

- Two-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 NX15 LOS 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.

Loop output B can be switched between 0° or 90° phase shift.

The output signal of both amplifier channels can be 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.

TECHNICAL DATA	Item No. A-4289-0
Power supply	110-265 V AC 50/60 Hz
Power consumption max.	900W

Amplifier output	
Loop current max.:	2x 14 A RMS
Loop voltage max.:	2x 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

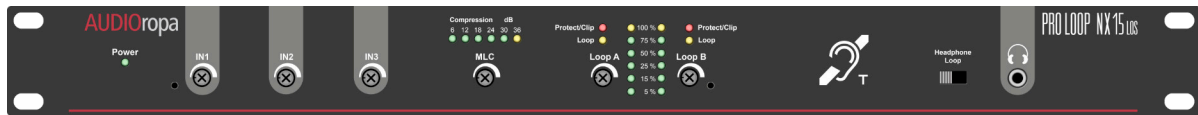
Automatic Gain Control (AGC)	
AGC:	voice-optimised
Dynamic range:	>40 dB

Metal Loss Correction (MLC)	
MLC:	0-4 dB/Octave

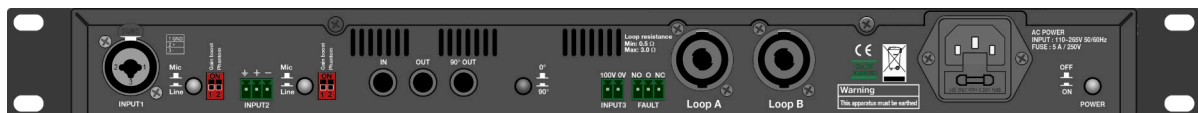
Cooling	
Art:	fan-cooled, temperature controlled

Mechanical specification	
Dimension (HxWxD):	43 x 430 x 290 mm 19" 1HE
Weight:	3,8 kg

Front view



Rear view



AUDIOropa is a brand of

Humantechnik GmbH
Im Wörth 25
D-79576 Weil am Rhein

info@audioropa.com
www.audioropa.com

Changes and errors excepted