

**Price Tip**

Magnat Interior 5001

**Magnat Interior 5001  
very good**

# Magnat Interior 5001



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Magnat Audio-Produkte GmbH  
Telefon 02234 /807, www.magnat.de  
Category: 5.1 home cinema set  
Evaluation: Sound 60%, configuration 20%, workmanship 20%

Sound	0% <b>very good</b> 100%
Configuration	<b>very good</b>
Workmanship	<b>very good</b>

Class **Entry-level**

Price/Performance **very good**

**av magazin.de**  
Magnat Interior 5001 **very good**



Magnat Interior 5001

# 5.1 home cinema set

"An excellent performance at a low cost" is the premise Magnat has imposed on the new Interior 5001 home cinema set. AV-Magazin tested the technology lying behind the beautiful façade and the sound quality it produces.

German speaker manufacturer Magnat is offering the Interior 5001 set at a recommended retail price of € . In view of the anticipated performance and material used this is an incredibly reasonable offer. But does such an inexpensive home cinema also perform reasonably? Anyone who is familiar with the Pullheim company, which is part of the Audiovox Group, knows that such a declaration from the Rhineland should be taken very seriously.

The top-of-the-range Interior model was subjected to our tests. Besides the 5.1 set presented here (which features a 20 centimetre woofer) there is also the Interior 501 set, which incorporates a 170 millimetre woofer. The corresponding stereo system with two satellite speakers and a 17 cm subwoofer, which is designated the Interior 201, is well-suited to enhance the feeble sound produced by modern flat screen TVs.

## Key Facts Magnat Interior 5001

- 5.1 home cinema speaker set
- Active 120 watt subwoofer
- Bass reflex coordination
- 20 cm woofer
- 85 mm midrange
- 15 mm tweeter
- Wall brackets included in delivery
- High gloss surface
- Plastic satellite housing



The reasonably priced home cinema set from Magnat is available in black and white

#### Installation and delivery specifications

The Magnat Interior 5001 home cinema set consists of four identical satellite speakers, a centre speaker and an active subwoofer (active because the speaker which is specialised in reproducing low tones features an autonomous power amplifier). The compact satellite speakers, however, operate in a passive configuration and are thus connected via the normal speaker terminals of the home cinema amplifier.

The subwoofer is connected to the multi-channel amplifier via an RCA cable. This means the AV receiver only has to supply the small satellite speakers with power - the subwoofer amplifies the audio signal itself, thereby significantly relieving the burden on the overall system. The customer can choose between two different surface designs depending on their living room furnishings and personal taste. A high gloss black and high gloss white finish are available.

A particularly practical feature is provided by the supplied wall brackets which can be used to integrate the small speakers easily in the room. Thanks to their special design the satellite speakers can be freely adjusted horizontally, thereby enabling precise alignment to the listening area. Corresponding bases are supplied for positioning the small speakers on normal surfaces.

#### Housing and configuration

The satellite speakers, which measure eleven centimetres high and nine centimetres wide, are extremely compact. The housing is manufactured from sturdy ABS plastic. If the small speakers become scratched, it's not necessarily bad news as the material is coloured through completely. The front of the speaker is provided with a coated metal grille which protects the speaker cone from mechanical damage. The terminal area is embedded in the rear of the satellite speaker. The speaker wire emanating from the amplifier can be accommodated in the metal terminal. A cable with a maximum diameter of two square millimetres should be used in order to ensure a secure and reliable connection.

The housing of the subwoofer is manufactured from conventional fibreboard. The sturdy body is reinforced internally with an intermediate rail, which results in a precise bass reproduction.

A solid active module is located at the rear of the 40 cm tall woofer for power conversion. With a maximum power consumption of 120 watts it supplies the woofer with enough power to reproduce impressive low frequency sounds.

The terminal area is located at the rear of the subwoofer together with the power amplifier, which is positioned behind it. Besides the obligatory low level RCA input the active module also accommodates a phase switch as well as control knobs for crossover frequency and volume.



