

PROLOOP NX7 LOS

Induction loop amplifier for areas up to 1 200 m² (low crosstalk)



- The PROLOOP NX7 LOS is designed for areas up to 1 200 m². It is primarily designed for continuous use. The integrated switch mode power supply and the Class-D amplifier design enable high efficiency and low waste heat. Among other things, this results in the high reliability and operational safety.
- The function of the induction loop and the amplifier is continuously monitored. A functional error is indicated via displays on the unit and at the error output.
- Automatic Gain Control (AGC) ensures a consistent level on the listening loop.
- Metal Loss Correction (MLC) can be used to correct the frequency response due to metal structures present in the building.
- Link connections allow several PROLOOP NX Amplifiers to be combined into one unit.
- Loop output B can be switched between 0° or 90° phase shift.
- The output signal of both amplifier channels can be



Rear panel

- monitored via a switchable headphone output.
- A screw-fixed cover plate prevents the setting from being changed.
- The power switch on the back prevents the unit from being switched off unintentionally.

Model	PROLOOP NX7 LOS
Coverage	1 200 m ²
Power supply	110-265 V AC 50/60 Hz
Power consumption max.	450W
Metal Loss Correction (MLC)	0-4 dB/Octave
Cooling	fanless
Dimensions (HxBxT)	43 x 430 x 290 mm 19" 1U
Weight	3,8 kg
Amplifier output	
Loop current max.	2x 7 A RMS
Loop voltage max.	2x 34 V RMS
Frequency range (± 1,5 dB)	80 Hz - 6 kHz
Loop resistance DC	0,5 - 3,0 Ω
Outputs	
Headphone	3,5 mm stereo Jack
Link connections	6,3 mm Jack, balanced
Status connection	3 pol. Euroblock plug
Loop connection	NL4 Speakon Twist 1+ parallel to 2+ / 1- parallel to 2-
Inputs	
Input 1	5-100 mV / 2 kΩ / 48 V switchable (MIC) 100 mV - 6 V / 10 kΩ (LINE) switchable, Combo Jack
Input 2	5-100 mV / 2 kΩ / 48 V switchable (MIC) 100 mV - 6 V / 10 kΩ (LINE) switchable, Euroblock plug
Input 3	100 V Priority input 2 pol. Euroblock plug
Link in/out/out 90°	6,3 mm Jack, balanced
Automatic Gain Control (AGC)	
AGC	voice-optimised
Dynamic range	>40 dB