| Rated Output Power  |  |
|---|--|
| minimum continuous sine-wave power,<br>from 20Hz-20KHz, with no more than:  |  |
| 0.3% THD @rated line voltage<br>2% THD @ rated line voltage   | 1 Watt into 8 Ohms<br>80 Watts into 8 Ohms   |
| 0.3% THD @rated line voltage 2% THD @ rated line voltage 0.3% THD @rated line voltage   | 1 Watt into 4 Ohms<br>80 Watts into 4 Ohms<br>1 Watt into 2 Ohms   |
| 2% THD @ rated line voltage  Rated Output Voltage   | 80 Watts into 2 Ohms   |
| with continuous sine waves,<br>from 20Hz-20KHz @ rated line voltage   | 35.78 Volts peak into 8 Ohms,<br>corresponding to 160 Watts  |
|   | <ul> <li>25.3 Volts peak into 4 Ohms,<br/>corresponding to 160 Watts<br/>peak.</li> </ul>  |
|   | <ul> <li>17.89 Volts peak into 2 Ohms,<br/>corresponding to 160 Watts<br/>peak.</li> </ul>   |
| Rated Output Current  |  |
| with continuous sine waves,<br>from 20Hz-20KHz @ rated line voltage   | <ul> <li>4.47 Amps peak into 8 Ohms,<br/>corresponding to 160 Watts<br/>peak.</li> <li>6.32 Amps peak into 4 Ohms,</li> </ul>  |
|   | corresponding to 160 Watts<br>peak.  • 8.94 Amps peak into 2 Ohms,   |
| Maximum Output Power  | corresponding to 160 Watts peak.   |
| with continuous sine-waves,<br>from 20Hz-20KHz, with no more than 5% THD (FTC)  | 90 Watts into 8 Ohms     90 Watts into 4 Ohms  |
| @ rated line voltage  Maximum Output Voltage  | 90 Watts into 2 Ohms   |
| with continuous sine waves, from 20Hz-20KHz, @ rated line voltage   | 37.95 Volts peak into 8 Ohms,<br>corresponding to 180 Watts  |
|   | <ul> <li>26.83 Volts peak into 4 Ohms,<br/>corresponding to 180 Watts<br/>peak.</li> </ul>   |
|   | <ul> <li>18.97 Volts peak into 2 Ohms,<br/>corresponding to 180 Watts<br/>peak.</li> </ul>   |
| Maximum Output Current  |  |
| with continuous sine waves, from 20Hz-20KHz, @ rated line voltage   | <ul> <li>4.74 Amps peak into 8 Ohms,<br/>corresponding to 180 Watts<br/>peak.</li> <li>6.71 Amps peak into 4 Ohms,</li> </ul>  |
|   | corresponding to 180 Watts<br>peak.  • 9.49 Amps peak into 2 Ohms,   |
| Small Signal Frequency Response   | corresponding to 180 Watts peak.   |
| at 1 Watt into 8 Ohms @ rated line voltage  | (-3dB) 4 Hz, 82 KHz  |
| Frequency Response at 80 Watts into 8 Ohms @ rated line voltage   | (-0.3dB) 20 Hz, 20 KHz   |
| Slew Rate   |  |
| Vout=70 Volts peak-to-peak of square-wave signal into 8<br>Ohms,<br>F=10KHz @ rated line voltage  | 10 Volts per microsecond   |
| Rise Time   |  |
| Vout=70 Volts peak-to-peak of square-wave signal into 8<br>Ohms, F=10KHz @ rated line voltage<br>IM Distortion (60Hz:7KHz 4:1) SMPTE:   | 6 microseconds   |
| IM Distortion (60Hz:7KHz 4:1) SMPTE:  from 1-80 Watts into 8 Ohms @ rated line voltage  | no more than 5%  |
| from 1-80 Watts into 4 Ohms @ rated line voltage<br>from 1-80 Watts into 2 Ohms @ rated line voltage  | no more than 5%  |
| Voltage Gain  | no more than 5%  |
| Voltage Gain  Inputs  | 21.2 ± 2% or 26.5 ± 0.2dB  |
| Pseudo-balanced, non-inverting  | 3-pin XLR connector  |
| Single-ended, non-inverting  Input Sensitivity  | gold plated RCA connector  |
| Input Sensitivity   | 1.2 Volts RMS ± 2% for 80 Watts into<br>8, 4, and 2 Ohms   |
| Input Impedance   |  |
| Outputs   | 41 KOhms shunted by 470pF  |
| Outputs   | Three sets of gold plated, five-way binding posts  |
| Output Impedance<br>from 80Hz-20KHz   | Typically 1.14 Ohms  |
| Output Impedance  |  |
| from 20Hz-20KHz  Damping Factor   | Typically 1.14 (+0.1/-0.0) Ohms  |
| from 80Hz-20KHz   | Typically 7 re: 8 Ohms   |
|   |  |
| Damping Factor from 20Hz-20KHz  | Typically 7 (+0.0/-0.5) re: 8 Ohms   |
|   | Typically 7 (+0.0/-0.5) re: 8 Ohms   |
| from 20Hz-20KHz  Grounding  | Typically 7 (+0.0/-0.5) re: 8 Ohms  Grounding (earthing) post and chassis connected to mains earthing  |
| from 20Hz-20KHz   | Grounding (earthing) post and chassis  |
| from 20Hz-20KHz  Grounding  Power Supply  | Grounding (earthing) post and chassis connected to mains earthing  |
| Founding  Power Supply  nominal line voltage  | Grounding (earthing) post and chassis connected to mains earthing  100-240 Volts, 50/60Hz  ±10%  One power transformer, three filter chokes, six separate power supplies  AC voltage intensively filtered by   |
| Founding  Power Supply  nominal line voltage  | Grounding (earthing) post and chassis connected to mains earthing  100-240 Volts, 50/60Hz  ±10%  One power transformer, three filter chokes, six separate power supplies   |
| Fower Supply  nominal line voltage Input voltage range  Power Supply Energy Storage   | Grounding (earthing) post and chassis connected to mains earthing  100-240 Volts, 50/60Hz  ±10%  One power transformer, three filter chokes, six separate power supplies  AC voltage intensively filtered by special RFI power line filter   |
| Front/Rear Panel Controls  Grounding  Power Supply  nominal line voltage  Input voltage range  Power Supply Energy Storage  Power supply energy storage  Front/Rear Panel Controls and Chassis Connectors and Controls  Front Panel Controls  | Grounding (earthing) post and chassis connected to mains earthing  100-240 Volts, 50/60Hz  ±10%  One power transformer, three filter chokes, six separate power supplies  AC voltage intensively filtered by special RFI power line filter  approximately 235 joules  LED control.   |
| Front/Rear Panel Controls and Chassis Connectors and Controls   | Grounding (earthing) post and chassis connected to mains earthing  100-240 Volts, 50/60Hz  ±10%  One power transformer, three filter chokes, six separate power supplies  AC voltage intensively filtered by special RFI power line filter  approximately 235 joules   |
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| Front/Rear Panel Controls  Grounding  Power Supply  nominal line voltage  Input voltage range  Power Supply Energy Storage  Power supply energy storage  Front/Rear Panel Controls and Chassis Connectors and Controls  Front Panel Controls  | Grounding (earthing) post and chassis connected to mains earthing  100-240 Volts, 50/60Hz  ±10%  One power transformer, three filter chokes, six separate power supplies  AC voltage intensively filtered by special RFI power line filter  approximately 235 joules  LED control.  POWER ENTRY MODULE that includes power cord socket (3 lug), mains voltage selector, mains fuse holder and power line filter  Three sets of gold plated, five-way   |
| Front/Rear Panel Controls  Front Panel Controls  Rear Panel Connectors and Controls  Rear Panel Connectors and Controls   | Grounding (earthing) post and chassis connected to mains earthing  100-240 Volts, 50/60Hz  ±10%  One power transformer, three filter chokes, six separate power supplies  AC voltage intensively filtered by special RFI power line filter  approximately 235 joules  LED control.  POWER ENTRY MODULE that includes power cord socket (3 lug), mains voltage selector, mains fuse holder and power line filter  Three sets of gold plated, five-way BINDING POSTS  GROUNDING (EARTHING) POST, gold-plated POWER switch  BIAS TEST-AC switch connected to meter M1 and, through this meter, allowing to either measure the mains   |
