

MARENIUS

MICAMP-48V

LOW NOISE MIC AMP



MICAMP-48V is a compact and professional Mic Amplifier with 48 V phantom power supply and balanced inputs and outputs.

MICAMP-48V is a very compact unit, housed in an all aluminum metal case.

The case is suitable for wall mounting or may be used standing on the backside or bottom side.

Input is a 3-pole XLR socket with fixed 48 V phantom supply.

Output is a 3-pole XLR plug with a balanced line level signal.

Power supply may be any DC source between 6 and 24 V. Phantom voltage will always be

approx. twice the supply voltage. An internal 24 KHz oscillator generates the phantom voltage.

Gain is adjustable within 26 to 66 dB.

MICAMP-48V is built to the highest standard regarding performance and EMC (electromagnetic compatibility). Most components are surface mounted and the p.c.b. has dual, integrated ground planes.

The output is short-circuit proof. Power supply input is diode protected for false polarity.

Connections

Input socket

- 1 ground
- 2 signal +
- 3 signal -

Output plug

- 1 ground
- 2 signal +
- 3 signal -

DC supply

- center pin negative

TECHNICAL DATA

Input impedance	2 K ohm
Input level for 0 dBu _{out}	-26 ... -66 dBu
Maximum input level	0 dBu
Maximum output level	+26 dBu
Equiv. input ref. noise	< -120 dB
THD + noise	<0,05 %
Frequency response	20 - 30.000 Hz (-1 dB)
Supply voltage	24 V DC @ 0,1 A through mains adapter 230V
Size	WxHxD 127 x 44 x 65 mm
Weight	0,5 kg