



## PROLOOP C

### Induction loop amplifier

- High output current: 11 A RMS
- Short-circuit-proof
- Automatic fuse reset
  - Two symmetrical XLR input jacks
  - One RCA input jack
  - One line output jack
  - Extra-sturdy jacks
  - Dual action AGC for excellent speech recognition
  - High availability, operating reliability and quality assurance
- Convenient monitoring of the magnetic field: Can be done using headphones or speakers
- Treble control to compensate for treble losses due to reinforcement



#### PROLOOP C

Order No.: A-4246-0

The PROLOOP amplifier family is designed for professional use in medium-sized rooms (up to 170 m<sup>2</sup>) in private buildings and public facilities, in which particularly high dependability and extremely reliable operation are required.

Thanks to a 100-percent short-circuit-proof amplifier, switchable, symmetrical XLR input jacks and extremely stable output performance, the PROLOOP C is able to meet these demands.

Automatic Gain Control (AGC) guarantees consistent field strength and reproduces stable sound with a special emphasis on clear speech, even under acoustically demanding conditions.

Corresponding test equipment can be used to evaluate the sound quality via the integrated monitor out jack.

#### Technical data for the PROLOOP C

Mains connection:	230-240 V AC 50 Hz, 7-200 W, 10 A fuse
Coverage:	170 m <sup>2</sup> acc. to IEC 60118-4, single-loop, free field
<b>Induction loop output</b>	
Max. current:	60 A from peak to peak, 1-5 ms, 1 kHz, 11 A RMS, continuous 1 kHz, short-circuit-proof
Max. voltage:	31 V from peak to peak
Output AGC:	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.
Frequency response:	100 - 5000 Hz ( ± 3 dB)
Distortion:	< 1%
Cable connection:	Screw connection on rear panel of the amplifier
<b>Outputs</b>	
1. LINE OUT:	0 dBm-RCA out (with AGC function)
<b>Inputs</b>	
IN 1 und 2:	0.5 mV-100 mV / 10 kOhm (mic.) alt. 25 mV - 4 V / 10 kOhm (line) AGC, switchable phantom voltage, XLR connections
IN 3:	50 mV-10 V / 10 kOhm, RCA connection
<b>AGC</b>	
Dynamics:	> 70 dB
Rise time:	2 - 500 ms
Fall time:	0.5 - 20 dB/s
<b>Controls and displays</b>	
Treble control:	0 - +9 dB, potentiometer
Induction loop adjustment:	0 - 170 m <sup>2</sup> , potentiometer
Displays:	Mains connection: 1 green LED Input level: 1 green LED Induction loop power: 1 green LED
<b>Induction loop monitoring</b>	
6.3 mm jack for headphone connection	
<b>Enclosure</b>	
Dimensions:	64 x 295 x 205 mm (H x W x D)
Weight:	3.6 kg
Colour:	black