

# Magnat

# MA 900



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



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



## FULL-POWER PERFORMANCE – 200 WATTS X 2

While the selected and burned-in ECC 81 high-end tubes take care of amplifying the fine input signals and generate the inimitable tube sound, the power transistors ensure a solid continuous output of 200 watts of sine power per channel. The pulse power produced is an impressive 320 watts.

## TRADITION MEETS MODERNITY

The combination of melodious tubes in the preamplifier unit together with powerful transistors turns the MA 900 into a hybrid amplifier; a product category that is rare but has a long tradition at Magnat. The tubes, which have already been burned-in for a perfect sound, are selected prior to assembly to ensure that a pair with perfectly compatible values is used.

## A LOOK THAT WILL LAST FOREVER

All of this is packed in a sturdy metal housing with a front panel and operating elements that are made of solid aluminum. Every touch is a pleasure. In addition, the unique concept of the MA 900 is visually emphasized by the individually selected designations lighting up in the clear dual line display on one side of the unit when selecting the input, and the tubes emitting their soft glow on the other.





High-quality inputs/outputs for various purpose.

The phono preamp provides separate inputs for MM and MC systems.

Tablet, smartphone and computer can be used via Bluetooth®.

## PREAMPLIFIER

- Low-noise tube preamplifier with 2 x ECC 81 tubes
- Preselected and burned-in tubes
- MM and MC phono preamplifier with ultra-low noise operational amplifiers from Texas Instruments incl. subsonic filter
- Five analogue low-level inputs
- Additional 3.5 mm audio input on the front panel for connecting portable devices
- Digital inputs (2 x optical and 2 x coaxial) for sampling frequencies up to 192kHz/24bits
- Bluetooth® input (5.0) supports the high-end audio standard Qualcomm aptX®HD
- Cyrrus Logic® digital-to-analogue converter
- SOURCE GAIN function allows the volume to be adjusted by +/- 6dB for every source
- SOURCE RENAME function allows you to freely specify the names of individual sources (14 digits)

## POWER AMPLIFIER AND POWER SUPPLY

- Discrete Class A/B power amplifier
- Power output: 200 watts of sine power per channel at 4 ohms and 2 x 320 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
- Stable feet with damping rubber insert
- Mono switch (for analog sources)
- Record Out fixed level output
- Headphone output with high-quality 6.3 mm jack socket
- Readable, two-line clear text display with adjustable brightness (3 stages)
- System remote control for all functions





## MA 900

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 ohms	2 x 200 watts
	20 Hz – 20 kHz, THD < 1.0%, 8 ohms	2 x 130 watts
Peak power:	1 kHz, 4 ohms	

### FREQUENCY RESPONSE

CD/Streamer/Aux/Line/Tape/Tuner	6 Hz – 100 kHz (-3 dB)
	20 Hz – 20 kHz (+/- 0.2 dB)
Phono	20 Hz – 20 kHz (+/- 0.3 dB)
Subsonic Filter	16 Hz, 18 dB/Oct.

### S/N RATIO

CD/Streamer/Aux/Line/Tape/Tuner/ Digital inputs	105 dB (A)
Phono MM	85 dB (A)
Phono MC	74 dB (A)

### INPUT SENSITIVITY

CD/Streamer/Aux/Line/Tape/Tuner	470 mV/100 kΩ
Phono MM	5 mV/47 kΩ
Phone MC	0.5 mV/470 Ω

### DIGITAL INPUTS

2x optical (Toslink™)  
2x coaxial (cinch)  
Supported sampling frequencies: 44.1/48/88.2/96/176.4/192kHz  
Supported bit depths: 16/24bits

### BLUETOOTH® INPUT

Bluetooth® 5.0 / Qualcomm aptX® HD

### OPERATING FREQUENCY

2402 – 2480 MHz

### MAXIMUM EMITTED POWER ACCORDING TO EN 62479

1.77 dBm

### MAX. POWER CONSUMPTION

Maximum 700 watts  
Standby <0.5 watts

### PREAMPLIFIER FITTED WITH

2x ECC 81 / 12AT7

### AVAILABLE COLOURS

Black

### DIMENSIONS (WxHxD)

Main unit: 433 x 162 x 316 mm  
Incl. controls and connectors: 433 x 162 x 362 mm  
Remote control: 45 x 175 x 20 mm

### WEIGHT

11.7 kg

### SCOPE OF DELIVERY

MA 900 Stereo Tube Amplifier, Remote control incl. batteries  
Power cord, Instruction manual

### ART.NO. /EAN

149 515 / 40 18843 49515 6



**RRP**  
1.199 €



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