



Technical Specifications



TUBE ULTRAGAIN MIC100

Audiophile Vacuum Tube Preamplifier with Limiter

EN TUBE ULTRAGAIN MIC100**Audiophile Vacuum Tube Preamplifier with Limiter**

- High-end tube mic/line preamplifier for studio, live and hard disk recording applications
- Hand-selected 12AX7 vacuum tube with UTC technology for exceptional warmth and lowest noise
- The ultimate sound-enhancing tool for virtually any sound source
- Perfectly complements studio-grade condenser mics
- Usage as a high-end DI-box ensures outstanding signal integrity
- Eliminates the “dull” sound of standard digital recorders and sound cards
- Dynamic limiter effectively protects your equipment from overload
- Phase reverse switch, +48 V phantom power and 20 dB pad for utmost flexibility
- Balanced inputs and outputs on 1/4" TRS and gold-plated XLR connectors
- Highly accurate 8-segment LED level meter
- Extremely wide-range input gain and output level adjustment

Specifications**XLR input**

Connector	Balanced/unbalanced
Type	Transformerless, DC-decoupled input
Impedance	approx. 2 k Ω
Max. input level	+7 dBu / 20 dB with pad

1/4" TRS input

Connector	Balanced/unbalanced
Type	Transformerless, DC-decoupled input
Impedance	approx. 1 M Ω
Max. input level	+16 dBu / 20 dB with pad

Audio outputs

Connectors	XLR and 1/4" TRS connector balanced/unbalanced
Type	Transformerless, DC-decoupled output
Impedance	approx. 700 Ω balanced / approx. 350 Ω unbalanced
Max. output level	approx. +26 dBu @ 100 k Ω

System specifications

Frequency response	Mic input <10 Hz - 43 kHz (+/-3 dB)
	Line input <10 Hz - 40 kHz (+/-3 dB)

Function controls

Gain	variable (+26 to +60 dB)
Output	variable (-∞ to +10 dB)

Function switches

20 dB pad	Level attenuation (20 dB)
+48 V	Activates the phantom power
Phase reverse	Phase reverse (180°)
Limiter	Limits the output signal

Indicators

Input level	8-segment LED meter: -24, -18, -12, -6, 0, +6, +12, clip
Power-LED	Indicates operation

Power supply**Mains voltages**

USA/Canada	120 V~, 60 Hz, PSU
U.K./Australia	240 V~, 50 Hz, PSU
Europe	230 V~, 50 Hz, PSU
Japan	100 V~, 50 - 60 Hz, PSU

Physical

Dimensions (H x W x D)	approx. 2 ½ x 5 ¼ x 5 ¼" approx. 64 x 135 x 135 mm
Weight (without power supply)	approx. 0.5 kg / 1.1 lbs

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