Rated Output Voltage	
Voltage Gain	1 Volt RMS.
	7.43 ± 2% or 17.43 ± 0.2dB.
Attenuation	3.98 ± 2% or 12 ± 0.17dB.
Absolute Phase	Inverting.
Frequency Response from 1-50 Volts RMS into 41-KOhm load	(-0.1dB) 20 Hz - 20 KHz.
Slew Rate	(-3dB) 5 Hz -140 KHz.
Vout=36 Volts peak-to-peak of square-wave signal, F=10KHz; into 41-KOhm load	47 Volts per microsecond.
Rise Time	
Vout=36 Volts peak-to-peak of square-wave signal, F=10KHz; into 41-KOhm load	0.61 microseconds.
Total Harmonic Distortion from 20 Hz - 20 KHz	
Vout=1 Volt RMS into 41-KOhm load Vout=50 Volts RMS into 41-KOhm load Vout=1 Volt RMS into instrument load	no more than 0.03% no more than 1%
Vout=1 Volt RMS into instrument load  Vout=1 Volt RMS in to instrument load  Vout=1 Volt RMS into IHF load  Vout=30 Volts RMS into IHF load	no more than 0.03% no more than 1% no more than 0.03% no more than 1%
IM Distortion (60Hz:7KHz 4:1) SMPTE:	
Vout = 1 Volt RMS into 41-KOhm load Vout = 10 Volts RMS into 41-KOhm load Vout = 1 Volt RMS into instrument load	no more than 0.09%. no more than 1% n o more than 0.09%
Vout = 10 Volts RMS into instrument load  Vout = 1 Volt RMS into IHF load  Vout = 10 Volts RMS into IHF load	no more than 1% no more than 0.09% no more than 1%
Inputs	
Unbalanced Input Sensitivity	gold plated single-ended RCA connectors.
Vout = 1 Volt RMS into 41-KOhm load	0.135 Volts RMS ± 2%.
Input Impedance F=1KHz	Typically 16.5 KOhms.
Outputs Unbalanced	gold plated single-ended RCA connectors.
Unbalanced Pseudo-balanced	3-pin gold plated XLR connectors.  Pin assignment: pin 1 = signal ground;
	pin 2 = signal output; pin 3 = not connected.
Corrected Output Impedance F=1KHz	typically 200 Ohms.
Noise	
signal-to-noise ratio, below 2 Volts RMS output, unweighted signal-to-noise ratio, below 2 Volts RMS output, 22Hz - 22KHz	better than 87 dB. better than 90 dB.
signal-to-noise ratio, below 2 Volts RMS output, A- weighted	better than 97 dB.
Operating Temperature	-4 to +104 degrees Fahrenheit
Power Supply	(-20 to +40 degrees Celsius) ambient.
nominal line voltage	100-240 Volts, 50/60Hz. ±10%.
	One power transformer, two vacuum tube rectifiers, four filter chokes, one high voltage (350 vdc) high energy power supply, two solid-state analog non-switching voltage regulators.
	AC voltage intensively filtered by special RFI power line filter.
Front/Rear Preamplifier	
Front Panel Controls	LED control.      OUTPUT LEVEL control.      SELECTOR switches.
	MONITOR switches.
	ATTENUATOR (-12dB) switch.      MUTING switch.
	ATTENUATOR (-12dB) switch.
Rear Panel Connectors and Controls	ATTENUATOR (-12dB) switch.      MUTING switch.      OUTPUT 1 switch.
Rear Panel Connectors and Controls	ATTENUATOR (-12dB) switch.  MUTING switch.  OUTPUT 1 switch.  OUTPUT 2 switch.  Four INPUT CONNECTORS RCA for line inputs and TAPE (play).  One OUTPUT CONNECTOR RCA for TAPE (record).
Rear Panel Connectors and Controls  Front/Rear  Preamplifier Power Supply	ATTENUATOR (-12dB) switch.  MUTING switch.  OUTPUT 1 switch.  OUTPUT 2 switch.  Four INPUT CONNECTORS RCA for line inputs and TAPE (play).  One OUTPUT CONNECTOR RCA for TAPE (record).  Three OUTPUT CONNECTORS RCA (single-ended outputs).  Three gold-plated XLR CONNECTORS (pseudo-balanced outputs).  One XLR CONNECTOR (6 pins, gold-plated) for connecting the
Front/Rear	ATTENUATOR (-12dB) switch.  MUTING switch.  OUTPUT 1 switch.  OUTPUT 2 switch.  Four INPUT CONNECTORS RCA for line inputs and TAPE (play).  One OUTPUT CONNECTOR RCA for TAPE (record).  Three OUTPUT CONNECTORS RCA (single-ended outputs).  Three gold-plated XLR CONNECTORS (pseudo-balanced outputs).  One XLR CONNECTOR (6 pins, gold-plated) for connecting the power supply cable.  POWER switch.  OUTLETS switch.  REMOTE 1 turn-on/off switch for LAMM power amplifiers.
Front/Rear Preamplifier Power Supply	ATTENUATOR (-12dB) switch.  MUTING switch.  OUTPUT 1 switch.  OUTPUT 2 switch.  Four INPUT CONNECTORS RCA for line inputs and TAPE (play).  One OUTPUT CONNECTOR RCA for TAPE (record).  Three OUTPUT CONNECTORS RCA (single-ended outputs).  Three gold-plated XLR CONNECTORS (pseudo-balanced outputs).  One XLR CONNECTOR (6 pins, gold-plated) for connecting the power supply cable.  POWER switch.  OUTLETS switch.
