



PROLOOP DCC

Induction loop amplifier

Technical data for the PROLOOP DCC

Mains connection:	230-240 V AC, 50 Hz, 25-700 W, 10 A fuse
Coverage:	800 m ² acc. to IEC 60118-4, single-loop

Induction loop output

Max. power:	78 A / 0.06 ohms 25 A RMS, 10-300 ms 1 kHz, short-circuit-proof
Max. voltage:	47 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 range:	100 - 5000 Hz (± 3 dB)
Distortion:	< 1 %
Cable connection:	Screw connection on rear panel of the amplifier

Outputs

1. LINE OUT:	0 dBm-RCA (with AGC function)
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Inputs

IN 1, 2 und 3:	XLR connections (0,5 - 100 mV) microphone / (25 mV - 4 V) Line, sensitivity, phantom voltage, balanced/unbalanced and priority can be adjusted separately for each input.
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AGC

Dynamics:	>70 dB
Rise time:	2 - 500 ms
Fall time:	0.5 - 20 dB/s

Controls and displays

Treble control:	0 - +9 dB (potentiometer)
Induction loop adjustment:	0 - 800 m ² (potentiometer)
Displays:	Mains connection: 1 green LED Input level: 3 green LEDs Induction loop power: 5 red LEDs

Induction loop monitoring

6.3 mm jack for headphone connection

Enclosure

Dimensions:	90 x 439 x 295 mm (H x W x D)
Weight:	9.5 kg
Colour:	black

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Order No.: A-4263-0

Designed for rooms up to 800 m² in size, the PROLOOP DCC induction loop amplifier is an ideal solution for event venues and larger assembly halls.

Short-circuit-proof amplifiers with switchable, symmetrical XLR inputs and strong output performance (up to 25 A RMS) guarantee that the induction loop system remains highly available.

Automatic Gain Control (AGC) creates consistent field strength to produce stable tone with outstanding speech reproduction – even under difficult acoustic conditions. The integrated monitor output and the corresponding measurement technology make it possible to test the quality of the induction loop system easily and conveniently.

- High output current: 25 A RMS
- Short-circuit-proof
- Automatic fuse reset
- Three symmetrical XLR inputs
- Sensitivity, phantom voltage, balanced/unbalanced and priority can be separated adjusted for each input
- 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
- LED display for mains connection, input level and induction loop current
- 19" rack design