

## DL 107



DL107 is suitable for perimeter loop or single array in a small or mid-sized area.

## DL207



DL207 is suitable for phased-array or dual-loop systems in a small or mid-sized area.

## DL 210



DL 210 models are suitable for all types of loops in large areas. Some packages with older models are still available.



# ADDITIONAL EQUIPMENT

Loop Receiver  
PLR Bp1



Neckloops  
NKL 001 / NKL 001 S



Field Strength Meter  
PLM FSMP



The induction loop receiver is designed for use in induction-looped areas by listeners who do not wear T-coil-equipped hearing aids.

Connect to a headphone jack to use with hearing aids or cochlear implants equipped with a T-coil switch. Available in stereo or mono.

Accurately measures the magnetic field strength of induction loop systems. The meter delivers reliable RMS values on the output level, response frequency, Automatic Gain Control function, distortion and background noise in the tested induction loop.



# LOOP SYSTEMS

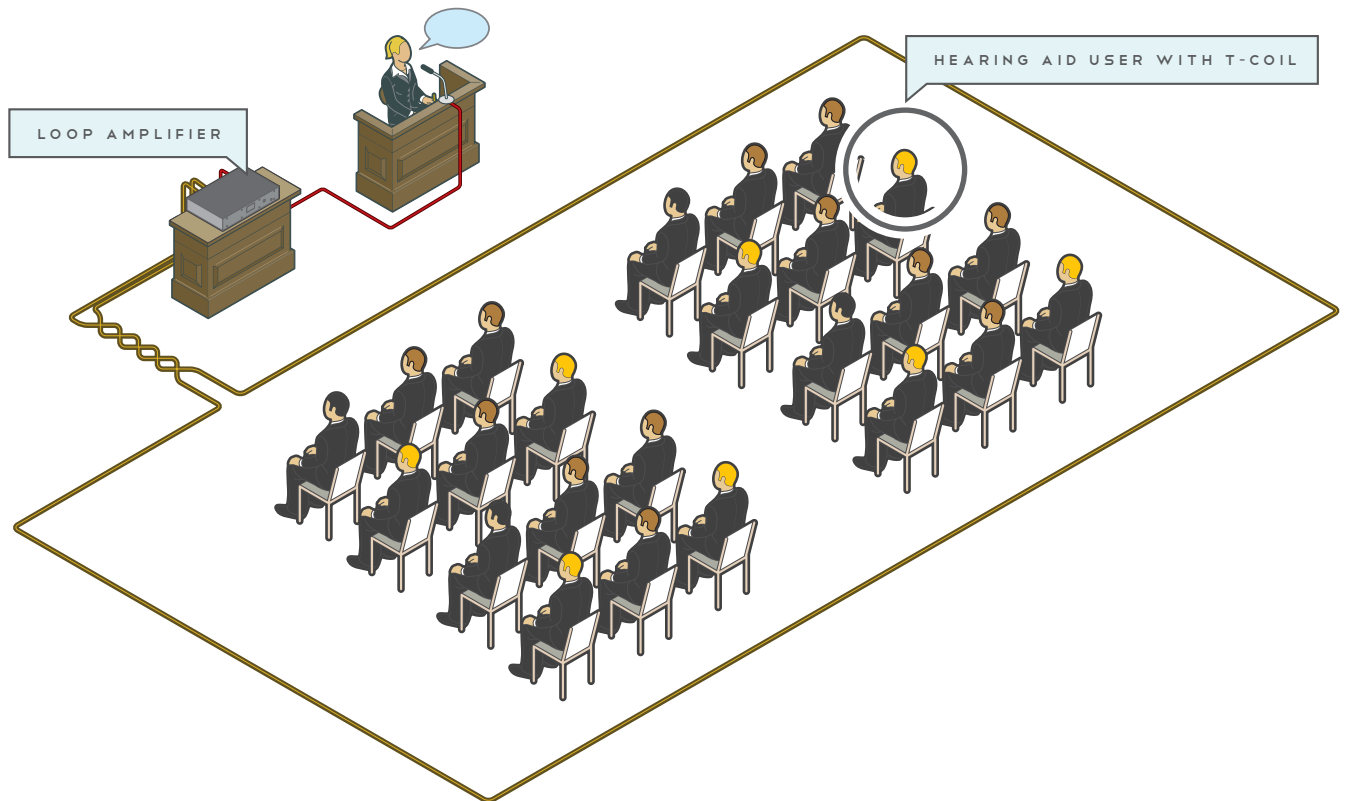
Digi-Loop is definitely state-of-the-art – the first of its kind to maximize modern amplifier technology. Its network-control capability provides seamless, remote system set-up, operation and monitoring via laptop or tablet. DSP audio processing offers flexible, powerful software control of mixing, equalization, compression and more. Powerful Class D, pulse-width amplifiers maximize efficiency.



