



Technical Specifications



TUBE ULTRAGAIN MIC200TUBE ULTRAGAIN MIC200

Audiophile Vacuum Tube Preamplifier with Preamp Modeling Technology

EN TUBE ULTRAGAIN MIC200**Audiophile Vacuum Tube Preamplifier with Preamp Modeling Technology**

- High-end preamplification for all microphone, instrument and line-level sources. Specifically designed for studio-grade condenser mics
- Perfectly matches your studio, live and hard disk recording set-up
- Ultra-flexible Preamp Modeling allows you to optimize your recordings
- 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
- 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
- 3-Year Warranty Program*
- Conceived and designed by BEHRINGER Germany

Specifications**Audio Inputs****XLR Input**

Connector	balanced / unbalanced
Type	transformerless, DC-decoupled input
Impedance	approx. 2 kΩ
Max. input level	+7 dBu / -20 dB with pad

¼" TRS Input

Connector	balanced / unbalanced
Type	transformerless, DC-decoupled input
Impedance	approx. 1 MΩ
Max. input level	+16 dBu / -20 dB with pad

E.I.N.¹ (20 Hz - 20 kHz)

@ 0 Ω source resistance	-125.5 dBu / -128.5 dBu A-weighted
@ 150 Ω source resistance	-124 dBu / -126.8 dBu A-weighted
@ 600 Ω source resistance	-120 dBu / -122.7 dBu A-weighted

Audio Outputs

Connectors	XLR connector + ¼" TRS jack balanced / unbalanced
Type	transformerless, DC-decoupled output
Impedance	approx. 700 Ω balanced, approx. 350 Ω unbalanced
Max. output level	approx. +26 dBu @ 100 kΩ

System Data

Signal-to-noise ratio	90 dB A-weighted @ -28 dBu input level
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Frequency Response

Mic input	<10 Hz to 47 kHz (± 3 dB)
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Line input	<10 Hz to 55 kHz (± 3 dB)
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Function Controls

GAIN	variable (+26 dB to +60 dB)
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OUTPUT	variable ($-\infty$ to +10 dB)
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Preamp mode control	selection of various preamp settings for microphone and instruments
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Function Switches

20 dB PAD	level attenuation (20 dB)
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+48 V	activates the phantom power
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LOW CUT	High pass filter (cut-off frequency 90 Hz)
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PHASE REVERSE	Phase reverse (180°)
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Indicators

Input Level	8-segment LED meter: -24, -18, -12, -6, 0, +6, +12, Clip
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Power LED	indicates operation
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Power Supply**Mains Voltage**

USA/Canada	120 V~, 60 Hz
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Europe/U.K./Australia	230 V~, 50 Hz
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China	220 V~, 50 Hz
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Korea	220 V~, 60 Hz
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Japan	100 V~, 50 / 60 Hz
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Mains connector	external power supply 9 V~ / 1300 mA
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Physical / Weight

Dimensions (H x W x D)	approx. 64 x 135 x 135 mm (2.5 x 5.3 x 5.3")
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Weight (without power supply)	approx. 1.0 kg
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¹ Equivalent Input Noise

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