

PROLOOP C

Induction loop amplifier for areas up to 170m²



- The PROLOOP C is designed for professional use in medium-sized rooms (up to 170 m²), in which particularly high dependability and extremely reliable operation are required.
- The PROLOOP C is 100-percent short-circuit-proof thanks to its automatic resettable protection.
- Each of the two XLR3 inputs can be configured as LINE (balanced) or as microphone input (unbalanced).
- On MIC mode it is possible to activate the function : gain control and 40V phantom power for condenser microphones. Signal of each input are stabilized by AGC.
- Automatic Gain Control (AGC) guarantees consistent field strength and current on the cable loop.
- Monitoring output allows to chain the amplifier to another loop amplifier or other audio equipment requiring the same audio signal.

Model		PROLOOP C
Power		7 - 200 W
Protection		Passive : 10A fuse - Active protection against short-circuit
Coverage		170 m ² acc. to IEC 60118-4, single-loop, free field
Max. voltage		31 V peak to peak
Max. current		60 A peak to peak of 1-5 ms, 4 A RMS @ 1 kHz
AGC output		Sets voltage and power for steady signals like oscillation and sine curves after 0.6-1 seconds to -10 dB. Short pulses and normal program signals are not limited
Connector		Screw terminal
Bandwidth		100 to 5,000 Hz (± 3dB)
Distortion		< 1 %
Line Out		Monitoring output 0 dBm-RCA
Headphones output		Jack 6.35mm
Inputs		IN 1 and 2: 0.5 mV-100 mV / 10 kΩ (mic.) alt. 25 mV - 4 V/ 10 kΩ (line) AGC, switchable phantom voltage, XLR connections; IN 3: 50 mV-10 V / 10 kΩ, RCA connection
Audio inputs	Dynamic	> 70 dB
	Rise time	2 - 500 ms
	Fall time	0,5 - 20 dB/s
Control		Gain control: IN1, IN2, IN3 - Treble control: 0 - +9 dB - Induction loop adjustment: 0 - 170 m ²
Display		Mains connection: 1 green LED ; Input level: 1 green LED ; Induction loop power: 1 green LED
Power source		230 - 240 VAC 50/60 Hz
Dimensions (WxHxD) (mm)		295 x 64 x 205
Provided accessories		19" rack mount bracket
Weight		3.6kg

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

Do not hesitate to contact us before any installation.

Encircle area	Recommended cable cross-section
150 - 300m ²	2.5mm ²
70 - 150m ²	1.5mm ²
≤ 70m ²	1.0mm ²

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