



Magnat

M1000



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

Ideally combines the audiophile sound of a high quality tube preamplifier with the stable power output of a modern transistor amplifier.

Preamplifier

- Low-noise tube amplifier with 2 x 12AU7 / ECC 82 tubes
- Preselected and burned-in (60 hours) tubes produced in Russia
- High quality tube sockets with gold-plated contacts
- Input signal switching via high quality reed relays
- Phono preamplifier with separate MM / MC inputs, low-noise operational amplifiers and subsonic filters
- Volume control via high-precision motorised potentiometer from ALPS
- Low-loss WIMA audio capacitors in the signal path

Power amplifier and mains adapter

- Discrete high-performance amplifier with high quality power transistors from Toshiba
- Output rating of 115 watts of sine power per channel (4 ohms)
- Elaborate mains adapter with separately stabilised supply voltage for the individual circuits
- Filter/electrolytic capacitors with a particularly large capacity (4 x 10000 µF)
- Generously dimensioned toroidal transformer

Housing, connections and accessories

- Sturdy solid metal housing with 8 mm front panel
- Solid aluminium control elements
- Phono MM and MC inputs
- Four high level inputs
- Additional 3.5 mm audio input on the front panel for connecting portable devices
- Preamplifier output for connecting subwoofers or additional power amplifiers
- Record Out fixed level output
- Headphone output with high quality 6.3 mm jack
- Bi-wiring output terminal with large, insulated speaker terminals
- High-contrast, state-of-the-art „Organic LED“ display
- High quality solid metal system remote control for all functions



Magnat

High-End CD player with tube output stage and digital audio inputs

Combines the unerring precision of high quality sampled or digitally recorded signals with the audiophile sound of a high quality analogue tube output stage.

CD drive, digital inputs:

- High-quality Pure CD drive with Sanyo laser unit
- Philips CD controller unit
- CD/track repeat function
- Digital inputs (optical and coaxial) for sampling frequencies up to 192kHz/24Bit
- USB 2.0 input supports sampling frequencies up to 192kHz/24Bit
- Switchable up-sampling function (192 kHz/24 Bit) for CD and all digital inputs

D/A conversion and output stage:

- Burr Brown digital-to-analogue converter
- Dual mono construction tube pre-amplifier equipped with two ECC88 double triodes
- Preselected and burnt-in (60 hours) valves produced in Russia
- High-quality tube sockets with gold-plated contacts
- High-quality RCA output connectors

Additional features

- Sturdy solid metal housing with milled 8 mm thick aluminium front panel
- Solid aluminium control elements
- Sophisticated power supply with R-Core transformer
- Separate standby mode for minimal energy consumption when not in use
- Digital outputs (optical and coaxial)
- High quality headphone amplifier with volume adjustment via remote control
- High-contrast, state-of-the-art „Organic LED“ display
- Choice between two different display modes
- High quality solid metal system remote control for all functions



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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 1 kHz, 4 Ohm	2 x 115 W 2 x 80 W 2 x 250 W
Frequency response CD/Tuner/Aux/Line/Tape Phono Subsonic Filter	5 Hz – 110 kHz (-3.0 dB) 20 Hz – 20 kHz (+/-0.1 dB) 20 Hz – 20 kHz (+/-0.3 dB) 16Hz, 18dB/Oct.
S/N ratio CD/Tuner/Aux/Line/Tape Phono MM Phono MC	110dB(A) 89dB(A) 77dB(A)
Input sensivity CD/Tuner/Aux/Line/Tape Phono MM Phono MC	400mV/100kΩ 2,5mV/47kΩ 0,3mV/470Ω
Mains voltage	230 VAC / 50 Hz
Max. power consumption	Maximal 420 W Standby <0,5 W
Equipment Preamplifier	2x 12AU7 / ECC 82
Colour	Black
Dimensions (WxHxD)	Main unit: 430 x 125 x 330 mm (380 mm incl. controls and connectors) Remote control: 47 x 198 x 23 mm
Weight	11,0 kg
Scope of delivery	MA 1000 main unit Remote control incl. batteries Power cord Instruction manual
Art.-No	149 514
EAN	40 18843 49514 9

Technical Specifications	
Frequency response	CD: 5 Hz – 20 kHz (+/- 0.5 dB)
S/N ratio	> 109 dB (20 Hz – 20 kHz, A-weighted)
Channel separation	> 106 dB (1 kHz)
Impedance	2,0 V / 10 kΩ
Harmonic distortion	< 0,0012 %
Compatible disc formats	CD-DA, HDCD, CD-R, CD-RW
Digital outputs	<ol style="list-style-type: none"> 1. optical (Toslink™) 2. coaxial (cinch)
Digital inputs	<ol style="list-style-type: none"> 1. USB 2.0, type B connector 2. optical (Toslink™) 3. coaxial (cinch) <p>Supported sampling frequencies: 44.1/48/88.2/96/176.4/192kHz Supported bit depth: 16/24bits</p>
Upsampling	Selectable upsampling feature 192kHz/24bits for CD and digital inputs
Mains voltage	230 VAC / 50 Hz
Power consumption	Typ. 25 W Standby 0,5 W
Equipment: output	2x ECC 88
Colour version	Black
Dimension W x H x D	main unit: 434 x 90 x 330 mm (345 mm incl. controls and connectors) remote control: 47 x 198 x 23 mm
Weight	7,5 kg
Scope of delivery	MCD 1050 main unit remote control incl. batteries Power cord Instruction manual
Art.-Nr	149 497
EAN	40 18843 49497 5