Front/Rear Preamplifier Power Supply	ATTENUATOR (-12dB) switch.  MUTING switch.  OUTPUT 1 switch.  OUTPUT 2 switch.  Four INPUT CONNECTORS RCA for line inputs and TAPE (play).  One OUTPUT CONNECTOR RCA for TAPE (record).  Three OUTPUT CONNECTORS RCA (single-ended outputs).  Three gold-plated XLR CONNECTORS (pseudo-balanced outputs).  One XLR CONNECTOR (6 pins, gold-plated) for connecting the power supply cable.  POWER switch.  OUTLETS switch.  REMOTE 1 turn-on/off switch for LAMM power amplifiers.  REMOTE 2 turn-on/off switch for LAMM power amplifiers.  Four LED controls.  IEC 320 POWER INLET (3 lug).  Two AC OUTLETS, switched.  One XLR CONNECTOR (6 pins, gold-plated) for connecting the power supply cable.
Front/Rear Preamplifier Power Supply Front Panel Controls	ATTENUATOR (-12dB) switch.  MUTING switch.  OUTPUT 1 switch.  OUTPUT 2 switch.  Four INPUT CONNECTORS RCA for line inputs and TAPE (play).  One OUTPUT CONNECTOR RCA for TAPE (record).  Three OUTPUT CONNECTORS RCA (single-ended outputs).  Three gold-plated XLR CONNECTORS (pseudo-balanced outputs).  One XLR CONNECTOR (6 pins, gold-plated) for connecting the power supply cable.  POWER switch.  POWER switch.  REMOTE 1 turn-on/off switch for LAMM power amplifiers.  REMOTE 2 turn-on/off switch for LAMM power amplifiers.  Four LED controls.  IEC 320 POWER INLET (3 lug).  Two AC OUTLETS, switched.  One XLR CONNECTOR (6 pins, gold-plated) for connecting the power
Front/Rear Preamplifier Power Supply Front Panel Controls	ATTENUATOR (-12dB) switch.  MUTING switch.  OUTPUT 1 switch.  OUTPUT 2 switch.  Four INPUT CONNECTORS RCA for line inputs and TAPE (play).  One OUTPUT CONNECTOR RCA for TAPE (record).  Three OUTPUT CONNECTORS RCA (single-ended outputs).  Three gold-plated XLR CONNECTORS (pseudo-balanced outputs).  One XLR CONNECTOR (6 pins, gold-plated) for connecting the power supply cable.  POWER switch.  OUTLETS switch.  REMOTE 1 turn-on/off switch for LAMM power amplifiers.  Four LED controls.  IEC 320 POWER INLET (3 lug).  Two AC OUTLETS, switched.  One XLR CONNECTOR (6 pins, gold-plated) for connecting the power supply cable.  Two REMOTE CONTROL plugs.  EARTHING POST (gold plated).
Front/Rear Preamplifier Power Supply  Front Panel Controls  Rear Panel Connectors and Controls	ATTENUATOR (-12dB) switch.  MUTING switch.  OUTPUT 1 switch.  OUTPUT 2 switch.  Four INPUT CONNECTORS RCA for line inputs and TAPE (play).  One OUTPUT CONNECTOR RCA for TAPE (record).  Three OUTPUT CONNECTORS RCA (single-ended outputs).  Three gold-plated XLR CONNECTORS (pseudo-balanced outputs).  One XLR CONNECTOR (6 pins, gold-plated) for connecting the power supply cable.  POWER switch.  REMOTE 1 turn-on/off switch for LAMM power amplifiers.  REMOTE 2 turn-on/off switch for LAMM power amplifiers.  Four LED controls.  IEC 320 POWER INLET (3 lug).  Two AC OUTLETS, switched.  One XLR CONNECTOR (6 pins, gold-plated) for connecting the power supply cable.  Two REMOTE CONTROL plugs.  EARTHING POST (gold plated).  Pure class A, single-stage zero feedback design, providing the shortest signal path possible.  Four low internal impedance (about 800 Ohms per triode!) very linear medium-mu due triodes are connected in parallel, thus minimizing the internal noise of the preamplifier and ensuring
Front/Rear Preamplifier Power Supply  Front Panel Controls  Rear Panel Connectors and Controls	ATTENUATOR (-12dB) switch.  MUTING switch.  OUTPUT 1 switch.  OUTPUT 2 switch.  Four INPUT CONNECTORS RCA for line inputs and TAPE (play).  One OUTPUT CONNECTOR RCA for TAPE (record).  Three OUTPUT CONNECTORS RCA (single-ended outputs).  Three gold-plated XLR CONNECTORS (pseudo-balanced outputs).  One XLR CONNECTOR (6 pins, gold-plated) for connecting the power supply cable.  POWER switch.  OUTLETS switch.  REMOTE 1 turn-on/off switch for LAMM power amplifiers.  REMOTE 2 turn-on/off switch for LAMM power amplifiers.  Four LED controls.  IEC 320 POWER INLET (3 lug).  Two AC OUTLETS, switched.  One XLR CONNECTOR (6 pins, gold-plated) for connecting the power supply cable.  Two REMOTE CONTROL plugs.  EARTHING POST (gold plated).  Pure class A, single-stage zero feedback design, providing the shortest signal path possible.  Four low internal impedance (about 800 Ohms per triode!) very linear medium-mu duo triodes are connected in parallel, thus minimizing the internal noise of the preamplifier and ensuring the unprecedentedly low output impedance for this type of topology.  High-current drive capability, in combination with unique single-ended class A circuitry, assure the preamplifier's capability to
Front/Rear Preamplifier Power Supply  Front Panel Controls  Rear Panel Connectors and Controls	ATTENUATOR (-12dB) switch.  MUTING switch.  OUTPUT 1 switch.  OUTPUT 2 switch.  Four INPUT CONNECTORS RCA for line inputs and TAPE (play).  One OUTPUT CONNECTOR RCA for TAPE (record).  Three OUTPUT CONNECTORS RCA (single-ended outputs).  Three OUTPUT CONNECTORS RCA (single-ended outputs).  One XLR CONNECTOR (6 pins, gold-plated) for connecting the power supply cable.  POWER switch.  OUTLETS switch.  REMOTE 1 turn-on/off switch for LAMM power amplifiers.  REMOTE 2 turn-on/off switch for LAMM power amplifiers.  Four LED controls.  IEC 320 POWER INLET (3 lug).  Two AC OUTLETS, switched.  One XLR CONNECTOR (6 pins, gold-plated) for connecting the power supply cable.  Two REMOTE CONTROL plugs.  EARTHING POST (gold plated).  Pure class A, single-stage zero feedback design, providing the shortest signal path possible.  Four low internal impedance (about 800 Ohms per triodel) very linear medium-mu duo triodes are connected in parallel, thus minimizing the internal noise of the preamplifier and ensuring the unprecedentedly low output impedance for this type of topology.  High-current drive capability, in combination with unique single-ended class A circuitry, assure the preamplifier's capability to drive any cable and any real world load, while maintaining its practically inaudible sonic signature.  Specially designed damping panel installed in the LL1 Signature preamplifier effectively isolates all sensitive
