



Mic-PreEminence Microphone Preamplifier

A high performance, two channel microphone preamplifier designed to produce a completely transparent, clean, smooth sound.

Every once in a while, a special product comes along. One that fulfills its role very, very well. One that doesn't try to do everything. The Mic-PreEminence is one of those special products.

A microphone preamplifier that doesn't add a sound of its own, it simply gives you the gain required. It doesn't have many lights, knobs or buttons; frankly, it's simple to use.

Why We Designed the Mic-PreEminence

Our friends in the recording industry said they wanted to clean up their sonic act. They wanted a dedicated microphone preamplifier that would let them put onto tape, analog or digital, what they were hearing in the studio. They wanted a microphone preamplifier that could also be used for digital sampling or for a live

concert. They were tired of the performance from most console microphone preamplifiers. When we were designing the Mic-PreEminence, our goal was to produce a transparent, clean sound. Nothing was to be added to or subtracted from the original signal besides gain.

The Result

The Mic-PreEminence uses exceptional design to give sonic excellence and straightforward operation. Only superior, high performance circuits, rarely found in other audio equipment, are used. It's extremely easy to use, with an optimized set of controls

and indicators. The result is not only terrific specifications, but an incredibly great sound. Nothing can compare with the Mic-PreEminence for a sound that is distinctively clear, uncolored, and remarkably smooth.

Applications

Studios Use the Mic-PreEminence to minimize the signal flow through a console during tracking and over-dubbing. Put critical instruments through the Mic-PreEminence and then directly into the multi-track.

Location Recording Plug a stereo microphone pair into the Mic-PreEminence, then connect the output directly into a two-track digital recorder.

Digital Audio Workstations Use the Mic-PreEminence with a dedicated or PC-based workstation.

Sampling Use the Mic-PreEminence with digital sampling. Store the best sound you can!

Broadcast For superior voice audio, use the Mic-PreEminence in on-air and production locations.

Features

- Two independent preamplifier channels
- Transformerless electronically balanced input
- 12 to 68dB gain range
- Phantom power, switchable on/off
- Five segment level LED metering
- Noise within 1dB of theoretical limit (-129.5dB EIN)
- Minimal number of capacitors in audio path
- Balanced and unbalanced output connectors
- Output phase reverse switch
- Single rack space mounting

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Mic-PreEMinence Specifications

Phantom Power:	+48Vdc, ± 0.5 Vdc	Input to Output Phase Shift:	9 degrees maximum, 20Hz to 20kHz
Input Impedance:	7.8K ohms	Input Connectors:	XLR-type female, pin 2 hot
Common Mode Rejection:	70dB, 20Hz to 20kHz, 30dB gain	Output Connectors, Balanced:	XLR-type male, pin 2 hot
Gain Range:	+12 to +68dB, adjustable	Output Connectors, Unbalanced:	1/4-inch, 2-conductor phone jack
Slew Rate:	20V/ μ Sec	AC Mains Requirement:	115/230Vac, $\pm 10\%$, switch selectable, 50/60Hz, 10 watts (100/200Vac version available)
Frequency Response:	+0/-1.5dB, 20Hz to 60kHz, 40dB gain +0/-0.5dB, 10Hz to 90kHz, 68dB gain	AC Mains Connector:	3-conductor, IEC 320-style
Distortion (THD):	0.0020%, 20Hz to 20kHz, 30dB gain	Dimensions:	19.00 inches wide (48.3cm) 1.73 inches high (4.4cm) 7.00 inches deep (17.8cm) (1 standard rack space)
Noise:	-69.5dB @ 60dB gain, (equal to -129.5dB EIN, which is 1dB above theoretical minimum); 20Hz to 20kHz bandwidth, 150 ohm resistor on input	Weight:	4.2 pounds (1.9kg)
Output Impedance:	200 ohms, nominal		
Output Level at Clipping:	+30dBu into 10k ohms, balanced (0dBu=0.7746V) +29dBu into 600 ohms, balanced +24dBu into 10k ohms, unbalanced +23dBu into 600 ohms, unbalanced		

Specifications subject to change without notice.

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