

Rated Output Voltage*	
from 20Hz-20KHz:	1.0 Volts RMS.
Voltage Gain	
	7.87 ± 2% or 17.92 ± 0.2dB.
Frequency Response	
from 1-30 Volts RMS:	(+ 0dB) 20 Hz, 20 KHz. (- 3dB) 1.5 Hz, 400 KHz.
Slew Rate	
Vout=28.8 Volts peak-to-peak of square-wave signal, F=10KHz:	41 Volts per microsecond
Rise Time	
Vout=28.8 Volts peak-to-peak of square-wave signal, F=10KHz:	1 microsecond
Total Harmonic Distortion from 20 Hz - 20 KHz	
Vout = 2 Volts RMS:	no more than 0.03%
Vout = 30 Volts RMS:	no more than 1%
IM Distortion (60Hz:7KHz 4:1) SMPTE:	
Vout = 2 Volts RMS:	no more than 0.03%.
Vout = 30 Volts RMS into IHF load:	no more than 1%.
Inputs	
Unbalanced	gold plated single-ended RCA connectors.
Input Sensitivity*	
Vout = 1.0 Volts RMS:	0.127 Volts RMS ± 2%.
Input Impedance	
	50 KOhms ± 10%.
Outputs	
Unbalanced:	gold plated single-ended RCA connectors.
Corrected Output Impedance	
	typically 250 Ohms.
Noise	
signal-to-noise ratio, below 2 Volts RMS output, unweighted	better than 84 dB.
Operating Temperature	
	-4 to +104 degrees Fahrenheit (-20 to +40 degrees Celsius) ambient.
Power Supply	
nominal line voltage:	100-240 Volts, 50/60Hz.
Input voltage range:	±10%.
	One power transformer, one filter choke, one full-wave vacuum rectifier, one solid-state analog non-switching voltage regulator.
	AC voltage intensively filtered by special RFI power line filter.
Front/Rear Panel Controls:	
Front Panel Controls:	<ul style="list-style-type: none"> • POWER switch. • MUTING switch. • LEFT GAIN control. • RIGHT GAIN control. • SELECTOR switches. • MONITOR switch. • LED control.
Rear Panel Connectors and Controls:	<ul style="list-style-type: none"> • IEC 320 POWER INLET (3 lug). • EARTHING POST (gold plated). • Four pairs of INPUT CONNECTORS RCA for Line and Tape inputs. • Three pairs of OUTPUT CONNECTORS RCA for Tape, Output 1, and Output 2.
Features	
	<p>Pure class A vacuum tube design. All stages are single-ended.</p> <p>High-current drive capability, in combination with unique single-ended class A circuitry, guarantee the preamplifier to drive any cable and any reasonable real world load, while maintaining its practically inaudible sonic signature.</p> <p>This design is unique to LAMM INDUSTRIES, INC.</p>
AC voltage selector:	100/120/220/230/240 Volts, switchable on the rear panel.
Safety:	<p>Unique electronic protection circuit enables muting of the outputs until the preamplifier is stabilized after a turn-on, as well as functioning of the preamplifier in a "muting" mode during operation and automatic switching to muting in case the AC line drops or is interrupted.</p> <p>Vacuum tube voltage regulator overload protection:</p> <p>1 Amp slo-blo for 100/120 Volts, 0.5 Amps slo-blo for 220/230/240 Volts</p>
General	
Power Consumption:	Typically 40 Watts.
Burn-in Time at Factory:	Minimum 72 hours.
Recommended Burn-in Time in End-user's System:	Minimum 200 hours.
Warm-up time:	Minimum 45 minutes.
Dimensions (preamplifier and power supply have the same dimensions):	4.5 inches high x 19 inches wide x 13.875 deep + 1.375 inches for front handles.
Unit weight:	20 Lbs (9.1 Kg).
Shipping weight:	36 Lbs (16.3 Kg).
Tube Complement:	<ul style="list-style-type: none"> • V101 - 12AU7A (left channel, first amplification stage) • V103 - 6DJ8 (left channel, second amplification stage) • V102 - 12AU7A (right channel, first amplification stage) • V104 - 6DJ8 (right channel, second amplification stage) • V105 - 6X4/6202 (full wave voltage rectifier)