Front/Rear Preamplifier Power Supply  Front Panel Controls  Rear Panel Connectors and Controls	ATTENUATOR (-12dB) switch.  MUTING switch.  OUTPUT 1 switch.  OUTPUT 2 switch.  Four INPUT CONNECTORS RCA for line inputs and TAPE (play).  One OUTPUT CONNECTOR RCA for TAPE (record).  Three OUTPUT CONNECTORS RCA (single-ended outputs).  Three gold-plated XLR CONNECTORS (pseudo-balanced outputs).  One XLR CONNECTOR (6 pins, gold-plated) for connecting the power supply cable.  POWER switch.  OUTLETS switch.  REMOTE 1 tum-on/off switch for LAMM power amplifiers.  Four LED controls.  IEC 320 POWER INLET (3 lug).  Two AC OUTLETS, switched.  One XLR CONNECTOR (6 pins, gold-plated) for connecting the power supply cable.  Two REMOTE CONTROL plugs.  EARTHING POST (gold plated).  Pure class A, single-stage zero feedback design, providing the shortest signal path possible.  Four low internal impedance (about 800 Ohms per triode!) very linear medium-mu duo triods are connected in parallel, thus minimizing the internal noise of the preamplifier and ensuring the unprecedentedly low output impedance for this type of topology.  High-current drive capability, in combination with unique single-ended class A circuitry, assure the preamplifier's capability to drive any cable and any real world load, while maintaining its practically inaudible sonic signature.  Specially designed damping panel installed in the
Front/Rear Preamplifier Power Supply  Front Panel Controls  Rear Panel Connectors and Controls	ATTENUATOR (-12dB) switch.  MUTING switch.  OUTPUT 1 switch.  OUTPUT 2 switch.  Four INPUT CONNECTORS RCA for line inputs and TAPE (play).  One OUTPUT CONNECTORS RCA for TAPE (record).  Three OUTPUT CONNECTORS RCA (single-ended outputs).  Three gold-plated XLR CONNECTORS (pseudo-balanced outputs).  One XLR CONNECTOR (6 pins, gold-plated) for connecting the power supply cable.  POWER switch.  OUTLETS switch.  REMOTE 1 turn-on/off switch for LAMM power amplifiers.  REMOTE 2 turn-on/off switch for LAMM power amplifiers.  Four LED controls.  IEC 320 POWER INLET (3 lug).  Two AC OUTLETS, switched.  One XLR CONNECTOR (6 pins, gold-plated) for connecting the power supply cable.  Two REMOTE CONTROL plugs.  EARTHING POST (gold plated).  Pure class A, single-stage zero feedback design, providing the shortest signal path possible.  Four low internal impedance (about 800 Ohms per triode!) very linear medium-mu duo triodes are connected in parallel, thus minimizing the internal noise of the preamplifier and ensuring the unprecedentedly low output impedance for this type of topology.  High-current drive capability, in combination with unique single-ended class A circuitry, assure the preamplifier's capability to drive any cable and any real world load, while maintaining its practically inaudible sonic signature.  Specially designed damping panel installed in the LL1 Signature preamplifier effectively isolates all sensitive electronic components from any induced resonances.  Absolutely outstanding signal-ro-noise ratio makes the LL1 Signature one of the quietest line-stage preamplifiers
Front/Rear Preamplifier Power Supply  Front Panel Controls  Rear Panel Connectors and Controls  Features	ATTENUATOR (-12dB) switch.  MUTING switch.  OUTPUT 1 switch.  OUTPUT 2 switch.  Four INPUT CONNECTORS RCA for line inputs and TAPE (play).  One OUTPUT CONNECTOR RCA for TAPE (record).  Three OUTPUT CONNECTOR RCA for TAPE (record).  Three gold-plated XLR CONNECTORS (pseudo-balanced outputs).  One XLR CONNECTOR (6 pins, gold-plated) for connecting the power supply cable.  POWER switch.  REMOTE 1 turn-on/off switch for LAMM power amplifiers.  REMOTE 2 turn-on/off switch for LAMM power amplifiers.  Four LED controls.  IEC 320 POWER INLET (3 lug).  Two AC OUTLETS, switched.  One XLR CONNECTOR (6 pins, gold-plated) for connecting the power supply cable.  Two REMOTE CONTROL plugs.  EARTHING POST (gold plated).  Pure class A, single-stage zero feedback design, providing the shortest signal path possible.  Four low internal impedance (about 800 Ohms per triodel) very linear medium-mu duo triodes are connected in parallel, thus minimizing the internal noise of the preemplifier and ensuring the unprecedentedly low output impedance for this type of topology.  High-current drive capability, in combination with unique single-ended class & circuitry, assure the preamplifier's capability to drive any cable and any real world load, while maintaining its practically inaudible sonic signature.  Specially designed damping panel installed in the L1 Signature preamplifier effectively isolates all sensitive electronic components from any induced resonances.  Absolutely outstanding signal-to-noise ratio makes the L1 Signature one of the quietest fine-stage preamplifiers available on the market.
