

# MC 1



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## MC 1 - Stereo-SACD-Receiver with tube pre-amp

- 1 | **The MC 1 stands out with its compact dimensions and the highest quality standards.**
- 2 | **The hand-selected double triode tubes are concealed behind the acrylic glass window.**
- 3 | **The remote control provides access to all the MC 1 functions.**
- 4 | **Single component solution – the MC 1 combines the quality of high-grade components in one unit.**

Many music-lovers are looking for a compact and multifunctional music system. They dislike conventional hi-fi systems made up of separate components because of the space they require or their intrusive aesthetic appearance. However, the more 'home friendly' midis and minis available on the market along with a large number of „design-oriented“ solutions are not given serious consideration by serious hi-fi enthusiasts because of their poor performance.

Magnat's Music Center 1 combines for the first time, the advantages of high-grade separate components in one compact unit. The MC 1 comprises a tube pre-amplifier, a high-performance transistor power amp, a Super Audio CD player and an FM/AM tuner of the highest quality all within a single enclosure.

The constructional quality of the MC 1 is evident at first glance from the milled, 8 mm thick aluminium front panel. The switch and control knobs are also machined from solid aluminium. Such attention to detail is also reflected inside the unit. All the signal paths are located on one elegant, geometrically optimised circuit board. The amplifier actually consists of two separate components. An ECC 88 double triode tube is at work in the pre-amplifier, which greatly influences the sound. This classic tube type guarantees particularly transparent and three-dimensional music reproduction.

The tubes used in the MC-1 are hand-selected and undergo a 60-hour soak test before final assembly.

The tube also amplifies the signal from the built-in phono pre-amplifier. Many music-lovers all over the world still prefer the sound of an analogue record to all other storage media. In order to reproduce all the finer qualities of vinyl records, the phono amp is of discrete design but does incorporate selected, low-noise operating amplifiers.

To be able to supply demanding high-performance loudspeakers with a perfect signal and drive them with authority, the power amp is equipped with transistors from the Japanese component specialist, Sanken. They produce a dynamic output of 160 watts, which also offers plenty of reserve for high levels to be reproduced without strain.

The power supply used is also of great relevance for the sound: The MC 1 has a carefully dimensioned supply featuring a generously specified toroidal transformer. In addition to its high efficiency, the minimised stray field is also an important feature of this design. The transformer is cushioned within the enclosure which affords it a high level of mechanical isolation. The quality of this unique tube/transistor amplifier is easily a match for high-quality individual components.

The inbuilt CD player can also reproduce Super Audio CDs perfectly. The Super Audio CD increases the treble range and a dynamic range of over 120 dB. The special linear-type Burr Brown digital-to-analogue converter guarantees optimum sound quality of both Super Audio and conventional audio discs. A drive mechanism from the Japanese manufacturer, Sanyo Industries, has been used in order to provide a more stable platform for the disc. This precision mechanism outperforms the more commonly found, low cost drives by virtue of its greater stability and mechanical integrity.

The tuner is designed according to the „super heterodyne“ principle, combining high tuning precision with the acoustic advantages of a particularly low level of distortion. The tuner of the MC 1 also features RDS capability and a sizeable memory of up to 80 stations. Automatic search tuning is another obvious function as is the option of manual frequency selection.

Despite its technical sophistication and exceptional performance, the MC 1 is very easy to use. An easily readable VFD display gives information about the unit's most important functions, including the clock and sleep-timer. All the unit's functions may be controlled on the unit itself or via the clearly laid-out, full-metal remote control. To emphasise the audiophile nature of the unit, the MC 1 has Direct Sound Mode (DSM).

When this is activated, the tone control network is de-activated and by-passed. However, the bass and treble controls can be switched in where the speaker placement, room acoustics or even the recording being played requires it.

The build quality of the MC 1 is also clearly evident in relation to the inputs and outputs. All of the sockets are gold-plated, for example. The loudspeaker terminals are also very substantial gold plated items clad in transparent acrylic insulation.

Now, the committed music-lover only needs one unit: the MC 1 – and of course, two high-quality loudspeakers.













- 1 | **The MC 1 has all the important connection points. Particularly important in this respect are the loudspeaker outputs which, apart from their generous size, are also gold-plated and encapsulated.**
- 2 | **The high-quality and clear visual impression is also reflected inside the MC 1. All the signal paths are located on one single tidy and geometrically optimised board.**
- 3 | **The tubes used for the MC 1 are hand-selected and undergo a 60-hour load test before final assembly.**



## MC 1

<b>Principle</b>	SACD/CD-Receiver
<b>Power output RMS/max.</b>	20 Hz – 20 kHz, THD < 1.0 %, 4 ohms, 2 x 80 W
<b>Power handling RMS/max.</b>	20 Hz – 20 kHz, THD < 1.0 %, 8 ohms, 2 x 60 W
<b>Peak power</b>	1 kHz, 4 ohms, 2 x 150 W
<b>W x H x D</b>	360 x 110 x 360 mm (400 mm incl. control knobs and connectors)
<b>Cabinet surface</b>	silver, black

### TEST

-  avmagazin.de 12/07  
Top Class, Price/performance outstanding
-  techno G 12/07, Croatia  
High-quality Music Center
-  Audio 01/08  
Best Buy, Price/performance & equipment outstanding
-  Play 01/08, Russia  
Price/performance very good
-  plugged 02/08  
"... a pleasure!"
-  Alta felidad N° 202/08, Spain  
"... one of these products that from time to time surprises..."
-  Stereo 03/08  
"Price-performance-hit"
-  AVFBild 03/08  
Good Sound, high amp power
-  sehr gut 03/08  
Result: very good!
-  AF Digitale online 03/08, Spain  
"Magnat is a generator of emotions"
-  What HiFi 04/08, Russia  
"...painting it in bright colours with delicate accuracy."
-  Plus X Award 2008  
achieved for ease of use