| Front/Rear Panel Controls  Front Panel Controls  Rear Panel Connectors and Controls  Rear Panel Connectors and Controls   | Grounding (earthing) post and chassis connected to mains earthing  100-240 Volts, 50/60Hz  ±10%  One power transformer, three filter chokes, six separate power supplies  AC voltage intensively filtered by special RFI power line filter  approximately 235 joules  LED control.  POWER ENTRY MODULE that includes power cord socket (3 lug), mains voltage selector, mains fuse holder and power line filter  Three sets of gold plated, five-way BINDING POSTS  GROUNDING (EARTHING) POST, gold-plated POWER switch  BIAS TEST-AC switch connected to meter M1 and, through this meter,  |
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| Front/Rear Panel Controls  Front Panel Controls  Rear Panel Connectors and Controls  Rear Panel Connectors and Controls   | Grounding (earthing) post and chassis connected to mains earthing  100-240 Volts, 50/60Hz  ±10%  One power transformer, three filter chokes, six separate power supplies  AC voltage intensively filtered by special RFI power line filter  approximately 235 joules  LED control.  POWER ENTRY MODULE that includes power cord socket (3 lug), mains voltage selector, mains fuse holder and power line filter  Three sets of gold plated, five-way BINDING POSTS  GROUNDING (EARTHING) POST, gold-plated POWER switch  BIAS TEST-AC switch connected to meter M1 and, through this meter, allowing to either measure the mains voltage or run the 'BIAS TEST', depending on the switch position  BIAS-BAL switch connected to the output tubes and, through meter M1, allowing to measure their bias voltage   |
| Front/Rear Panel Controls  Front Panel Controls  Rear Panel Connectors and Controls  Rear Panel Connectors and Controls   | Grounding (earthing) post and chassis connected to mains earthing  100-240 Volts, 50/60Hz  ±10%  One power transformer, three filter chokes, six separate power supplies  AC voltage intensively filtered by special RFI power line filter  approximately 235 joules  LED control.  POWER ENTRY MODULE that includes power cord socket (3 lug), mains voltage selector, mains fuse holder and power line filter  Three sets of gold plated, five-way BINDING POSTS  GROUNDING (EARTHING) POST, gold-plated  POWER switch  BIAS TEST-AC switch connected to meter M1 and, through this meter, allowing to either measure the mains voltage or run the 'BIAS TEST', depending on the switch position  BIAS-BAL switch connected to the output tubes and, through meter M1, allowing to measure their bias voltage and balance  METER M1 for measuring the mains voltage, bias voltage and balance of the output tubes  METER M2 for measuring idle and maximum plate current of the output tubes, as well as to control the  |
| Front/Rear Panel Controls  Front Panel Controls  Rear Panel Connectors and Controls  Rear Panel Connectors and Controls   | Grounding (earthing) post and chassis connected to mains earthing  100-240 Volts, 50/60Hz  ±10%  One power transformer, three filter chokes, six separate power supplies  AC voltage intensively filtered by special RFI power line filter  approximately 235 joules  LED control.  POWER ENTRY MODULE that includes power cord socket (3 lug), mains voltage selector, mains fuse holder and power line filter  Three sets of gold plated, five-way BINDING POSTS  GROUNDING (EARTHING) POST, gold-plated  POWER switch  BIAS TEST-AC switch connected to meter MI and, through this meter, allowing to either measure the mains voltage or run the 'BIAS TEST', depending on the switch position  BIAS-BAL switch connected to the output tubes and, through meter M1, allowing to measure their bias voltage and balance  METER M1 for measuring the mains voltage, bias voltage and balance of the output tubes  METER M2 for measuring idle and maximum plate current of the output tubes, as well as to control the instantaneous value of plate current during operation  One input RCA connector, gold-plated  |
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| Features  Power Supply  Input voltage Input voltage range  Power Supply Energy Storage  Power supply energy storage  Front/Rear Panel Controls and Chassis Connectors and Controls  Rear Panel Connectors and Controls  Chassis Connectors and Controls   | Grounding (earthing) post and chassis connected to mains earthing  100-240 Volts, 50/60Hz  ±10%  One power transformer, three filter chokes, six separate power supplies  AC voltage intensively filtered by special RFI power line filter  approximately 235 joules  LED control.  POWER ENTRY MODULE that includes power cord socket (3 lug), mains voltage selector, mains fuse holder and power line filter  Three sets of gold plated, five-way BINDING POSTS  GROUNDING (EARTHING) POST, gold-plated POWER switch  BIAS TEST-AC switch connected to meter M1 and, through this meter, allowing to either measure the mains voltage or run the 'BIAS TEST', depending on the switch position  BIAS-BAL switch connected to the output tubes and, through meter M1, allowing to measure their bias voltage and balance  METER M1 for measuring the mains voltage, bias voltage and balance of the output tubes, as well as to control the instantaneous value of plate current during operation  One input RCA connector, gold-plated (located on the left side of the chassis)  One input XLR connector, gold-plated (located on the left side on the chassis)  One input XLR connector, gold-plated (located on the left side on the chassis)  |
| Features  AC voltage selector   | Grounding (earthing) post and chassis connected to mains earthing  100-240 Volts, 50/60Hz  ±10%  One power transformer, three filter chokes, six separate power supplies  AC voltage intensively filtered by special RFI power line filter  approximately 235 joules  LED control.  POWER ENTRY MODULE that includes power cord socket (3 lug), mains voltage selector, mains fuse holder and power line filter  Three sets of gold plated, five-way BINDING POSTS  GROUNDING (EARTHING) POST, gold-plated POWER switch  BIAS TEST-AC switch connected to meter M1 and, through this meter, allowing to either measure the mains voltage or run the 'BIAS TEST', depending on the switch position  BIAS-BAL switch connected to the output tubes and, through meter M1, allowing to measure their bias voltage and balance  METER M1 for measuring the mains voltage, bias voltage and balance of the output tubes  METER M2 for measuring idle and maximum plate current of the output tubes, as well as to control the instantaneous value of plate current during operation  One input RCA connector, gold-plated (located on the left side on the chassis)  One input XLR connector, gold-plated (located on the left side on the chassis)  One input XLR connector, gold-plated (located on the left side on the chassis)  100/120/220/240 Volts, externally switchable  Custom-made torodial power transformer has no mechanical contact with either the transformer cover or the chassis, as transformer to cover or the chassis, as transformer is uspended in a special encapsulant which almost completely absorbs even  |
