

# Magnat®

## SIGNATURE 607

### PASSIVE 4-WAY FLOORSTANDING SPEAKER

The Magnat Signature 607 is a powerful 4-way floorstanding speaker with dual bass woofers and a bass-reflex design to deliver a rich and detailed sound. With deep bass, clear mids, and crisp highs, it ensures a balanced and immersive audio experience. Combining premium craftsmanship with advanced technology, the Signature 607 is perfect for music lovers and home theater enthusiasts alike.



### SPECIFICATIONS

|                                     |   |
|-------------------------------------|---|
| <b>Principle</b>                    | <b>4 way, double bass, bass-reflex</b>  |
| <b>Drivers</b>                      | 2 x 170 mm (6.5") woofer,<br>170 mm (6.5") midrange,<br>30 mm (1.2") dome-tweeter,<br>20 mm (0.75") super-tweeter |
| <b>Power Handling (RMS/Max)</b>     | 200 / 350 Watts   |
| <b>Impedance Range</b>              | 4 – 8 Ohms  |
| <b>Nominal Impedance</b>            | 4 Ohms  |
| <b>Frequency Range</b>              | 25 – 52.000Hz   |
| <b>Frequency Response (-6dB)</b>    | 34 – 41.000 Hz  |
| <b>Crossover Frequencies</b>        | 280 Hz / 2500 Hz / 17.500 Hz  |
| <b>Recommended Amplifier Output</b> | > 30 Watts  |
| <b>Sensitivity (2.8V/1m)</b>        | 92 dB   |
| <b>Cabinet surface</b>              | Front: black satin / cabinet: black vinyl<br>Front: white satin / cabinet: white vinyl                            |
| <b>Dimensions (WxHxD)</b>           | Cabinet: 205 x 1030 x 332 mm<br>Cabinet incl. foot and spikes: 286 x 1070 x 332 mm                                |
| <b>Weight</b>                       | 17,9 kg   |
| <b>SKU / EAN</b>                    | Satin black: D146320 / 4018843463216<br>Satin white: D146322 / 4018843463230                                      |

ALL SPECIFICATIONS SUBJECT TO CHANGE WITHOUT NOTICE

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# SIGNATURE SERIES

## SIGNATURE 607

Magnat

The Magnat Signature Series offers a versatile lineup of speakers designed for seamless interchangeability. All models (Signature 999, 809, 607, 603 and Eldestein) are crafted to work harmoniously together with a Center Pro II center channel, a pair of atmos surrounds ATM 202 and an Omega CSI2 subwoofer allowing you to customize your audio setup.

### SLEEK DESIGN TONE ON TONE

The high-quality multi-layer satin matte finish on the front baffle enhances the aesthetic appeal and overall quality of this loudspeaker, while highlighting Magnat's typical gray ceramic cones. The bass woofers are highlighted by a decorative ring secured by 6 screws. The rest of the cabinet is covered in scratch-resistant tone-on-tone vinyl. The removable fabric grille ensures clean aesthetics without compromising sound. Height-adjustable metal spikes with replaceable tips ensure stable placement on any surface, enhancing the speaker's stability and performance.

### HI-RESOLUTION TWEETER FOR DETAILED HIGHS

The tweeter system in this range includes a state-of-the-art high-resolution fmax dome tweeter and an additional super dome tweeter, delivering an extended frequency response up to 50 kHz. Thanks to powerful neodymium magnet systems and precision engineering, these tweeters provide incredible details, clarity, and dynamics, ensuring accurate reproduction of high-frequency sounds. The integration of a spherical waveguide further enhances the dispersion properties, providing a balanced and natural soundstage.

### SOLID CABINET

Built for both acoustic excellence and durability, the cabinet is crafted from MDF panels, known for their low-resonance properties.

### DOUBLE PORTS FOR AIR MANAGEMENT

The dual Airflex ports are designed to minimize airflow noise, contributing to a richer bass experience.

### DESIGNED & ENGINEERED IN GERMANY

Magnat products are proudly designed and engineered in Germany, reflecting a commitment to precision, quality, and innovation. Our skilled team combines advanced technology with timeless craftsmanship to create audio solutions that deliver exceptional performance. Each product embodies the German engineering ethos, ensuring you experience superior sound and reliability.

### MAGNAT 3L CONES FOR DEEP BASS AND PRECISE MIDRANGE

The bass and midrange drivers use advanced FE-Dynamics technology, with a state-of-the-art 3-layer design. This cone, composed of 3 superimposed ceramic-aluminium-ceramic layers, offers exceptional rigidity while minimizing unwanted resonances for a pure, controlled sound. A ventilated voice coil ensures heat dissipation for consistent high-performance sound. Each driver is individually and precisely optimized using Klippel® technology for greater accuracy across the entire frequency range. Klippel is a measurement system based on the precise detection of membrane movement using a laser. This enables us to optimize the magnetic system, the diaphragm and the voice coil construction in a highly efficient way.

### PREMIUM CROSSOVER

The crossover network is meticulously designed with amplitude and phase optimization, utilizing high-quality components for smooth transitions between drivers. Featuring acoustic 24 dB filters, this system ensures precise separation of frequencies, providing a seamless listening experience. The generously sized connection terminals, with gold-plated contacts, ensure a reliable and strong connection even for cables with large conductor cross-sections, maximizing the speaker's performance.

### PERFECT FOR MUSIC & MOVIES

Magnat Signature products offer an exceptional audio experience that enhances movies and music. With their powerful sound and rich detail, they can bring your movies or series to life, or enhance your favorite music tracks. In short, whether you're watching a blockbuster movie or religiously listening to a playlist, Magnat guarantees that every note and every sound effect is heard as the sound engineers intended.

