



Configuration:

ILD500 Professional Loop Driver (6.4 Amps)

Product Overview:

The ILD500 is a professional audio hearing loop driver capable of driving loop areas in excess of 7530 sqft. (700 m²) with an unsurpassed clarity of sound for both music and speech for superior intelligibility. Based on proven and highly reliable technology it is backed by a 5 year warranty and Listen technical support. Improved power output provides outstanding value without compromise. It boasts all the usual features such as metal loss correction and is compatible with our unique Ultra-low Spill™ technology. The ILD500 is a compact and elegant unit suitable for freestanding, wall mounting or rack mounting.

Highlights:

- The ILD500 delivers years of trouble free service to ensure venues will never disappoint people with t-coil equipped hearing aids
- Ideal for assistive listening applications in places of worship, theaters, schools, conference rooms, training facilities and hotels
- Continuous delivery of up to 6.4 amps under varying load conditions ensures the driver will operate under a variety of installation conditions
- Optimized sound quality and audio processing ensures that people with t-coil equipped hearing aids or receivers will be delighted with the experience
- Design, installation training, support and certification ensures the loop system meets the demands of customers
- Extensive audio and loop options delivers the right solution in a variety of applications

Includes:

- One (1) ILD500 Professional Loop Driver (6.4 Amps)
- One (1) Rack Mount Bracket
- One (1) "T" Logo Installed Adhesive Sign - Large (11.7" x 8.3")
- One (1) Line Cord (North America)
- One (1) Neutrik NL4 Speakon Connector
- One (1) Handbook and Installation Instruction

Product Specification: Professional Loop Driver (6.4 Amps)	
Audio	
Frequency Response	80 Hz to 6.5 kHz ± 3 dB
Distortion	THD+N < 0.2 %, 1 kHz Sine Wave at Full Current
AGC	Optimized for Speech, Dynamic Range > 36 dB
Controls	
Gain Control	Front recessed input level control
Metal Loss Correction	Correct system frequency response due to metal structures
Cooling	Forced Ventilation, Air Intake on Left Panel, Air Ejection at Rear
Indicators	
Drive Current Indication	6-LED Display Front Panel, 2 dB Increments
Fault Monitoring	LED Fault Indicators, Overload, Overheat, Loop Error

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Remote Fault Monitoring	Relay Contacts
Interconnections	
Loop Connector/s	Neutrik NL4 Speakon
Ancillary	± 15 VDC, 0.15 A, Power Outlet to Power Accessories
Loop	
Perimeter Loop - Coverage	1:1 Aspect Ratio - 4,520 sgft. (420 m ²), 2:1 Aspect Ratio - 5,650 sgft. (525 m ²), 3:1 Aspect Ratio - 7,530 sgft. (700 m ²) Condition 1 - Loop must be 3-6 ft. (1-2 m) above or below the receiver height, Condition 2 - There should be no metal structures in the plane of the loop, Condition 3 - There must be sufficient voltage to drive the loop
Power	
Power	120 VAC, 85W, 45-65 Hz, Power Switch/Led on Front Panel
Drive Current	6.4 A (RMS), 9.0 A (Peak) with 1 kHz Sine Wave
Drive Current Peaks	Short Term > 13 A
Physical	
Width	16.9 in. (430 mm)
Height	1.7 in. (44 mm)
Depth	8.7 in. (220 mm)
Shipping Weight	9.5 lbs. (4.3 kg)
Mounting	Freestanding
Cable Length	10 AWG - Max distance at full current - 392 ft. (119 m), 14 AWG - Max distance at full current - 363 ft. (111 m), 18 AWG - Max distance at full current - 247 ft. (75 m), 22 AWG - Max distance at full current - 137 ft. (42 m), FB1.8 - Max distance at full current - 482 ft. (147 m)
Weight	8.4 lbs. (3.75 kg)
Environmental	
Relative Humidity	IP20 Protection, 20 to 90% Relative Humidity, 32 F (0 C) to 95 F (35 C)