| Features  AC voltage selector   | Grounding (earthing) post and chassis connected to mains earthing  100-240 Volts, 50/60Hz  ±10%  One power transformer, three filter chokes, six separate power supplies  AC voltage intensively filtered by special RFI power line filter  approximately 235 joules  LED control.  POWER ENTRY MODULE that includes power cord socket (3 lug), mains voltage selector, mains fuse holder and power line filter  Three sets of gold plated, five-way BINDING POSTS  GROUNDING (EARTHING) POST, gold-plated POWER switch  BIAS TEST-AC switch connected to meter M1 and, through this meter, allowing to either measure the mains voltage or run the 'BIAS TEST', depending on the switch position  BIAS-BAL switch connected to the output tubes and, through meter M1, allowing to measure their bias voltage and balance  METER M1 for measuring the mains voltage, bias voltage and balance of the output tubes  METER M2 for measuring idle and maximum plate current of the output tubes. Swell as to control the instantaneous value of plate current during operation  One input RCA connector, gold-plated (located on the left side of the chassis)  One input XLR connector, gold-plated (located on the left side on the chassis)  One input XLR connector, gold-plated (located on the left side on the chassis)  Con input XLR connector, gold-plated (located on the left side on the chassis)  Con input XLR connector, gold-plated (located on the left side on the chassis)   |
| Features  AC voltage selector   | Grounding (earthing) post and chassis connected to mains earthing  100-240 Volts, 50/60Hz  ±10%  One power transformer, three filter chokes, six separate power supplies  AC voltage intensively filtered by special RFI power line filter  approximately 235 joules  LED control.  POWER ENTRY MODULE that includes power cord socket (3 lug), mains voltage selector, mains fuse holder and power line filter  Three sets of gold plated, five-way BINDING POSTS  GROUNDING (EARTHING) POST, gold-plated POWER switch  BIAS TEST-AC switch connected to meter M1 and, through this meter, allowing to either measure the mains voltage or run the 'BIAS TEST', depending on the switch position  BIAS-BAL switch connected to the output tubes and, through meter M1, allowing to measure their bias voltage and balance  METER M1 for measuring the mains voltage, bias voltage and balance of the output tubes  METER M2 for measuring idle and maximum plate current of the output tubes. Swell as to control the instantaneous value of plate current during operation  One input RCA connector, gold-plated (located on the left side of the chassis)  One input XLR connector, gold-plated (located on the left side on the chassis)  One input XLR connector, gold-plated (located on the left side on the chassis)  To input XLR connector, gold-plated (located on the left side on the chassis)  To input XLR connector, gold-plated (located on the left side on the chassis)  To input XLR connector, gold-plated (located on the left side on the chassis)  To input XLR connector, gold-plated (located on the left side on the chassis)  To input XLR connector, gold-plated (located on the left side on the chassis)  To input XLR connector, gold-plated (located on the left side on the chassis)   |
| Power Supply nominal line voltage Input voltage range  Power Supply Energy Storage Power supply energy storage Front/Rear Panel Controls and Chassis Connectors and Controls Front Panel Controls Rear Panel Connectors and Controls  Chassis Connectors and Controls  Chassis Connectors and Controls  Features AC voltage selector Ultra low-noise power transformer  | Grounding (earthing) post and chassis connected to mains earthing  100-240 Volts, 50/60Hz  ±10%  One power transformer, three filter chokes, six separate power supplies  AC voltage intensively filtered by special RFI power line filter  approximately 235 joules  LED control.  POWER ENTRY MODULE that includes power cord socket (3 lug), mains voltage selector, mains fuse holder and power line filter  Three sets of gold plated, five-way BINDING POSTS  GROUNDING (EARTHING) POST, gold-plated POWER switch  BIAS TEST-AC switch connected to meter M1 and, through this meter, allowing to either measure the mains voltage or run the 'BIAS TEST', depending on the switch position  BIAS-BAL switch connected to the output tubes and, through meter M1, allowing to measure their bias voltage and balance  METER M1 for measuring the mains voltage, bias voltage and balance of the output tubes  METER M2 for measuring idle and maximum plate current of the output tubes, as well as to control the instantaneous value of plate current during operation.  One input KLR connector, gold-plated (located on the left side of the chassis)  One input XLR connector, gold-plated (located on the left side on the chassis)  100/120/220/240 Volts, externally switchable  Custom-made torodial power transformer has no mechanical contact with either the transformer cover or the chassis, as transformer is suspended in a special encapsulant which almost completely absorbs even the residual mechanical vibrations. This plays a significant role in assuring the absolutely unique clarity and microresolution during sound reproduction.  The amplifier is equipped with two   |
| Power Supply nominal line voltage Input voltage range  Power Supply Energy Storage Power supply energy storage Front/Rear Panel Controls and Chassis Connectors and Controls Front Panel Controls Rear Panel Connectors and Controls  Chassis Connectors and Controls  Chassis Connectors and Controls  Features AC voltage selector Ultra low-noise power transformer  | Grounding (earthing) post and chassis connected to mains earthing  100-240 Volts, 50/60Hz  ±10%  One power transformer, three filter chokes, six separate power supplies  AC voltage intensively filtered by special RFI power line filter  approximately 235 joules  LED control.  POWER ENTRY MODULE that includes power cord socket (3 lug), mains voltage selector, mains fuse holder and power line filter  Three sets of gold plated, five-way BINDING POSTS  GROUNDING (EARTHING) POST, gold-plated POWER switch  BIAS TEST-AC switch connected to meter M1 and, through this meter, allowing to either measure the mains voltage or run the 'BIAS TEST', depending on the switch position  BIAS-BAL switch connected to the output tubes and, through meter M1, allowing to measure their bias voltage and balance  METER M1 for measuring the mains voltage, bias voltage and balance of the output tubes  METER M2 for measuring idle and maximum plate current of the output tubes, as well as to control the instantaneous value of plate current during operation  One input RCA connector, gold-plated (located on the left side of the chassis)  One input XLR connector, gold-plated (located on the left side of the chassis)  One input XLR connector, gold-plated (located on the left side on the chassis)  To imput XLR connector, gold-plated (located on the left side on the chassis)  One input XLR connector, gold-plated (located on the left side on the chassis)  This plays a significant role in assuring the absolutely unique clarity and microresolution during sound reproduction.  The amplifier is equipped with two meters which, together with the corresponding switches, allow to control the mains (AC) voltage, bias and balance, as well as plate current, of the output tubes.  "Soft-start" circuit protest power surrents of the output tubes."  "Soft-start" circuit protest power surrents of the output tubes."  "Soft-start" circuit protest power surrents of the output tubes."   |
