

# PROLOOP NX3

## Induction loop amplifier for areas up to 56 m<sup>2</sup>



- The PROLOOP NX3 is designed for small-sized rooms (up to 56 m<sup>2</sup>). 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.
- 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.
- The balanced input 1 can be switched between microphone and line sensitivity. It also provides 48V phantom power for condenser microphones
- The unbalanced input 2 handles line level signals or the audio signal of an electret microphone.
- Input 3 is specially designed for connecting media players via a 3,5 mm stereo jack. Stereo signals are summed to mono.



Rear panel

Model	PROLOOP NX3
Coverage	56 m <sup>2</sup>
Power supply	100-240 V AC 50/60 Hz
Power consumption max.	30 W
Metal Loss Correction (MLC)	0-4 dB/Octave
Cooling	fanless
Dimensions (HxBxT)	32 x 167 x 95 mm
Weight	0,37 kg
<b>Amplifier output</b>	
Loop current max.	2,5 A RMS
Loop voltage max.	12 V RMS
Frequency range (± 1,5 dB)	80 Hz - 6 kHz
Loop resistance DC	0,2 - 1,0 Ω
<b>Output</b>	
Loop connection	2 pol. Euroblock plug
<b>Inputs</b>	
Input 1	5-20 mV / 2 kΩ / 48 V (MIC), balanced 100 mV - 2 V / 10 kΩ (LINE) balanced switchable, 3 pol. Euroblock plug
Input 2	5-20 mV / 2 kΩ / 5 V (MIC) unbalanced 3,5 mm stereo Jack
	100 mV - 2 V / 10 kΩ (LINE) unbalanced 3 pol. Euroblock plug
Input 3	316 mV - 6 V / 10 kΩ (LINE) unbalanced 3,5 mm stereo Jack
<b>Automatic Gain Control (AGC)</b>	
AGC	voice-optimised
Dynamic range	>40 dB