

Rated Output Voltage	
from 20Hz - 20 KHz into instrument load	1.1 Volts RMS
from 20Hz - 20 KHz into IHF load	1.1 Volts RMS
Frequency Response	
from 1-60 Volts RMS into instrument load	(-0.2dB) 20Hz, 20KHz (-3dB) 4Hz, 140KHz
from 1-30 Volts RMS into IHF load	(-0.2dB) 20Hz, 20KHz (-3dB) 5Hz, 120KHz
Slew Rate	
Vout=36 Volts peak-to-peak of square-wave signal, F=10KHz	30 Volts per microsecond
Rise Time	
Vout=36 Volts peak-to-peak of square wave signal, F=10KHz	1 microsecond
Total Harmonic Distortion from 20Hz-20KHz	
Vout=2 Volts RMS into instrument load	no more than 0.03%
Vout=60 Volts RMS into instrument load	no more than 1%
Vout=2 Volts RMS into IHF load	no more than 0.03%
Vout=30 Volts RMS into IHF load	no more than 1%
IM Distortion (60Hz:7KHz 4:1) SMPTE	
Vout=2 Volts RMS into instrument load	no more than 0.03%
Vout=60 Volts RMS into instrument load	no more than 1%
Vout=2 Volts RMS into IHF load	no more than 0.03%
Vout=30 Volts RMS into IHF load	no more than 1%
Voltage Gain	
	7.33 ± 2% or 13.3 ± 0.2dB
Inputs	
Unbalanced	brass, gold plated, single-ended RCA connectors
Input Sensitivity	
Vout=1.1 Volts RMS into instrument load	0.15 Volts RMS ± 2%
Vout=1.1 Volts RMS into IHF load	0.15 Volts RMS ± 2%
Input Impedance	
Input Impedance	41 KOhms
Outputs	
Unbalanced	brass, gold plated, single-ended RCA connectors
Balanced	3-pin gold plated XLR connectors
Corrected Output Impedance	
Corrected output impedance	typically 130 Ohms
Noise	
signal-to-noise ratio, below 2 Volts RMS output, unweighted	better than 82 dB
Operating Temperature	
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 high-speed vacuum tube regulator, one solid-state analog non-switching voltage regulator
	AC voltage intensively filtered by special RFI power line filter
Front and Rear Panel Controls	
Front Panel Controls	<ul style="list-style-type: none"> • POWER switch combined with a • MUTING switch. • LEFT GAIN control. • RIGHT GAIN control. • OUTPUT LEVEL control. • SELECTOR switch. • MONITOR switch. • RECORD switch. • MODE switch. • ABSOLUTE PHASE switch. • REMOTE turn-on/off switch for Lamm power amplifiers. • LED control.
Rear Panel Connectors and Controls	<ul style="list-style-type: none"> • POWER ENTRY MODULE that includes power cord socket (3 lug), mains voltage selector, and mains fuse holder. • Two AC OUTLETS, unswitched. • Two REMOTE CONTROL PLUGS. • EARTHING POST (gold plated). • Seven pairs of INPUT CONNECTORS RCA for Tape 1, Tape 2, and line inputs. • Two pairs of OUTPUT CONNECTORS RCA for Tape 1 and Tape 2. • One pair of OUTPUT CONNECTORS RCA (unbalanced output). • One pair of XLR CONNECTORS (balanced output).
Features	
Remote Control	Special built-in circuit enables the remote turn on/off of Lamm power amplifiers.
Safety	Available remote link cable coordinates the remote functions of two or more amplifiers. 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.
	Vacuum tube voltage regulator overload protection: 0.125 Amps slo-blow fuse, internally mounted.
AC voltage selector	100/120/220/240 Volts, switchable on the rear panel
General	
Power Consumption	Typically 65 Watts.
Burn-in Time at Factory	Minimum 72 hours.
Dimensions	4.5 inches high by 19 inches wide by 13.875 deep + 1.375 inches for front handles.
Unit weight	21 Lbs (9.53 Kg).
Shipping weight	37 Lbs. (16.8 Kg).
Tube Complement	12AX7/ECC83, voltage regulator tube. 6C19P, voltage regulator tube. 5651, voltage reference tube.