Magnat

MA 700

HIGH-END HYBRID AMPLIFIER WITH TUBE PREAMPLIFIER
AND A HIGH-PERFORMANCE TRANSISTOR OUTPUT STAGE
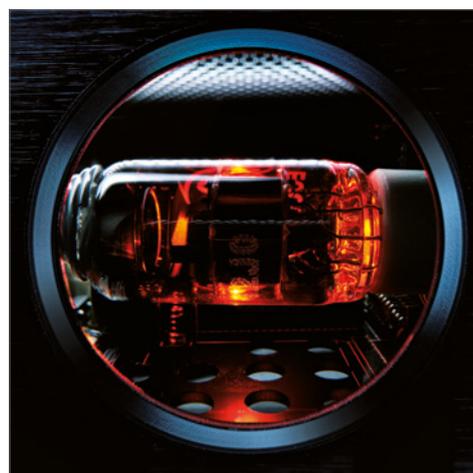
A HYBRID AMPLIFIER FOR ALL MEDIA

If you are enthusiastic about hi-fi components with classic dimensions, you no longer have o compromise on media suitability. Our MA 700 hybrid stereo amplifier combines the power of transistors with the sensitivity of tube technology. Added to this is the variety of connections up to and including Bluetooth 5.0 aptX and, as an absolute highlight, the possibility of bringing the TV set with all its sources into the hi-fi world via HDMI.

MA 700 – PERFORMANCE AND SOUND

With carefully selected ECC 81 tubes already burned in, the MA 700 delivers exactly the sound that connoisseurs appreciate. Thanks to the downstream power transistors, you don't have to do without an impressive output line. Five analogue high-level inputs, 4 digital inputs plus a phono input for MM systems are the basis for also being able to connect large systems without any difficulty. On top of this, Bluetooth is included with the lossless aptX standard for the best sound from smartphone, tablet or computer.

A LOOK THAT WILL LAST FOREVER

What looks like metal here is also actually made from it. It starts with the solid housing and continues with the brushed aluminum front panel and controls, which also allow you feel the cool metal with every touch. And apart from that: pure music. The inputs are discreetly visualised via individual LEDs, the brightness of which can be dimmed in two stages so that nothing distracts from the tempting glow of the tube.

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HDMI INPUT FOR SEAMLESS INTEGRATION OF TV AND ALL CONNECTED SOURCES.

Selected and burnt-in ECC 81 tube:
Reliable and particularly low-noise.

HIGHLIGHTS

- Stereo hybrid receiver with transistor and tube technology
- HDMI input for seamless integration of TV and all connected sources
- Sub out connecting for use of an external active subwoofer
- Selected and previously burned-in tubes for optimum sound
- 2 x 70 watts RMS output, 250 watts system output
- Extensive connections, digital, analogue, MM phono and Bluetooth aptX®
- Solid metal housing with brushed aluminum front panel and controls

PREAMPLIFIER

- Low-noise tube preamplifier with ECC 81 tube
- Preselected and burned-in tube
- MM phono preamplifier with ultra-low noise operational amplifier incl. subsonic filter
- Four analogue high-level inputs
- Additional 3.5 mm audio input on the front panel for connecting portable devices
- Two digital inputs for sampling frequencies up to 192kHz/24bits
- HDMI® with ARC and CEC function (volume can be controlled via TV remote control)
- Bluetooth® input (5.0) supports the high-end audio standard Qualcomm aptX®
- High quality digital-to-analogue converter
- High/low tone control, can be switched off via a direct function
- Sub out connecting for use of an external active subwoofer
- Record Out fixed level output

POWER AMPLIFIER AND POWER SUPPLY

- Discrete Class A/B power amplifier
- Power output: 70 watts of sine power per channel at 4 ohms and 250 watts of maximum pulse power
- Elaborate mains adapter with separately stabilised supply voltage for the individual circuits
- High-capacity filter/electrolytic capacitors
- Shielded toroidal transformer
- Standby power supply for low power consumption in standby mode < 0,5 watts

MISCELLANEOUS

- Sturdy full-metal enclosure with solid, brushed aluminium front
- Solid aluminium controls
- Speaker terminal with solid, insulated screw terminals that are capable of accommodating large cable cross-sections
- Headphone output with high-quality 6.3 mm jack socket
- Mono switch (for analog sources)
- Switchable loudness function (aurally compensated volume correction)
- Display of the selected input via LEDs with with dimming function (2 stages)
- Stable feet with damping rubber insert
- System remote control for all functions

300 mm

116 mm

433 mm

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MA 700
High-end hybrid amplifier with tube preamplifier and a high-performance transistor output stage

OUTPUT POWER
Nominal power: 20 Hz – 20 kHz, THD < 1.0%, 4 Ω   2 x 70 watts
20 Hz – 20 kHz, THD < 1.0%, 8 Ω   2 x 50 watts
Peak power: 1 kHz, 4 Ω   2 x 125 watts

FREQUENCY RESPONSE
CD/Streamer/Aux/Line   5 Hz – 100 kHz (-3 dB)
20 Hz – 20 kHz (+/- 0,3 dB)
Phono   20 Hz – 20 kHz (+/- 0,8 dB)
Subsonic Filter   16 Hz, 18 dB/Oct.

S/N RATIO
CD/Streamer/Aux/Line   102 dB (A)
Phono MM   82 dB (A)

INPUT SENSITIVITY
CD/Streamer/Aux/Line   470 mV / 100 kΩ
Phono MM   5 mV / 47 kΩ

OUTPUTS
1 x Sub Out
1 x Record Out

DIGITAL INPUTS
1 x optical (Toslink™)
1 x coaxial (cinch)
Supported sampling frequencies: 44.1/48/88.2/96/176.4/192kHz
Supported bit depths: 16/24bits

HDMI® INPUT

BLUETOOTH® INPUT
Bluetooth® 5.0 / Qualcomm aptX®

OPERATING FREQUENCY
2402 – 2480 MHz

MAXIMUM EMITTED POWER ACCORDING TO EN 62479
1.02 dBm

MAX. POWER CONSUMPTION
Maximum 300 watts
Standby <0,5 watts

PREAMPLIFIER FITTED WITH
1 x ECC 81

COLOURS
Black

DIMENSIONS (WxHxD)
Main unit: 433 x 116 x 300 mm
Incl. controls and connectors: 433 x 116 x 345 mm
Remote control: 45 x 175 x 20 mm

WEIGHT
7,4 kg

ART.NO. /EAN
149 517 / 40 18843 49517 0