

PROLOOP DCCplus

Induction loop amplifier for areas of up to 1000m²



**Compliant with
IEC 60118-4**



- The PROLOOP DCCplus is designed for areas of up to 1000m². It is the ideal solution for event rooms and conference halls.
- The XLR jack on input 1 is fixed as a microphone input (balanced, sensitivity: 1 mV) configured. The XLR jack on input 2 can be configured as LINE input or microphone input (symmetrically).
- When using the microphone mode, a phantom current of 15V can be activated for static microphones. Also, an additional gain can be enabled on these 2 inputs. It is possible to adjust the amplification for both inputs.
- The output amplification is generous (up to 12A RMS) and guarantees good audio transmission by the system.
- The Automatic Gain Control makes sure of a consistent field strength, offers more stability of volume and excellent audio reproduction.
- The supplied 6.3mm jacks Slave In and Slave Out can be equipped with two PROLOOP DCCplus to establish a Low-Overspill loop system.
- **Adjuster for reducing field strength loss to metal in the surroundings.**

Model	PROLOOP DCCplus
Power	150W
Passive safety	Fuse 1,5A (at 230V mains voltage)
Maximal area	1000m ² conforming to IEC 60118-4
Max. voltage	32V RMS
Max. current	12A RMS
Output AGC	Maintains constant level of the audio signal on the connected loop AGC reaction time Sinus -10dB : 8ms. - 2 s
Connectors	Screw clamps
Frequency range	100 to 5000 Hz (± 3dB)
Distorsion	< 1% at nominal output power, 1kHz
Headphones	Jack 3.5mm
Slave Out	0°/90° phase shift adjustable (6,3mm jack)
Input	IN 1: XLR-connector, Microphone-in (symmetric, sensitivity: 1mV) IN 2: XLR-connector, adjustable as LINE-in (symmetric, sensitivity: 1V) or Microphone-in (symmetric, sensitivity: 1mV) Amplification adjustment, phantom current 15V can be added - 100V-priority input, for connection to a PA-System
Slave In	Jack 6.3mm
AGC audio inputs	Dynamics : up to 100dB
Adjustment by control dial	Loop current - Amplification for IN 1 and IN 2 - For reducing field strength loss to metal in the surroundings
Display	On / Off (LED, green) - AGC/Compression (5 green LEDs and 1 yellow LED) - Loop current (5 green LEDs and 1 yellow LED) Overload (1 yellow LED) - Overheat (1 red LED) - Loop error (1 red LED)
Power supply	115/230VAC 50/60Hz
Dimensions (LxHxP)	430 x 90 x 270mm · 19" 2U
Weight	7.8kg

Section of the loop cable: the section of the cable to be connected to the amplifier of induction depends on the total length of cable required in the loop (periphery pose or in 8) and at its connection to the amplifier magnetic loop.

Do not hesitate to contact us before any installation.

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