The wall brackets included in delivery facilitate precise horizontal alignment of the speakers towards the listening position.



The active module accommodates all of the important connections and controls to operate the subwoofer simply and quickly



**Technical data and configuration**

Manufacturer	Magnat
Model	Interior 5001
Price	around € 400
Type	5.1 speaker set
Finishes	High gloss black, high gloss white
Included in delivery	5 x speakers, 1 x active subwoofer, 5 x wall brackets, 5 x speaker feet, instruction manual
Subwoofer	
Max. output acc. to manufacturer	120 Watts
Woofer	200 mm cone
Housing design	Bass reflex
Level	Control knob
Crossover frequency	Control knob (50-150 Hertz)
Phase regulation	Switch (0/180°)
High-level input/output	Screw terminals
Low-level input/output	RCA
Dimensions (WxHxD)	235 x 400 x 380 mm
Front/rear speakers	
Bass-midrange	1 x 85 mm coneSubwoofer
Tweeter	1 x 15 mm dome
Crossover frequency	5,000 Hertz
Magnetically shielded	yes
Sensitivity	88 decibels
Rated/max. load capacity	50/ 100 Watts
Connection	Metal terminals
Dimensions (WxHxD)	90 x 110 x 110 mm
Centre speaker	
Bass-midrange	2 x 85 mm cones
Tweeter	1 x 15 mm dome
Crossover frequency	5,000 Hertz
Magnetically shielded	yes
Sensitivity	89 decibels
Rated/max. load capacity	60/ 100 Watts
Connection	Metal terminals
Dimensions (WxHxD)	210 x 90 x 110 mm

**Plus and minus**

- good surround sound
- solid workmanship
- Wall brackets included in delivery

**Chassis technology**

The satellite speakers consist of a coaxially constructed chassis. It is coaxial because the small tweeter in the centre is arranged directly above the coated paper cone. This enables Magnat to provide the satellite speakers with a particularly handy and living room-friendly design. The 15 millimetre tweeter is equipped with an impregnated fabric dome. It is positioned directly at the centre of the midrange speaker and features a small acoustic lens around its dome. This increases the dome's level of efficiency. In the centre speaker the tweeter is located between two midrange cones. The latter measure 85 millimetres in diameter and, like their colleagues, operate in the small satellite speakers up to a high frequency range of 5,000 hertz. The load capacity and efficiency of the all-important centre speaker are enhanced through the use of another cone chassis.



The 20 cm bass chassis and the bass reflex tube radiate sound onto the surface from underneath

Thanks to its magnetic shielding the 85 mm coaxial speaker can also be operated close to tube televisions without causing interference



James Cameron's Avatar is the most successful film in history

Features

5.1 home cinema speaker set, 120 Watt active subwoofer, bass reflex coordination, 20 cm woofer, 85 mm midrange, 15 mm tweeter, wall brackets included in delivery, high gloss finish, plastic satellite housing

In plain language

The Interior 5001 home cinema set from Magnat, which is characterised by solid sound quality and flexible integration options, represents a real bargain. A striking surround sound and powerful bass, which really brings films to life in compact spaces, is being offered for a modest price. Workmanship and material usage in this price range are also very good and merely emphasise the AV-Magazin "Price Tip" Award.

The resolution of the small dome tweeter is very good and makes effect sequences seem very realistic. Although the bass range is rather reserved due to system constraints, the subwoofer was impressive with a potent bass level. The entire Magnat ensemble sounded coherent during the battle around the Hometree. The fantastic surround effects filled the AV-Magazin listening area while the centre speaker reproduced dialogue with maximum comprehensibility.



Sound quality

We start the listening test with the blockbuster "Avatar" from director James Cameron. The elaborately staged film is accompanied acoustically in a befitting manner from the very first minute. The choirs and strings of the melodic soundtrack are emitted evenly and differentiated from all parts of the room. Despite their compact dimensions the Interior satellite speakers compel the listener with a mature sound.



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