Front/Rear Preamplifier Power Supply  Front Panel Controls  Rear Panel Connectors and Controls	ATTENUATOR (-12dB) switch.  MUTING switch.  OUTPUT 1 switch.  OUTPUT 2 switch.  Four INPUT CONNECTORS RCA for line inputs and TAPE (play).  One OUTPUT CONNECTOR RCA for TAPE (record).  Three OUTPUT CONNECTORS RCA (single-ended outputs).  Three gold-plated XLR CONNECTORS (pseudo-balanced outputs).  One XLR CONNECTOR (6 pins, gold-plated) for connecting the power supply cable.  POWER switch.  OUTLETS switch.  REMOTE 1 turn-on/off switch for LAMM power amplifiers.  Four LED controls.  IEC 320 POWER INLET (3 lug).  Two AC OUTLETS, switched.  One XLR CONNECTOR (6 pins, gold-plated) for connecting the power supply cable.  Two REMOTE CONTROL plugs.  EARTHING POST (gold plated).  Pure class A, single-stage zero feedback design, providing the shortest signal path possible.  Four low internal impedance (about 800 Ohms per triode!) very linear medium-mu duo triodes are connected in parallel, thus minimizing the internal noise of the preamplifier and ensuring the unprecedentedly low output impedance for this type of topology.  High-current drive capability, in combination with unique single-ended class A circuitry, assure the preamplifier and ensuring the unprecedentedly low output impedance for this type of topology.  Specially designed damping panel installed in the LL1 Signature preamplifier effectively isoclates all sensitive electronic components from any induced resonances.  Absolutely outstanding signal-to-noise ratio makes the LL1 Signature one of the quietest line-stage preamplifiers available on the market.
Front/Rear Preamplifier Power Supply  Front Panel Controls  Rear Panel Connectors and Controls  Features  AC voltage selector	ATTENUATOR (-12dB) switch.  MUTING switch.  OUTPUT 1 switch.  OUTPUT 2 switch.  Four INPUT CONNECTOR RCA for line inputs and TAPE (play).  One OUTPUT CONNECTOR RCA for TAPE (record).  Three OUTPUT CONNECTOR RCA for TAPE (record).  Three gold-plated XLR CONNECTORS (pseudo-balanced outputs).  One XLR CONNECTOR (6 pins, gold-plated) for connecting the power supply cable.  POWER switch.  REMOTE 1 turn-on/off switch for LAMM power amplifiers.  REMOTE 2 turn-on/off switch for LAMM power amplifiers.  Four LED controls.  IEC 320 POWER INLET (3 lug).  Two AC OUTLETS, switched.  One XLR CONNECTOR (6 pins, gold-plated) for connecting the power supply cable.  Two REMOTE CONTROL plugs.  EARTHING POST (gold plated).  Pure class A, single-stage zero feedback design, providing the shortest signal path possible.  Four low internal impedance (about 800 Ohms per triodel) very linear medium-mu duo triodes are connected in parallel, thus minimizing the internal noise of the preemplifier and ensuring the unpracedentedly low output impedance for this type of topology.  High-current drive capability, in combination with unique single-ended class A circuitry, assure the preamplifier's capability to drive any cable and any real world load, while maintaining its practically inaudible sonic signature.  Specially designed damping panel installed in the L11 Signature preamplifier effectively isolates all sensitive electronic components from any induced resonances.  Absolutely outstanding signal-to-noise ratio makes the L11 Signature one of the quietest line-stage preamplifiers available on the market.  This design is unique to LAMM INDUSTRIES, INC.
Front/Rear Preamplifier Power Supply  Front Panel Controls  Rear Panel Connectors and Controls  Features  AC voltage selector	ATTENUATOR (-12dB) switch.  MUTING switch.  OUTPUT 1 switch.  OUTPUT 2 switch.  Four INPUT CONNECTORS RCA for line inputs and TAPE (play).  One OUTPUT CONNECTORS RCA (single-ended outputs).  Three OUTPUT CONNECTORS RCA (single-ended outputs).  Three OUTPUT CONNECTORS RCA (single-ended outputs).  Three gold-plated XLR CONNECTORS (pseudo-balanced outputs).  One XLR CONNECTOR (6 pins, gold-plated) for connecting the power supply cable.  POWER switch.  REMOTE 1 turn-on/off switch for LAMM power amplifiers.  REMOTE 2 turn-on/off switch for LAMM power amplifiers.  Four LED controls.  IEC 320 POWER INLET (3 lug).  Two AC OUTLETS, switched.  One XLR CONNECTOR (6 pins, gold-plated) for connecting the power supply cable.  Two REMOTE CONTROL plugs.  EARTHING POST (gold plated).  Pure class A, single-stage zero feedback design, providing the shortest signal path possible.  Four low internal impediance (about 800 Ohms per triodel) very linear medium-mu duo triodes are connected in parallel, thus minimizing the internal roise of the preamplifier and ensuring the unprecedentedly low output impedance for this type of topology.  High-current drive capability, in combination with unique single-ended class A circultry, assure the preamplifier's capability to drive any cable and any real world load, while maintaining its practically inaucible source isgnature.  Specially designed damping panel installed in the LL1 Signature preamplifier affectively isolates all sensitive electronic components from any induced resonances.  Absolutely outstanding signal-to-noise ratio makes the LL1 Signature preamplifier from any induced resonances.  Absolutely outstanding signal-to-noise ratio makes the LL1 Signature one of the quietest line-stage preamplifiers available on the market.  This design is unique to LAMM INDUSTRIES, INC.
