

- Single-channel Class D Loop Amplifier
- 3 mixable inputs
- Microphone input with 48V Phantom power
- 100V Priority input
- Link Connections for setting up larger systems
- Settings protected by cover plate



The Pro Loop NX7 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 Pro Loop NX Amplifiers to be combined into one unit.

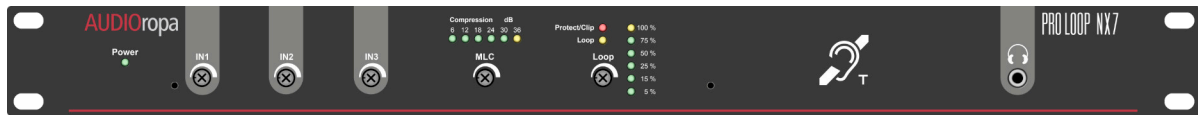
The output signal can be monitored via a headphone output.

A screw-fixed cover plate prevents the setting from being changed.

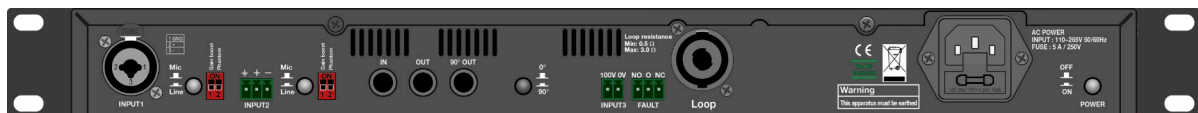
The power switch on the back prevents the unit from being switched off unintentionally.

TECHNICAL DATA		Item No. A-4282-0
Power supply	110-265 V AC 50/60 Hz	
Power consumption max.	225W	
Amplifier output		
Loop current max.:	7 A RMS	
Loop voltage max.:	34 V RMS	
Frequency range ($\pm 1,5$ 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 Speaker Twist	
	1+ parallel to 2+ / 1- parallel to 2-	
Inputs		
Input 1	5-100 mV / 2 k Ω / 48 V switchable (MIC) 100 mV - 6 V / 10 k Ω (LINE) switchable, Combo Jack	
Input 2	5-100 mV / 2 k Ω / 48 V switchable (MIC) 100 mV - 6 V / 10 k Ω (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	
Metal Loss Correction (MLC)		
MLC:	0-4 dB/Octave	
Cooling		
Art:	fanless	
Mechanical specification		
Dimension (HxWxD):	43 x 430 x 290 mm 19" 1HE	
Weight:	3,72 kg	

Front view



Rear view



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