The Digi-Loop's amplifier design offers dual 12 A rms loop outputs for perimeter loop(s), single array(s), dual loop, or phased-array configuration. A 70-100 V input provides connection to a distributed speaker/paging system, ensuring announcements are heard by loop users.

LOOP SYSTEMS	PLR BPI Body Back	EAR 022 Surround Earphone	EAR 013 mini earbud	Charger and Batteries	Feet of Loop Wire	Warning Tape	Dante	ADA Wall Plaque
<b>DL 107 SYSTEMS</b>								
DL107 SYS	2	.	2	1	300	Y	.	1
DL107 SYSD	2	.	2	1	300	Y	Y	1
<b>DL 207 SYSTEMS</b>								
DL 207 SYS	2	.	2	1	500	Y	.	1
DL 207 SYSD	2	.	2	1	500	Y	Y	1
<b>DL 210 2.0 SYSTEMS</b>								
DL 210 SYS 12.0	2	2	.	1	.	.	.	1
DL 210 SYS 12.0D	2	2	.	1	.	.	Y	1
DL 210 SYS 22.0	2	2	.	1	1000	Y	.	1
DL 210 SYS 22.0D	2	2	.	1	1000	Y	Y	1

# HOW IT WORKS



1. A sound source — such as a voice, TV or other audio system — is captured using a microphone or via a line out connection.

2. The sound signal is then connected to an induction loop amplifier. This generates a current to pass the signal to an induction loop, usually made of copper tape or wire.

3. The copper wire induction loop surrounds the area where the listening audience is located and produces a magnetic field.

4. The magnetic field is picked up by the Telecoil (T-coil) inside the hearing aid of an audience member who has difficulty hearing.

5. The hearing aid tailors the sound to the specific needs of the individual. Sound is delivered directly into the ear canal, without background noise and with the full spectrum of sound frequencies required for intelligibility.

# COUNTER LOOPS

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.

This loop system is supplied with a loop pad and a spool of wire.

COUNTER LOOP SYSTEMS	DL 102 Amplifier	Surface Microphone	120 ft. Loop Wire	Loop Pad	Microphone with Stand (MIC 105)	Desktop Microphone (MIC 027)	ADA Sign
DL 102 SY1	1	1	Y	Y	-	-	-
DL 102 SY2	1	-	Y	Y	1	1	Y

## ADDITIONAL EQUIPMENT

*Not available for purchase in all markets.*

### PLA 240



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 stabilize 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 control provides power, volume, tone and input selection.

