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PRESS RELEASE

Power amplifier **model ML3**
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ML3 power amplifier

LAMM INDUSTRIES, INC. is proud to introduce its crowning product, the ML3 power amplifier. The ML3 is a single-ended amplifier with a separate power supply utilizing a very powerful direct-heated triode GM-70 (with plate dissipation of 125W).

The ML3 continues the fine tradition that began with the Lamm ML2 single-ended amp, and takes it to the heights of sound reproduction unattainable up until now.

The ML3, along with our current model ML2.1 amplifier, is practically the only single-ended amplifier on the market capable of reproducing an entire range of audio frequencies. The ML3 recreates well not only the midrange (as is the case with most single-ended amplifiers) but also the most natural and extended bass and high frequencies (which is unique to the ML2, ML2.1, and ML3 models). The amplifier's innovative circuitry enables it to recreate the original spectral balance and harmonic structure of the recorded material without losing even the tiniest of details and nuances. Another unique aspect of the design enables the ML3 to recreate a three-dimensional soundstage without boundaries and limitations, while maintaining an extraordinary transparency of perceived sound. The ML3 truly demonstrates what a properly designed single-ended amplifier can do.

Some technical aspects

The ML3 is a 32 Watt, no overall feedback pure class A single-ended amplifier. It utilizes one of the most sophisticated power supplies that have ever been used in building of any audio device.

Its most prominent features are:

- separate plate and filament transformers
- six filter chokes
- six rectifying tubes
- highest quality film capacitors are used in a high voltage power supply that feeds the output stage
- refined soft-start and delay time circuitries
- an option to turn the amp on/off remotely using Lamm preamps

As mentioned above, the ML3 has no overall feedback loop; however, the amplifier features an option that allows a user to introduce small amount of local feedback in the output stage. Furthermore, there is a choice of two amounts of such feedback: NFB1 and NFB2, which differ in their levels. Therefore, a user has three options regarding feedback use in the amplifier: no feedback, NFB1 or NFB2.

A multiturn trimming potentiometer accessible through a special opening in the amplifier's chassis, along with a set of test points, allow a user to adjust and measure the plate current of the output tube via an external voltmeter.

Absolutely unique custom-made output transformer along with a unique output stage and sophisticated power supply allow the ML3 to drive most of the real world speakers and yield tremendous sonic stability under most dynamic conditions. Although the ML3 can drive most speakers, their full potential is realized in tandem with high efficiency speakers (92 dB and higher).

In conceiving and executing an overall design of the ML3, the goal was to utilize the modern technology and processes while recreating a look reminiscent of the long-gone genuine vacuum tube era. Each amplifier is carefully constructed and handcrafted of the finest materials and world class parts, some of which include military-graded DALE metal film resistors, PRC wirewound resistors, CADDOCK power film resistors; BOURNS multi-turn potentiometers; CORNELL DUBILIER and UNITED CHEMI-CON electrolytic capacitors, ELECTROCUBE, ROEDERSTEIN and ELCON film capacitors; HAMMOND chokes; gold-plated NEUTRIC and FISCHER connectors; military-graded low noise long life vacuum tubes.

Special attention was given to designing the plate and filament transformers that have no mechanical contact with either the transformer cover or the chassis, and are suspended in special encapsulant which almost completely absorbs even the residual mechanical vibrations. This plays a significant role in assuring the absolutely unique clarity and micro-resolution during sound reproduction.

Tube complements:

- one 12AX7/ECC83
- four 6N30P-DR / 6H30П – ДР (cyrillic)
- one GM70 / ГМ70 (cyrillic)
- six 12AX3/12BE3

The ML3 works on all world AC line voltages (100/120/220/230/240 V) and can be adjusted internally without elaborate modifications.

Suggested retail price: \$139,290.00/pair