

PROLOOP LOS

Induction loop amplifier for areas up to 300m² (low crosstalk)



- Uniform coverage of magnetic field
- No signal fluctuations when hearing-aid user moves his head
- Reduced sensitivity of magnetic field present on the room
- High efficiency, low power consumption
- Well suited for existing facilities, such as theaters, cinema, concert hall, meeting room or schools and homes (during a renovation of the floor)
- The PROLOOP LOS is an induction loop amplifier for the operation of low-overspill systems and it includes the complete range of electronics required in a single enclosure.
- Suitable for theater, meeting room where several loops have to be put side by side without crosstalk.
- Various audio inputs (XLR-3 / Jack 6,35 mm / RCA) allow sound equipment connectivity without external adaptation.
- Automatic Gain Control (AGC) produce stable sound with outstanding speech reproduction.
- Monitor output allows, among other, to chain the amplifier to another loop amplifier.



Model	PROLOOP LOS
Coverage	300m ² (CEI 60118-4)
Max. voltage	47V peak to peak
Max. current	60A peak to peak 1-5 ms, 4A RMS @ 1kHz
AGC output	Sets the voltage and current for continuous signals such as oscillation and sinus curves to -10 dB after 0.6-1 seconds.
Connector	Screw terminal
Bandwidth	100 to 5,000 Hz (± 3 dB)
Distortion	< 1 %
Outputs	Master : 0dBm, RCA connector - Slave : 0dBm, RCA connector - 2 x headphone Jack 6,35 mm outputs
Inputs	IN 1 : Combo XLR3/Jack 6.35 mm Sensibility MIC 2,5 mV to 10 V / 10 kΩ Sensibility MIC 37 mV @ 10 V / 10 kΩ with phantom power - IN 2, IN 3 : double RCA 45 mV – 10 VRMS / 10 kΩ
Audio inputs	> 70dB
AGC	Rise time 2 to 500ms Fall time 0,5 to 20dB/s
Control	Master loop current adjustment - Slave loop current adjustment - IN1 & IN2 inputs level adjustment Level adjustment for each headphone output
Display	Mains connection: (green LED) - Input level (1 green LED) - Induction loop current (2 green LED)
Power source	230-240V AC 50Hz, 25-700W
Dimensions (WxHxD) (mm)	483 x 90 x 280mm · 19" 2U
Weight	9.3kg