| Four Supply  nominal line voltage Input voltage range  Power Supply Energy Storage  Power supply energy storage  Front/Rear Panel Controls and Chassis Connectors and Controls  Front Panel Connectors and Controls  Chassis Connectors and Controls  Chassis Connectors and Controls  William Storage Selector  Ultra low-noise power transformer  | Grounding (earthing) post and chassis connected to mains earthing  100-240 Volts, 50/60Hz  ±10%  One power transformer, three filter chokes, six separate power supplies  AC voltage intensively filtered by special RFI power line filter  approximately 235 joules  LED control.  POWER ENTRY MODULE that includes power cord socket (3 lug), mains voltage selector, mains fuse holder and power line filter  Three sets of gold plated, five-way BINDING POSTS  GROUNDING (EARTHING) POST, gold-plated POWER switch  BIAS TEST-AC switch connected to meter M1 and, through this meter, allowing to either measure the mains voltage or run the 'BIAS TEST', depending on the switch position  BIAS-BAL switch connected to the output tubes and, through meter M1, allowing to measure their bias voltage and balance  METER M1 for measuring the mains voltage, bias voltage and balance of the output tubes  METER M2 for measuring idle and maximum plate current of the output tubes.  METER M2 for measuring idle and maximum plate current of the output tubes  One input RCA connector, gold-plated (located on the left side of the chassis)  One input XLR connector, gold-plated (located on the left side on the chassis)  One input XLR connector, gold-plated (located on the left side on the chassis)  Ton input XLR connector, gold-plated (located on the left side on the chassis)  The amplifier is equipped with two meters which, together with the corresponding switches, allow to control the mains (AC) voltage, bias and balance, as well as plate current, of the output tubes used to the chase is suspended in a special encapsulant which almost completely absorbs even the residual mechanical vibrations. This plays a significant role in assuring the absorber with the corresponding switches, allow to control the mains (AC) voltage, bias and balance, as well as plate current, of the output tubes used to the chase is and balance, as well as plate current, of the output tubes used to the delay of the output tubes and balance, as well as plate current, of the output tu |
| Four Supply  nominal line voltage Input voltage range  Power Supply Energy Storage  Power supply energy storage  Front/Rear Panel Controls and Chassis Connectors and Controls  Front Panel Connectors and Controls  Chassis Connectors and Controls  Chassis Connectors and Controls  William Storage Selector  Ultra low-noise power transformer  | Grounding (earthing) post and chassis connected to mains earthing  100-240 Volts, 50/60Hz  ±10%  One power transformer, three filter chokes, six separate power supplies  AC voltage intensively filtered by special RFI power line filter  approximately 235 joules  LED control.  POWER ENTRY MODULE that includes power cord socket (3 lug), mains voltage selector, mains fuse holder and power line filter  Three sets of gold plated, five-way BINDING POSTS  GROUNDING (EARTHING) POST, gold-plated POWER switch  BIAS TEST-AC switch connected to meter M1 and, through this meter, allowing to either measure the mains voltage or run the BIAS TEST', depending on the switch position  BIAS-BAL switch connected to the output tubes and, through meter M1, allowing to measure their bias voltage and balance  METER M1 for measuring the mains voltage, bias voltage and balance of the output tubes  METER M2 for measuring idle and maximum plate current of the output tubes, as well as to control the instantaneous value of plate current during operation  One input RCA connector, gold-plated (located on the left side of the chassis)  One input XLR connector, gold-plated (located on the left side on the chassis)  This plays a significant role in assuring the absolutely unique clarity and microresolution during sound reproduction.  The amplifier is equipped with two meters which, together with the corresponding switches, allow to control the mains (AC) voltage, bias and balance, as well as plate current, of the corresponding switches, allow to control the mains (AC) voltage, bias and balance, as well as plate current, of the corresponding switches, allow to control the mains (AC) voltage, bias and balance, as well as plate current, of the plate voltage to the output tubes, which cetends when the plate turned on.  Unique delay time and electronic protection circuly secure the delaylying the plate voltage to the output tubes, which cetends the unpleasant thumps or  |
| Four Supply  nominal line voltage Input voltage range  Power Supply Energy Storage  Power supply energy storage  Front/Rear Panel Controls and Chassis Connectors and Controls  Front Panel Connectors and Controls  Chassis Connectors and Controls  Chassis Connectors and Controls  William Storage Selector  Ultra low-noise power transformer  | Grounding (earthing) post and chassis connected to mains earthing  100-240 Volts, 50/60Hz  ±10%  One power transformer, three filter chokes, six separate power supplies  AC voltage intensively filtered by special RFI power line filter  approximately 235 joules  LED control.  POWER ENTRY MODULE that includes power cord socket (3 lug), mains voltage selector, mains fuse holder and power line filter  Three sets of gold plated, five-way BINDING POSTS  GROUNDING (EARTHING) POST, gold-plated POWER switch  BIAS TEST-AC switch connected to meter M1 and, through this meter, allowing to either measure the mains voltage or run the 'BIAS TEST', depending on the switch position  BIAS-BAL switch connected to the output tubes and, through meter M1, allowing to measure their bias voltage and balance  METER M1 for measuring the mains voltage, bias voltage and balance of the output tubes  METER M2 for measuring idle and maximum plate current of the output tubes.  