Front/Rear Preamplifier Power Supply  Front Panel Controls  Rear Panel Connectors and Controls  Features  AC voltage selector  Remote Control	ATTENUATOR (-12dB) switch.  MUTING switch.  OUTPUT 1 switch.  OUTPUT 2 switch.  Four INPUT CONNECTORS RCA for line inputs and TAPE (play).  One OUTPUT CONNECTORS RCA (single-ended outputs).  Three OUTPUT CONNECTORS RCA (single-ended outputs).  Three OUTPUT CONNECTORS RCA (single-ended outputs).  One XLR CONNECTOR (6 pins, gold-plated) for connecting the power supply cable.  POWER switch.  OUTLETS switch.  REMOTE 1 turn-on/off switch for LAMM power amplifiers.  REMOTE 2 turn-on/off switch for LAMM power amplifiers.  Four LED controls.  IEC 320 POWER INLET (3 lug).  Two AC OUTLETS, switched.  One XLR CONNECTOR (6 pins, gold-plated) for connecting the power supply cable.  Two REMOTE CONTROL plugs.  Two REMOTE CONTROL plugs.  EARTHING POST (gold plated).  Pure class A, single-stage zero feedback design, providing the shortest signal path possible.  Four low internal impedance (about 800 Ohms per triodel) very linear medium-mu duo triodes are connected in parallel, thus minimizing the internal noise of the preamplifier and ensuring the urpercedentedly low output impedance for this type of topology.  High-current drive capability, in combination with unique single-ended class A circuitry, assure the preamplifier agability to drive any cable and any real world load, while maintaining its practically inaudible sonic signature.  Specially designed damping panel installed in the LL1 Signature preamplifier effectively isolates all sensitive electronic components from any induced resonances.  Absolutely outstanding signal-to-noise ratio makes the LL1 Signature preamplifier effectively isolates all sensitive electronic components from any induced resonances.  Absolutely outstanding a signal-to-noise ratio makes the L1 Signature one of the quietest line-stage preamplifiers available on the market.  This design is unique to LAMM INDUSTRIES, INC.
Front/Rear Preamplifier Power Supply  Front Panel Controls  Rear Panel Connectors and Controls  Features  AC voltage selector  Remote Control	ATTENUATOR (-12dB) switch.  MUTING awitch.  OUTPUT 1 switch.  OUTPUT 2 switch.  Four INPUT CONNECTORS RCA for line inputs and TAPE (play).  One OUTPUT CONNECTOR RCA for TAPE (necord).  Three OUTPUT CONNECTORS RCA (single-ended outputs).  Three OUTPUT CONNECTORS RCA (single-ended outputs).  Three OUTPUT CONNECTOR (6 pins, gold-plated) for connecting the power supply cable.  POWER switch.  OUTLETS switch.  REMOTE 1 turn-on/off switch for LAMM power amplifiers.  REMOTE 2 turn-on/off switch for LAMM power amplifiers.  Four LED controls.  IEC 320 POWER INLET (3 lug).  Two AC OUTLETS, switched.  One XLR CONNECTOR (6 pins, gold-plated) for connecting the power supply cable.  Two REMOTE CONTROL plugs.  EARTHING POST (gold plated).  Pure class A, single-stage zero feedback design, providing the shortest signal path possible.  Four low internal impedance (about 800 Ohms per triode) very linear medium-mu duo triodes are connected in parallel, thus minimizing the internal noise of the preamplifier and ensuring the unprecedentedly tow cuptut impedance for this type of lapology.  High-current drive capability, in combination with unique single-ended class A circuitry, assure the preamplifier and ensuring the unprecedentedly tow cuptut impedance for this type of lapology.  High-current drive capability, in combination with unique single-ended class A circuitry, assure the preamplifier as capability to drive any cable and any real world load, while maintaining its practically inaucible sonic signature.  Specially designed damping panel installed in the LL1 Signature preamplifier effectively isolates all sensitive electronic components from any induced resonances.  Absolutely outstanding signal-to-noise ratio makes the LL1 Signature one of the quietest line-stage preamplifiers available on the market.  This design is unique to LAMM INDUSTRIES, INC.  Initial design is unique to LAMM INDUSTRIES, INC.  Piate voltage overload protection: corruption or as the AC line drops and as interrupted.  Piate voltage overload protection:
Front/Rear Preamplifier Power Supply  Front Panel Controls  Rear Panel Connectors and Controls  Features  AC voltage selector  Remote Control	ATTENUATOR (-124B) switch.  MUTING switch.  OUTPUT I switch.  OUTPUT I switch.  OUTPUT connectors RCA for line inputs and TAPE (play).  One OUTPUT CONNECTORS RCA for line inputs and TAPE (play).  One OUTPUT CONNECTOR RCA (single-ended outputs).  Three OUTPUT CONNECTORS RCA (single-ended outputs).  Three OUTPUT CONNECTORS RCA (single-ended outputs).  One XLR CONNECTOR (6 pins, gold-plated) for connecting the power supply cable.  POWER switch.  OUTLETS switch.  REMOTE 1 turn-on/off switch for LAMM power amplifiers.  REMOTE 2 turn-on/off switch for LAMM power amplifiers.  Four LED controls.  I IEC 320 POWER INLET (3 lug).  Two AC OUTLETS, switched.  One XLR CONNECTOR (6 pins, gold-plated) for connecting the power supply cable.  Two REMOTE CONTROL plugs.  EARTHING POST (gold plated).  Pure class A, single-stage zero feedback design, providing the shortest signal path possible.  