

TUBE ULTRAGAIN MIC200

Technical Specifications

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ENGLISH



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TUBE ULTRAGAIN

High-End Vacuum Tube Preamplifier with Preamp Modeling Technology

- ▲ High-end preamplification for all microphone, instrument and line-level sources. Perfectly complements studio-grade condenser mics
- ▲ Perfectly matches your studio, live and hard disk recording set-up
- ▲ Ultra-flexible Preamp Modeling allows you to quickly optimize your recordings
- ▲ You can choose between 16 preamp voicings designed for electric and acoustic guitars, keyboards, bass guitars, drums, vocals and more
- ▲ Hand-selected 12AX7 vacuum tube with UTC technology for exceptional warmth and lowest noise
- ▲ Ensures outstanding signal transparency when used as a high-end DI-box
- ▲ Equipped with BEHRINGER's sophisticated output limiter-prevents the output signal from being distorted
- ▲ Dedicated low cut filter eliminates unwanted noise, e.g. floor rumble
- ▲ +48 V phantom power, phase reverse switch and 20 dB pad for utmost flexibility
- ▲ Highly accurate 8-segment LED level meter
- ▲ Balanced inputs and outputs on ¼" TRS and gold-plated XLR connectors
- ▲ Designed in Germany. Manufactured under ISO9000 management system

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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 bal./unbal.
Type	Transformerless, DC-decoupled output
Impedance	approx. 700 Ω bal. / approx. 350 Ω unbal.
Max. output level	approx. +26 dBu @ 100 k Ω

System specifications

Frequency response	Mic input <10 Hz - 47 kHz (+/-3 dB) Line input <10 Hz - 55 kHz (+/-3 dB)
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Function controls

Gain	variable (+26 to +60 dB)
Output	variable (- ∞ to +10 dB)
Preamp mode control	Selection of various preamp settings for microphone and instruments

Function switches

20 dB pad	Level attenuation (20 dB)
+48 V	Activates the phantom power
Low Cut	High pass filter (cut-off frequency 90 Hz)
Phase reverse	Reverses phase (180 degrees)

Indicators

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

Power supply

Mains voltage	USA/Canada	120 V~, 60 Hz
	U.K./Australia	240 V~, 50 Hz
	Europe	230 V~, 50 Hz
	Japan	100 V~, 50 - 60 Hz
Mains supply	external power supply 9 V AC/1300 mA	

Physical Dimensions

	approx. 2 1/2" (64 mm) x 5 1/4" (135 mm) x 5 1/4" (135 mm)	
Weight	approx. 1.1 lbs (0.5 kg) (w/o power supply)	

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