METER M2 for measuring idle and maximum plate current of the output tubes.  METER M5 for measuring idle and maximum plate current of the output tubes.  METER M6 for measuring idle and maximum plate current of the output tubes.  METER M6 for measuring idle and maximum plate current during operation  One input RCA connector, gold-plated (located on the left side of the chassis)  One input XLR connector, gold-plated (located on the left side of the chassis)  One input XLR connector, gold-plated (located on the left side of the chassis)  This plays a significant role in assuring the absolutely unique clarity and reroid on the mains (AC) voltage, bias and balance, as well as plate current, of the output tubes  "Soft-start" circuit protects power supply components from large in-rush currents when the amplifier is turned on.  The amplifier is equipped with two meters which, together with the corresponding switches, allow to control the mains (AC) voltage, bias and balance, as well as plate current, of the output tubes  "Soft-start" circuit protects power supply components from |
| Four Supply  nominal line voltage Input voltage range  Power Supply Energy Storage  Power supply energy storage  Front/Rear Panel Controls and Chassis Connectors and Controls  Front Panel Connectors and Controls  Chassis Connectors and Controls  Chassis Connectors and Controls  William Storage Selector  Ultra low-noise power transformer  | Grounding (earthing) post and chassis connected to mains earthing  100-240 Volts, 50/60Hz  ±10%  One power transformer, three filter chokes, six separate power supplies  AC voltage intensively filtered by special RFI power line filter  approximately 235 joules  LED control.  POWER ENTRY MODULE that includes power cord socket (3 lug), mains voltage selector, mains fuse holder and power line filter  Three sets of gold plated, five-way BINDING POSTS  GROUNDING (EARTHING) POST, gold-plated  POWER switch  BIAS TEST-AC switch connected to meter MI and, through this meter, allowing to either measure the mains voltage or run the 'BIAS TEST', depending on the switch position  BIAS-BAL switch connected to the output tubes and, through meter MI, allowing to measure their bias voltage and balance  METER MI for measuring the mains voltage, bias voltage and balance of the output tubes  METER M2 for measuring idle and maximum plate current of the output tubes, as well as to control the instantaneous value of plate current during operation  One input RCA connector, gold-plated (located on the left side of the chassis)  One input XLR connector, gold-plated (located on the left side on the chassis)  One input XLR connector, gold-plated (located on the left side on the chassis)  One input XLR connector, gold-plated (located on the left side on the chassis)  One input Maximum plate current of the coutput tubes and, the transformer is suspended in a special encapsulant which almost completely absorbs even the residual a sepainfent in train and microresolution during sound reproduction.  The amplifier is equipped with two meters which, together with the corresponding switches, allow to control the mains (AC) voltage, bias and balance, as well as plate current, of the output tubes  "Soft-start" circuit protects power supply components from large in-sush currents when the amplifier is turned on.  The amplifier is equipped with two meters when the amplifier is turned on.  The applicate voltage to the output tubes, which extends the las |
| Four Supply  nominal line voltage Input voltage range  Power Supply Energy Storage  Power supply energy storage  Front/Rear Panel Controls and Chassis Connectors and Controls  Front Panel Connectors and Controls  Chassis Connectors and Controls  Chassis Connectors and Controls  William Storage Selector  Ultra low-noise power transformer  | Grounding (earthing) post and chassis connected to mains earthing  100-240 Volts, 50/60Hz  ±10%  One power transformer, three filter chokes, six separate power supplies  AC voltage intensively filtered by special RFI power line filter  approximately 235 joules  LED control.  POWER ENTRY MODULE that includes power cord socket (3 lug), mains voltage selector, mains fuse holder and power line filter  Three sets of gold plated, five-way BINDING POSTS  GROUNDING (EARTHING) POST, gold-plated POWER switch  BLAS TEST-AC switch connected to meter M1 and, through this meter, allowing to either measure the mains voltage or run the 'BIAS TEST', depending on the switch position  BIAS-BAL switch connected to the output tubes and, through meter M1, allowing to measure their bias voltage and balance  METER M1 for measuring the mains voltage, bias voltage and balance  METER M2 for measuring idle and maximum plate current of the output tubes, as well as to control the instantaneous value of plate current during operation  One input RCA connector, gold-plated (located on the left side of the chassis)  One input XLR connector, gold-plated (located on the left side of the chassis)  One input XLR connector, gold-plated (located on the left side on the chassis)  This plays a significant role in assuring the absolutely unique clarity and microresolution during sound reproduction.  This plays a significant role in assuring the absolutely unique clarity and microresolution during sound reproduction.  This plays a significant role in assuring the absolutely unique clarity and microresolution during sound reproduction the mains (AC) voltage, bias and balance, as well as plate current, of the output tubes  "Soft-start" circuit protects power supply components from large in-rush currents when the amplifier is turned on.  Unique delay time and electronic protection acreuits secure the supyling the plate voltage the tube life turned on.  Unique to lay time and electronic protection acreuits secure the supyling the plate voltage to the upleasa |