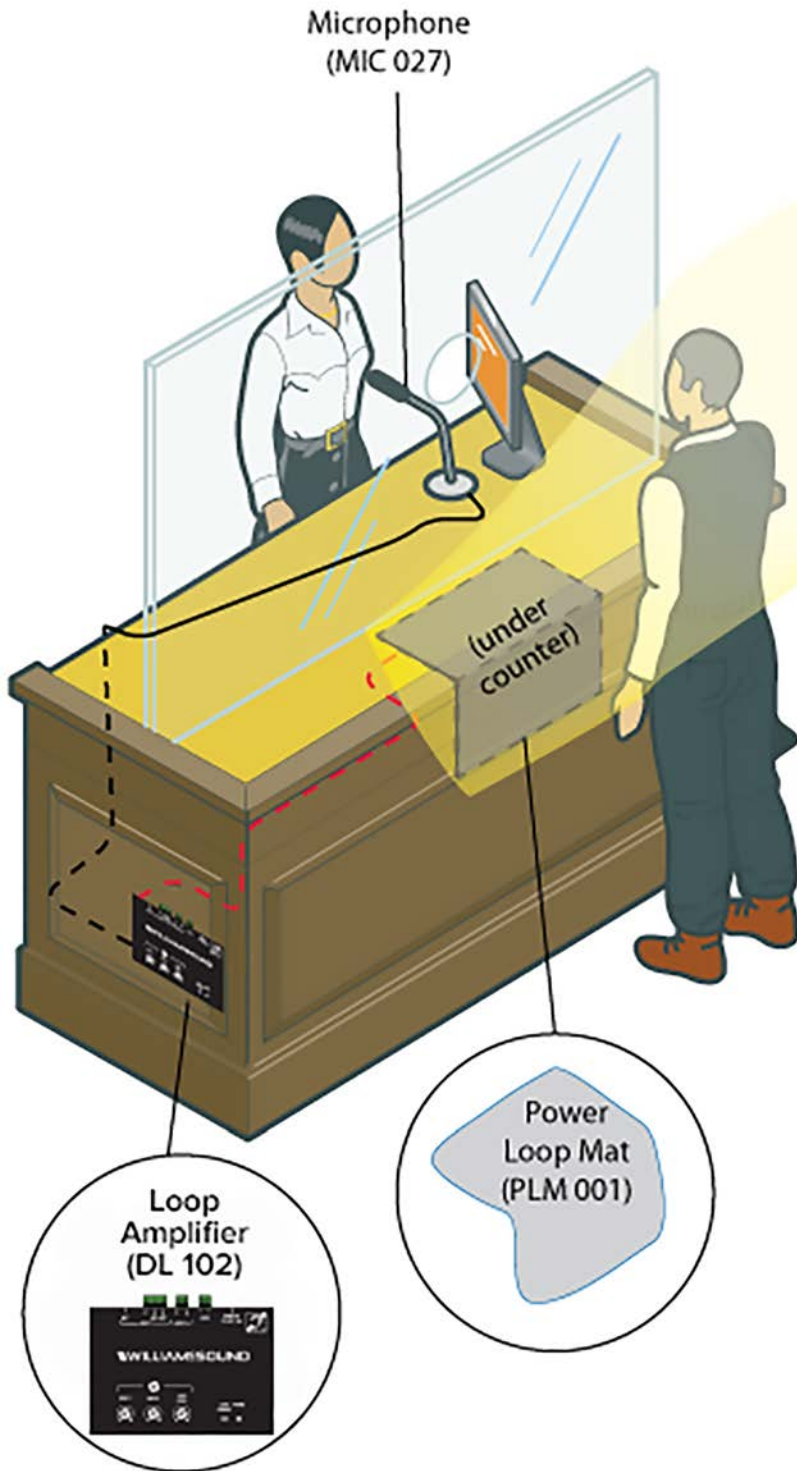
### PLA 90



Public accommodation of individuals at key customer/visitor points of contact.

Compact and easy to install, this portable induction loop system readily accommodates individuals with hearing difficulties--at a bank teller window, information desk, store counter or anywhere customers/visitors need to hear what is being said. The PLA 90 picks up external voices with an integrated microphone or with an optional external microphone. The system transmits the spoken word directly and clearly to a listener's hearing aid equipped with a T-Coil. Designed to meet ADA accessibility requirements.

# HOW IT WORKS



The Counter Loop amplifier and a loop pad are installed discretely on the side or under the counter. This creates a small, looped area where a customer can hear a private conversation.



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