Four low internal impodence (about 800 Ohms per blodal) very linear medium-mu dun brieds are connected in parallel, thus minimizing the internal noise of the preamplifier and ensuring the unprecedentedly low output impedance for this type of topology.  High-current drive capability, in combination with unique single-ended class A circuity, assure the preamplifier and ensuring the unprecedentedly low output impedance for this type of topology.  High-current drive capability, in combination with unique single-ended class A circuity, assure the preamplifier as ensuring the unprecedented by outstanding signal-to-noise ratio makes the LL1 Signature one of the quietest line-stage preamplifiers available on the market.  This design is unique to LAMM INDUSTRIES, INC.  Unique electronic protection circuit enables muting of the outputs until the preamplifier is stabilized after a turn-on, as wall as functioning of the preamplifier is unique for available continued to the current of the outputs until the preamplifier is attailized after a turn-on,
Front/Rear Preamplifier Power Supply  Front Panel Controls  Rear Panel Connectors and Controls  Features  AC voltage selector  Remote Control  Safety	ATTENUATOR (-12dB) switch.  MUTING switch.  OUTPUT I switch.  OUTPUT I switch.  OUTPUT CONNECTORS RCA for line inputs and TAPE (play).  One OUTPUT CONNECTORS RCA for TAPE (record).  Three OUTPUT CONNECTORS RCA (single-ended outputs).  Three OUTPUT CONNECTOR RCA (single-ended outputs).  Three OUTPUT CONNECTOR (6 pins, gold-plated) for connecting the power supply cable.  POWER switch.  OUTLETS switch.  REMOTE 1 turn-on/off switch for LAMM power amplifiers.  REMOTE 2 turn-on/off switch for LAMM power amplifiers.  REMOTE 2 turn-on/off switch for LAMM power amplifiers.  Four LED controls.  I IEC 320 POWER INLET (3 lug).  Two RAMOTE CONNECTOR (6 pins, gold-plated) for connecting the power supply cable.  Two REMOTE CONTROL plugs.  EARTHING POST (gold plated).  Pure class A, single-stage zero feedback design, providing the shortest signal path possible.  Four low internal importance (about 800 Ohms per blocks) very linear medium-mu dun brieds are connected in parallel, thus minimizing the internal noise of the preamplifier and ensuring the unprecedentedly low output impedance for this type of topology.  High-current drive capability, in combination with unique single-ended class A circuity, assure the preamplifier and ensuring the unprecedentedly linearlier some singular.  Specially designed damping panel installed in the LL1 Signature one of the cignature.  Specially designed damping panel installed in the LL1 Signature one of the cignature.  Specially outstanding signal-to-noise ratio makes the LL1 Signature one of the cignature.  Specially outstanding signal-to-noise ratio makes the LL1 Signature one of the cignature.  Specially designed terminal makes the remote functions of two or more amplifiers.  Available remote link cable coordinates the remote functions of two or more amplifiers.  Available remote link cable coordinates the remote functions of two or more amplifiers.  Available remote link cable condinating on multing in case the AC internal policy is internally only the outputs until the preamplifier is att
Front/Rear Preamplifier Power Supply  Front Panel Controls  Rear Panel Connectors and Controls  Features  AC voltage selector  Remote Control  Safety  Power Consumption	ATTENUATOR (-12dB) switch.  MUTING switch.  OUTPUT 1 switch.  OUTPUT 1 switch.  OUTPUT 2 switch.  Four INPUT CONNECTORS RCA for line inputs and TAPE (play).  One OUTPUT CONNECTORS RCA (gingle-ended outputs).  Three OUTPUT CONNECTOR RCA for TAPE (record).  Three OUTPUT CONNECTOR RCA (gingle-ended outputs).  One XLR CONNECTOR (pins, gold-plated) for connecting the power supply cable.  POWER switch.  OUTLETS switch.  PREMOTE 1 turn-on/off switch for LAMM power amplifiers.  REMOTE 2 turn-on/off switch for LAMM power amplifiers.  REMOTE 2 turn-on/off switch for LAMM power amplifiers.  Four LED controls.  Pure Cass A counters, switched.  One XLR CONNECTOR (6 pins, gold-plated) for connecting the power supply cable.  Two REMOTE CONTROL plugs.  EARTHING POST (gold plated).  Pure class A, single-stage zero feedback design, providing the shortest signal path possible.  Four low internal impedence (about 800 Ohms per triodal) very linear mediam-mut don friends are connected in parallel, thus minimizing the internal noise of the preamplifier and ensuring the unprecedentedly low output impedence for this type of topology.  High-current drive capability, in combination with unique single-ended class A circuity, assure the preamplifier's capability to a practically insudible sonic signature.  Specially designed damping panel installed in the LL1 Signature preamplifier effectively isolates all sensitive electronic components from any induced resonances.  Absolutely outstanding signatel-consist ratio makes the L1 Signature preamplifier is stable time-stage preamplifiers available on the market.  This design is unique to LAMM INDUSTRIES, INC.  Unique electronic protection circuit enables the remote functions of two or more amplifiers.  Available remote link cable coordinates the remote functions of two or more amplifiers.  Plate voltage overload protection:  0.3 Amps slo-blo fuse, internally mounted.  AC voltage fases:  2 Amps slo-blo fuse, internally mounted.  AC coltage fases:
Front/Rear Preamplifier Power Supply.  Front Panel Controls  Rear Panel Connectors and Controls  Features  AC voltage selector  Remote Control  Safety  General  Power Consumption  Burn-in Time at Factory  Recommended Burn-in Time in End-user's System  Warm-up time  Unit dimensions	ATTENUATOR (-12dB) switch.  MITING switch.  OUTPUT 1 switch.  OUTPUT 1 switch.  OUTPUT 2 switch.  Four INPUT CONNECTORS RCA for line inputs and TAPE (play).  One OUTPUT CONNECTOR RCA for TAPE (vecord).  Three OUTPUT CONNECTOR RCA for TAPE (vecord).  Three OUTPUT CONNECTOR RCA for face (vecord).  Three OUTPUT CONNECTOR (a pins, gold-plated) for connecting the power supply cable.  POWER switch.  OUTLETS switch.  REMOTE 1 turn-onloff switch for LAMM power amplifiers.  REMOTE 1 turn-onloff switch for LAMM power amplifiers.  REMOTE 2 turn-onloff switch for LAMM power amplifiers.  REMOTE 2 turn-onloff switch for LAMM power amplifiers.  REMOTE 1 turn-onloff switch for LAMM power amplifiers.  REMOTE 2 turn-onloff switch for LAMM power amplifiers and entire turn supply cable.  Four low reternal impedance (about 800 Ohms per triodel) very linear medium-mud up triodes are connected in parallel, thus minimizing the internal noise of the presemplifier and enturing the unprecedented ylow curved impedance for this type of laphage.  Four low reternal noise of the presemplifier and ensuring the supply cable and any real switch land, with unique single-ended class A circuity, assure the presemplifier and ensuring the parallel, thus minimizing in such class society and such class should be society and such class shoul
Front/Rear Preamplifier Power Supply.  Front Panel Controls  Rear Panel Connectors and Controls  Features  AC voltage selector  Remote Control  Safety  General  Power Consumption  Burn-in Time at Factory  Recommended Burn-in Time in End-user's System  Warm-up time	ATTENUATOR (-12dB) switch.  MITNING switch.  OUTPUT 2 switch.  Four INPUT CONNECTORS RCA for line inputs and TAPE (play).  One OUTPUT CONNECTORS RCA for free inputs and TAPE (play).  One OUTPUT CONNECTORS RCA (single-anded outputs).  Three gold-plated XLR CONNECTORS (Rcs (single-anded outputs).  Three gold-plated XLR CONNECTORS (pseudo-balanced outputs).  One XLR CONNECTOR (pins, gold-plated) for connecting the power supply cable.  POWER switch.  POWER switch.  REMOTE 1 turn-on/off switch for LAMM power amplifiers.  REMOTE 2 turn-on/off switch for LAMM power amplifiers.  Four LED controls.  IEC 330 POWER INLET (3 lug).  Two REMOTE CONTROL plugs.  EARTHING POST (gold plated).  Pure class A. single-stage zero feedback design, providing the shortest signal path possible.  Four two rithors of the premaptier and ensuring the internal noise of the premaptier and ensuring the unprecedentedly live output impedance for this typs of topology.  High-surrent drive seaphility, in contribution with unique single-ended class A crizingly seaphure.  Specially designed damping panel installed in the L11 Synathure preamplifier effectively includes as a seralitive electronic compronents from any included resonances.  Absolutely outstanding signal-to-noise ratio makes the L11 Synathure preamplifier effectively includes at seralitive electronic compronents from any included resonances.  Absolutely outstanding signal-to-noise ratio makes the L11 Synathure preamplifier set-Cively includes and seralitive electronic compronents from any included resonances.  Absolutely outstanding signal-to-noise ratio makes the L11 Synathure preamplifier in stabilized affair a furnition growth of the premaptier one of the quietest inc-stage preamplifiers available on the market.  This design is unique to LAMM INDUSTRIES, INC.  In including a continuation of the premaptier of
Front/Rear Preamplifier Power Supply  Front Panel Controls  Rear Panel Connectors and Controls  Features  Features  AC voltage selector  Remote Control  Safety  General  Power Consumption  Burn-in Time at Factory  Recommended Burn-in Time in End-user's System  Warm-up time  Unit dimensions (identical for preamplifier and power supply):	ATTENUATOR (-12dB) switch.  MUTNING switch.  OUTPUT 2 switch.  OUTPUT 2 switch.  OUTPUT 2 switch.  Four INPUT CONNECTORS RCA for line injuds and TAPE (play).  One OUTPUT CONNECTOR RCA for TaPE (pecord).  Three OUTPUT CONNECTOR RCA for TaPE (pecord).  Three OUTPUT CONNECTOR RCA (pingle-ended outputs).  Three gold-plated XLR CONNECTORS (pseudo-balanced outputs).  One XLR CONNECTOR (ip line, gold-plated) for connecting the power supply cable.  POWER switch.  OUTLETS switch.  REMOTE 1 turn-on/off switch for LAMM power amplifiers.  REMOTE 2 turn-on/off switch for LAMM power amplifiers.  Four LED controls.  IEC 330 POWER INLET (3 lug).  Two AC OUTLETS, switched.  One XLR CONNECTOR (ip line, gold-plated) for connecting the power supply cable.  Two REMOTE CONTROL plugs.  EARTHING POST (gold plated).  Pure class A, single-stage zero feedback design, providing the shortest signal path possible.  Four low internal impedance (about 800 Ohms per triodel) very linear medium-brind up to internal noise of the preamplifier and ensuring its internal noise of the preamplifier and ensuring the power supply cable.  