| Four Supply Input voltage Input voltage range  Power Supply Energy Storage  Power supply energy storage  Pront/Rear Panel Controls and Chassis Connectors and Controls  Front Panel Connectors and Controls  Chassis Connectors and Controls  Chassis Connectors and Controls  Features  AC voltage selector  Ultra low-noise power transformer  Meters  Meters   | Grounding (earthing) post and chassis connected to mains earthing  100-240 Volts, 50/60Hz  ±10%  One power transformer, three filter chokes, six separate power supplies  AC voltage intensively filtered by special RFI power line filter  approximately 235 joules  LED control.  POWER ENTRY MODULE that includes power cord socket (3 lug), mains voltage selector, mains fuse holder and power line filter  Three sets of gold plated, five-way BINDING POSTS  GROUNDING (EARTHING) POST, gold-plated POWER switch  BIAS TEST-AC switch connected to meter M1 and, through this meter, allowing to either measure the mains voltage or run the BIAS TEST', depending on the switch position  BIAS-BAL switch connected to the output tubes and, through meter M1, allowing to measure their bias voltage and balance  METER M1 for measuring the mains voltage, bias voltage and balance of the output tubes  METER M2 for measuring idle and maximum plate current of the output tubes, as well as to control the instantaneous value of plate current during operation  One input RCA connector, gold-plated (located on the left side of the chassis)  One input XLR connector, gold-plated (located on the left side of the chassis)  One input XLR connector, gold-plated (located on the left side of the chassis)  Tone input XLR connector, gold-plated (located on the left side of the chassis)  One input XLR connector, gold-plated (located on the left side of the chassis)  Tone input XLR connector, gold-plated (located on the left side of the chassis)  Tone input XLR connector, gold-plated (located on the left side of the chassis)  Tone input XLR connector, gold-plated (located on the left side of the chassis)  Tone input XLR connector, gold-plated (located on the left side of the chassis)  Tone input XLR connector, gold-plated (located on the left side on the chassis)  Tone input XLR connector, gold-plated (located on the left side on the chassis)  Tone input XLR connector, gold-plated (located on the left side on the chassis)  |
| Four Supply  nominal line voltage Input voltage range  Power Supply Energy Storage  Power supply energy storage  Front/Rear Panel Controls and Chassis Connectors and Controls  Front Panel Connectors and Controls  Chassis Connectors and Controls  Chassis Connectors and Controls  William Storage Selector  Ultra low-noise power transformer  | Grounding (earthing) post and chassis connected to mains earthing  100-240 Volts, 50/60Hz  ±10%  One power transformer, three filter chokes, six separate power supplies  AC voltage intensively filtered by special RFI power line filter  approximately 235 joules  LED control.  POWER ENTRY MODULE that includes power cord socket (3 lug), mains voltage selector, mains fuse holder and power line filter  Three sets of gold plated, five-way BINDING POSTS  GROUNDING (EARTHING) POST, gold-plated POWER switch  BIAS TEST-AC switch connected to meter M1 and, through this meter, allowing to either measure the mains voltage or run the 'BIAS TEST', depending on the switch position  BIAS-BAL switch connected to the output tubes and, through meter M1, allowing to measure their bias voltage and balance  METER MI for measuring the mains voltage, bias voltage and balance of the output tubes  METER MG for measuring idle and maximum plate current of the output tubes, as well as to control the instantaneous value of plate current during operation  One input RCA connector, gold-plated (located on the left side of the chassis)  One input XLR connector, gold-plated (located on the left side on the chassis)  One input XLR connector, gold-plated (located on the left side on the chassis)  To niput RCA connector, gold-plated (located on the left side on the chassis)  This plays a significant role in a special encapsulant which ailmost memphately absorbs even the raisformer has no mechanical contact with either the transformer cover or the chassis, as transformer is suspended in a special encapsulant which sidmost memphately absorbs even the raisformer cover or the chassis, as transformer cover or the chassis, as transformer cover or the chassis, as transformer is suspended in a special encapsulant which ailmost memphately absorbs even the raisformer cover or the chassis, as transformer cover or t |
| Fower Supply nominal line voltage Input voltage range  Power Supply Energy Storage  Power supply energy storage  Front/Rear Panel Controls and Chassis Connectors and Controls  Rear Panel Connectors and Controls  Chassis Connectors and Controls  Chassis Connectors and Controls  Westers  AC voltage selector  Ultra low-noise power transformer  Meters  Safety/Protection  | Grounding (earthing) post and chassis connected to mains earthing  100-240 Volts, 50/60Hz  ±10%  One power transformer, three filter chokes, six separate power supplies  AC voltage intensively filtered by special RFI power line filter  approximately 235 joules  LED control.  POWER ENTRY MODULE that includes power cord socket (3 lug), mains voltage selector, mains fuse holder and power line filter  Three sets of gold plated, five-way BINDING POSTS  GROUNDING (EARTHING) POST, gold-plated POWER switch  BIAS TEST-AC switch connected to meter M1 and, through this meter, allowing to either measure the mains voltage or run the 'BLAS TEST', depending on the switch position  BIAS-BAL switch connected to the output tubes and, through meter M1, allowing to measure their bias voltage and balance  METER M1 for measuring the mains voltage, bias voltage and balance of the output tubes.  METER M2 for measuring idle and maximum plate current of the output tubes, as well as to control the instantaneous value of plate current during operation  One input RCA connector, gold-plated (located on the left side of the chassis)  One input XLR connector, gold-plated (located on the left side of the chassis)  One input XLR connector, gold-plated (located on the left side on the chassis)  100/120/220/240 Volts, externally switchable  Custom-made torodial power transformer has no mechanical contact with either the transformer cover or the chassis, as transformer is suspended in a special encapsulant which almost completely absorbs even the risidaya michanical vibrations mains (AC) voltage, bias and balance, as well as plate current, of the custant when the amplifier is turned on.  Unique delay time and electronic protection circuits secure the delayof approximate the association during sound reproduction.  The assignation from large in-rush currents when the amplifier is turned on.  Unique delay time and electronic protection circuits secure the delayof approximate and the protects power supply components from large in-rush currents when th |
