

MA 600

High-end hybrid integrated amplifier with tube preamplifier and transistor output stage

1



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2



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Preamplifier:

- Low-noise tube preamplifier with 1 x ECC 88 tube
- Preselected and burned-in (60 hours) tube
- High-quality tube sockets
- Input signal switching via high-quality reed relays
- MM-phono preamplifier with low-noise operational amplifiers and subsonic filter
- Digital inputs (optical and coaxial) for sampling frequencies up to 192kHz/24bits
- USB 2.0 input supports sampling frequencies up to 192kHz/24bits
- Bluetooth® 4.0, new high-end audio standard „aptX®“
- Burr Brown digital-to-analogue converter

Power amplifier and mains adapter:

- One high-performance power chip for each channel
- Output power: 70 watts of sine power per channel (4 ohms)
- Elaborate mains adapter with separately stabilised supply voltage for the individual circuits
- High-capacity filter/electrolytic capacitors
- Generously dimensioned toroidal transformer

Housing, connectors and accessories:

- Sturdy metal housing with 5 mm front panel
- Solid aluminium control elements
- Phono MM input
- Four high level inputs
- Additional 3.5 mm audio input on the front panel for connecting portable devices
- Digital inputs (optical and coaxial)
- USB 2.0 input
- Bluetooth® 4.0 / aptX® input
- Record Out fixed level output
- Headphone output with high-quality 6.3 mm jack
- Easy, menu-driven operation
- Clearly legible alphanumeric display
- Remote control for all functions
- Separate standby power supply for low power consumption in standby mode



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| Technical Specifications | |
|--|---|
| Output power Nominal 20 Hz – 20 kHz, THD < 1.0%, 4 Ohm 20 Hz – 20 kHz, THD < 1.0%, 8 Ohm Peak power 1 kHz, 4 Ohm | 2 x 70 W 2 x 55 W 2 x 150 W |
| Frequency response CD/Tuner/Aux/Line/Tape Phono Subsonic Filter | 8 Hz – 80 kHz (-3,0 dB) 20 Hz – 20 kHz (+/-0,2 dB) 20 Hz – 20 kHz (+/-0,3 dB) 16Hz, 18dB/Oct. |
| S/N ratio CD/Tuner/Aux/Line/Tape Phono MM | 98 dB (A) 82 dB(A) |
| Input sensivity CD/Tuner/Aux/Line/Tape Phono MM | 500 mV/100 kΩ 5 mV/47 kΩ |
| Digital inputs | 1. USB 2.0, type B connector 2. optical (Toslink™) 3. coaxial (cinch) Supported sampling frequencies: 44.1/48/88.2/96/176.4/192kHz Supported bit depths: 16/24bits |
| Bluetooth® input | Bluetooth® 4.0 / aptX® |
| Max. power consumption | Maximum 250 W Standby <0,4 W |
| Preamplifier fitted with | 1x ECC 88 |
| Colour | Black |
| Dimensions (WxHxD) | Main unit: 430 x 101 x 287 mm (330 mm incl. controls and connectors) Remote control: 54 x 140 x 11 mm |
| Weight | 8,1 kg |
| Scope of delivery | MA 600 main unit Remote control incl. batteries Power cord Instruction manual |
| Art.-No | 149 516 |
| EAN | 40 18843 49516 3 |