Four low internal impedance (about 800 Ohms per triodel) very linear medium-brind up to include and control in parallel, thus memoring the internal noise of the preamplifier and ensuring its practically included in parallel, single-control in the late system of the preamplifier of suppliers and control in the late system of the preamplifier of suppliers and control in the late system of the preamplifier in the late system on the quietest line-stage preamplifiers available on the market.  This design is unique to LAMM INDUSTRIES, INC.  Indique electronic protection circuit enables muting of the outputs until the preamplifier is stabilized a firer a turn-on, as a unique system of the system on the control of the contro
Front/Rear Preamplifier Power Supply  Front Panel Controls  Rear Panel Connectors and Controls  Features  Features  AC voltage selector  Remote Control  Safety  General  Power Consumption  Burn-in Time at Factory  Recommended Burn-in Time in End-user's System  Warm-up time  Unit dimensions (identical for preamplifier and power supply):  Crate dimensions:	ATTENUATOR (-12dB) switch.  MUTING switch.  OUTPUT 5 switch.  OUTPUT 2 switch.  Four INPUT CONNECTORS RCA for line inputs and TAPE (play).  One OUTPUT CONNECTORS RCA for TAPE (pecord).  Three OUTPUT CONNECTORS RCA (pingle-ended outputs).  Three OUTPUT CONNECTOR (pins, gold-plated) for connecting the power supply cable.  POWER switch.  OUTLETS witch.  FROMTE 1 turn-onioff switch for LAMM power amplifiers.  REMOTE 2 turn-onioff switch for LAMM power amplifiers.  REMOTE 2 turn-onioff switch for LAMM power amplifiers.  REMOTE 2 turn-onioff switch for LAMM power amplifiers.  Four LED controls.  IEC 329 POWER INLET (3 log).  Two AC OUTLETS, witched.  One XLR CONNECTOR (pins, gold-plated) for connecting the power supply cable.  Two REMOTE CONTROL plugs.  EARTHING POST (gold plated).  Four ow Internal impedance (about 800 Ohms per triodel) very linear medium-mu due triodes are connected in parallel, thus membrain plus teritoria noise of the presentifier and enturing the shortest signal path possible.  Four low Internal impedance (about 800 Ohms per triodel) very linear medium-mu due triodes are connected in parallel, thus membrains the store of the presentifier and enturing the shortest signal path possible of the presentifier and enturing the presentifier of the presentifier acquability to practically insudible sonic signature.  Specially designed damping pane installed in the store of the presentifier acquability to practically insudible sonic signature.  Specially designed damping pane installed in the store the LL1 Signature one of the quested time-store presentifier searching of the culture of the presentifier acquability. In continuation of the presentifier o
Front/Rear Preamplifier Power Supply  Front Panel Controls  Rear Panel Connectors and Controls  Features  Features  Features  AC voltage selector  Remote Control  Safety  Safety  Unit dimensions (dentical for preamplifier power supply):  Crate dimensions:  Unit weight preamplifier power supply  Shipping weight preamplifier power supply  Shipping weight preamplifier	ATTENUATOR (-12dB) switch.  MUTING switch.  OUTPUT 5 switch.  OUTPUT 2 switch.  Four INPUT CONNECTORS RCA for line inputs and TAPE (play).  One OUTPUT CONNECTORS RCA for TAPE (precent).  Three OUTPUT CONNECTORS RCA (single-ended outputs).  Three OUTPUT CONNECTOR (6 pins, gold-plated) for connecting the power supply cable.  POWER switch.  OUTLETS switch.  ERMOTE 1 turn-on/oif switch for LAMM power amplifiers.  REMOTE 2 turn-on/oif switch for LAMM power amplifiers.  REMOTE 2 turn-on/oif switch for LAMM power amplifiers.  Four LED controls.  REMOTE 3 turn-on/oif switch for LAMM power amplifiers.  Four LED controls.  REMOTE 3 turn-on/oif switch for LAMM power amplifiers.  Four LED controls.  REMOTE 3 turn-on/oif switch for LAMM power amplifiers.  Four LED controls.  REMOTE CONTROL plugs.  EARTHING POST (gold plated).  Fure class A, single-stage zero feedback design, providing the shortest signal path possible.  Four low internal impedance (about 800 Ohms per triodel) very linear medium-mu due triodes are connected in parallel. thus the shortest signal path possible.  Four low internal impedance (about 800 Ohms per triodel) very linear medium-mu due triodes are connected in parallel, thus the shortest signal path possible.  Four low internal impedance (about 800 Ohms per triodel) very linear medium-mu due triodes are connected in parallel, thus the shortest signal path possible.  Four low internal impedance for this type of tupology.  High-current drive acapability, in combination stitl unique aliquised and control and the same signal services are considered class A croncing, assure the greamplifier's capability to drive any cable and any real work long and intelliged in the LL1 Signature premptifier affectively lookeds all sensitive electronic components from any induced reconnects.  Aboutely outstanding signal-to-noise ratio makes the LL1 Signature premptifier in facility and the parallel.  This design is unique to LAMM INDUSTRIES, INC.  In the solidation of the control of the couple of the couple of the couple o