| Fower Supply nominal line voltage Input voltage range  Power Supply Energy Storage  Power supply energy storage  Front/Rear Panel Controls and Chassis Connectors and Controls  Rear Panel Connectors and Controls  Chassis Connectors and Controls  Chassis Connectors and Controls  Westers  AC voltage selector  Ultra low-noise power transformer  Meters  Safety/Protection  | Grounding (earthing) post and chassis connected to mains earthing  100-240 Volts, 50/60Hz  ±10%  One power transformer, three filter chokes, six separate power supplies  AC voltage intensively filtered by special RFI power line filter  AC voltage intensively filtered by special RFI power line filter  POWER ENTRY MODULE that includes power cord socket (3 lug), mains voltage selector, mains fuse holder and power line filter  Three sets of gold plated, five-way BINDING POSTS  GROUNDING (EARTHING) POST, gold-plated POWER switch  BIAS TEST-AC switch connected to meter M1 and, through this meter, allowing to either measure the mains voltage or run the 'BIAS TEST', depending on the switch position  BIAS-BAL switch connected to the output tubes and, through meter M1, allowing to measure their bias voltage and balance.  METER MI for measuring the mains voltage, bias voltage and balance of the output tubes  METER MZ for measuring idle and maximum plate current of the output tubes. Switch control the instantaneous value of plate current during operation  One input RCA connector, gold-plated (located on the left side of the chassis)  One input XLR connector, gold-plated (located on the left side on the chassis)  100/120/220/240 Volts, externally switchable  Custom-made torodial power transformer has no mechanical contact with either the transformer cover or the chassis, as transformer is suspended in a special encapsulant which silmost mechanical power transformer has no mechanical contact with either the transformer cover or the chassis, as transformer is suspended in a special encapsulant which silmost completely absorbs even the results of the chassis)  This plays a significant role in easuring the absolutely under carriy and microresolution during sound reproduction.  The amplifier is equipped with two meters which, together with the corresponding switches, allow to control the mains (AC) voltage, bias and balance, as well as plate current, of the output tubes.  "Soft-start" circuit protects power supply components fro |
| Form 20Hz-20KHz  Grounding  Power Supply Inominal line voltage Input voltage range  Power supply Energy Storage  Power supply energy storage  Front/Rear Panel Controls and Chassis Connectors and Controls  Rear Panel Connectors and Controls  Chassis Connectors and Controls  Chassis Connectors and Controls  Meters  AC voltage selector  Ultra low-noise power transformer  Meters  General  Power Consumption                   | Grounding (earthing) post and chassis connected to mains earthing  100-240 Volts, 50/60Hz ±10%  One power transformer, three filter chokes, six separate power supplies  AC voltage intensively filtered by special RFI power line filter  approximately 235 joules  LED control.  POWER ENTRY MODULE that includes power cord socket (3 lug), mains voltage selector, mains fuse holder and power line filter  Three sets of gold plated, five-way BINDING POSTS  GROUNDING (EARTHING) POST, gold-plated POWER switch  BIAS TEST-AC switch connected to meter M1 and, through this meter, allowing to either measure the mains voltage or run the BIAS TEST, depending on the switch position  BIAS-BAL switch connected to the output tubes and, through meter M1, allowing to measure their bias voltage and balance  METER M1 for measuring the mains voltage, bias voltage and balance of the output tubes and well as to controt the instantaneous value of plate current during operation  One input RCA connector, gold-plated (located on the left side of the chassis)  One input XLR connector, gold-plated (located on the left side on the chassis)  One input XLR connector, gold-plated (located on the left side on the chassis)  One input ALR connector, gold-plated (located on the left side on the chassis)  This plays a significant role in assuring the transformer has no mechanical contact with either the transformer is suspended in a special encapsulant which almost completely absorbs even the residual mechanical vibrations.  This plays a significant role in assuring the subsulped with two meters which, together with the corresponding switches, allow to control the mains (AC) voltage, bias and the cordinal power transformer has no mechanical contact with either transformer is suspended in a special encapsulant which almost completely absorbs even the residual mechanical vibrations.  This plays a significant role in supplying the plate voltage to the output tubes, which extend with the corresponding switches, allow to control the mains (AC) voltage, bias an |
| Front Panel Controls  Front Panel Controls and Chassis Connectors and Controls  Front Panel Controls and Controls  Chassis Connectors and Controls  Chassis Connectors and Controls  Chassis Connectors and Controls  Where the Connectors and Controls  Chassis Connectors and Controls  Chassis Connectors and Controls  Safety/Protection  Meters  Meters  General  Power Consumption  | Grounding (earthing) post and chassis connected to mains earthing  100-240 Volts, 50/60Hz  ±10%  One power transformer, three filter chokes, six separate power supplies  AC voltage intensively filtered by special RFI power line filter  approximately 235 joules  LED control.  POWER ENTRY MODULE that includes power cord socket (3 lug), mains voltage selector, mains fuse holder and power line filter  Three sets of gold plated, five-way BINDING POSTS  GROUNDING (EARTHING) POST, gold-plated POWER switch  BIAS TEST-AC switch connected to meter M1 and, through this meter, allowing to either measure the mains voltage or run the 'BIAS TEST', depending on the switch position  BIAS-BAL switch connected to the output tubes and, through meter M1, allowing to measure their bias voltage and balance  METER M1 for measuring the mains voltage, bias voltage and balance of the output tubes  METER M2 for measuring idle and maximum plate current of the output tubes, as well as to control the instantaneous value of plate current during operation  One input RCA connector, gold-plated (located on the left side of the chassis)  One input RCA connector, gold-plated (located on the left side on the chassis)  One input ALR connector, gold-plated (located on the left side on the chassis)  This plays a significant role in assuring the absolutely unique clarity and microreolution during sound reproduction.  The amplifier is equipped with two meters which, together with the corresponding switches, allow to control the chassis as tignificant role in assuring the absolutely unique clarity and microreolution during sound reproduction.  The amplifier is equipped with two meters which, together with the corresponding switches, allow to control may be a significant role in assuring the absolutely unique the plate voltage to the output tubes, which extends the tube life time and excludes the unpleasant thumps or transients in the system during the amplifier turn on/off.  Thermal resetting fuse controls internal temperature of the power transformer as |
