PRO LOOP NX3

AUDIOropa

- **Compact Class D Loop Amplifier**
- **Integrated switched-mode power supply**
- **3 mixable Inputs**
- **Microphone input with 48V Phantom Power**
- **Microphone input with 5V PlugIn Power**
- **Balanced and unbalanced Line Inputs**

The Pro Loop NX3 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.

TECHNICAL DATA	Item No. A-4230-0
Power supply	100-240 V AC 50/60 Hz
Power consumption max.	30W
Amplifier output	
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
Outputs	
Loop connection:	2 pol. Euroblock plug
Inputs	
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
Automatic Gain Control (AGC)	
AGC:	voice-optimised
Dynamic range:	>40 dB
Metal Loss Correction (MLC)	
MLC:	0-4 dB/Octave
Cooling	
Art:	fanless
Mechanik	
Dimension (HxBxT)	32 x 167 x 95 mm
Weight:	0,37 kg

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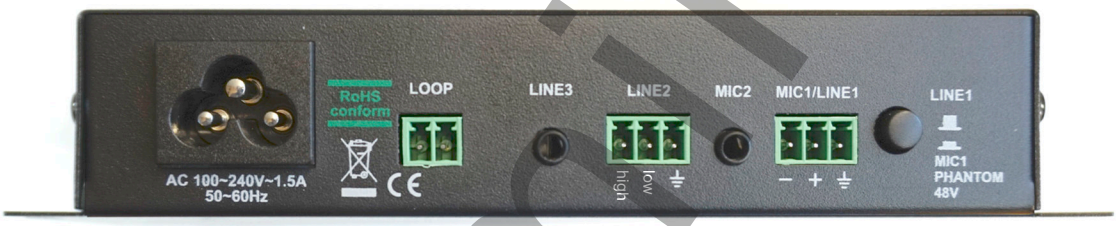
Front view

Rear view



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