| Four Supply nominal line voltage Input voltage range  Power Supply Energy Storage  Power supply energy storage  Pront/Rear Panel Controls and Chassis Connectors and Controls  Front Panel Connectors and Controls  Chassis Connectors and Controls  Chassis Connectors and Controls  Features  AC voltage selector  Ultra low-noise power transformer  Meters  Meters  Safety/Protection   | Grounding (earthing) post and chassis connected to mains earthing  100-240 Volts, 50/60Hz  ±10%  One power transformer, three filter chokes, six separate power supplies  AC voltage intensively filtered by special RFI power line filter  approximately 235 joules  LED control.  POWER ENTRY MODULE that includes power cord socket (3 lug), mains voltage selector, mains fuse holder and power line filter  Three sets of gold plated, five-way BINDING POSTS  GROUNDING (EARTHING) POST, gold-plated POWER switch  BIAS TEST-AC switch connected to meter M1 and, through this meter, allowing to either measure the mains voltage or run the BIAS TEST, depending on the switch position  BIAS-BAL switch connected to the output tubes and, through meter M1, allowing to measure their bias voltage and balance  METER M1 for measuring the mains voltage, bias voltage and balance of the output tubes and well as to controt the instantaneous value of plate current during operation  One input RCA connector, gold-plated (located on the left side of the chassis)  One input XLR connector, gold-plated (located on the left side on the chassis)  One input XLR connector, gold-plated (located on the left side on the chassis)  Custom-made torodial power transformer has no mechanical contact with either the transformer cover or the chassis, as transformer is suspended in a special encapsulant which almost completely absorbs even the residual mechanical vibrations.  This plays a significant role in assuring the assuring the substantial which almost completely absorbs even the residual mechanical vibrations.  This plays a significant role in assuring the substantial substantial production of the cortex with either corresponding witches, allow to control the mains (AC) voltage, bias and the cortex power supply components from large in-rush currents when the amplifier is turned on:  The amplifier is equipped with two meters which, together with the corresponding witches, allow to control the mains (AC) voltage, bias and excludes the tuple lassant thumps or tr |
| From 20Hz-20KHz  Grounding  Power Supply nominal line voltage Input voltage range  Power supply Energy Storage  Power supply energy storage  Front/Rear Panel Controls and Chassis Connectors and Controls  Front Panel Connectors and Controls  Chassis Connectors and Controls  Chassis Connectors and Controls  With a Connector and Controls  Meters  Meters  Meters  Meters  Meters  Meters  Safety/Protection                     | Grounding (earthing) post and chassis connected to mains earthing  100-240 Volts, 50/60Hz  ±10%  One power transformer, three filter chokes, six separate power supplies  AC voltage intensively filtered by special RFI power line filter  AC voltage intensively filtered by special RFI power line filter  POWER ENTRY MODULE that includes power cord socket (3 lug), mains voltage selector, mains fuse holder and power line filter  Three sets of gold plated, five-way BINDING POSTS  GROUNDING (EARTHING) POST, gold-plated POWER switch  BIAS TEST-AC switch connected to meter MI and, through this meter, allowing to either measure the mains voltage or run the 'BIAS TEST', depending on the switch position  BIAS-BAL switch connected to the output tubes and, through meter MI, allowing to measure their bias voltage and balance  METER MI for measuring the mains voltage, bias voltage and balance of the output tubes, as well as to control the instantaneous value of plate current during operation  One input RCA connector, gold-plated (located on the left side of the chassis)  One input RCA connector, gold-plated (located on the left side on the chassis)  One input XIR connector, gold-plated (located on the left side on the chassis)  This plays as significant role in assuring the absolutely unique clarity and microresolution during sound reproduction.  This plays as significant role in assuring the absolutely unique clarity and microresolution during sound reproduction.  This plays as significant role in assuring the absolutely unique the plate voltage, bias and blaouce, as well as plate current, of the chassis as inguiting the plate voltage to the output tubes, which extends the tube life time and excludes the unpleasant throe in assuring the absolutely unique dearity and microresolution during sound reproduction:  Thermal resetting fuse controls internsformer.  Threshold: 275 degrees Fahrenheit (135 degrees Celcius)  **Ooft-start* circuit protects power transients int he system during the amplying the plate voltage to the output tu |
| Fower Supply nominal line voltage Input voltage range  Power Supply Energy Storage Power supply energy storage Front Panel Controls and Chassis Connectors and Controls Rear Panel Connectors and Controls Chassis Connectors and Controls  Chassis Connectors and Controls  Matters  AC voltage selector Ultra low-noise power transformer  Matters  Safety/Protection  Bum-in Time at Factory Dimensions  Unit weight Shipping weight | Grounding (earthing) post and chassis connected to mains earthing  100-240 Volts, 50/60Hz  ±10%  One power transformer, three filter chokes, six separate power supplies  AC Voltage intensively filtered by special RFI power line filter  AC Voltage intensively filtered by special RFI power line filter  Description of the state of the state of the special RFI power line filter  Description of the state of the state of the state includes power core filter  Three sets of gold plated, five-way BINDING POSTS  GROUNDING (EARTHING) POST, gold-plated POWER switch  BIAS TEST-AC switch connected to meter MI and, through this meter, allowing to either measure the mains voltage or nut be BIAS TEST, depending on the switch position.  BIAS-BAL switch connected to the output tubes and, through meter MI, allowing to measure their bias voltage and balance of the output tubes and, through meter MI, allowing to measure their bias voltage and balance of the output tubes and the switch connected to the output tubes, as well as to control the instantaneous value of plate current during operation  METER MI for measuring tide and maximum plate current of the output tubes, as well as to control the instantaneous value of plate current during operation  One input KIA connector, gold-plated (located on the left side of the chassis)  One input XIAR connector, gold-plated (located on the left side on the chassis)  One input XIAR connector, gold-plated (located on the left side on the chassis)  This plays a stannical contact with either the transformer is suspended in a special encapsulant which almost completely bands are significant role in assuring the absolutely unique clarity and microresolution during sound reproduction.  The amplifier is equipped with two meters when the amplifier is turned on.  Unique delay time and electronic protocionacity significant role in assuring the absolutely unique clarity and microresolution during sound reproduction.  The amplifier is equipped with two meters when the amplifier is turned on.  The amplifier |