

# Magnat®

## SIGNATURE 603

### PASSIVE 3-WAY BOOKSHELF SPEAKERS

Magnat Signature 603 are 3-way bass-reflex bookshelf speakers. They can be used to complement Signature 999, 809 and 607 floorstanding speakers, or as a main pair if space is limited. The high-resolution tweeters guarantee clear, detailed highs, while the woofer ensures rich, resonant bass. Sold in pairs, these speakers are perfect for music and movies.



### SPECIFICATIONS

**Principle** 3 way, bass reflex

**Drivers** 170 mm (6.5") midrange,  
30 mm (1.2") dome-tweeter,  
20 mm (0.75") super-tweeter

**Power Handling (RMS/Max)** 100 / 170 Watts

**Impedance Range** 4 – 8 Ohms

**Nominal Impedance** 4 Ohms

**Frequency Range** 32 – 52.000Hz

**Frequency Response (-6dB)** 43 – 41.000 Hz

**Crossover Frequencies** 2500 Hz / 17.500 Hz

**Recommended Amplifier Output** > 20 Watts

**Sensitivity (2.8V/1m)** 90 dB

**Cabinet surface** Front: black satin / cabinet: black vinyl  
Front: white satin / cabinet: white vinyl

**Dimensions (WxHxD)** Cabinet: 205 x 365 x 282 mm

**Weight** 6,0 kg

**SKU / EAN** Satin black: D146310 / 4018843463117  
Satin white: D146312 / 4018843463131

ALL SPECIFICATIONS SUBJECT TO CHANGE WITHOUT NOTICE

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# SIGNATURE SERIES

## SIGNATURE 603

Magnat

The Magnat Signature Series offers a versatile lineup of speakers designed for seamless interchangeability. All models (Signature 999, 809, 607, 603 and Edelstein) are crafted to work harmoniously together with a Center Pro II center channel, a pair of atmos surrounds ATM 202 and an Omega CS12 subwoofer allowing you to customize your audio setup without compromising on sound quality.

### 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. The rubber feet 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 detail, 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.

### AIRFLEX-PORT

The Airflex port at the rear of the Signature 603 speaker is designed to reduce 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 CONE FOR DEEP BASS AND PRECISE MIDRANGE

The woofer utilizes advanced FE-Dynamics technology, featuring a cutting-edge 3-layer design. This cone, made from ceramic-aluminium-ceramic layers, provides exceptional rigidity while minimizing unwanted resonance for pure and controlled sound. A ventilated voice coil ensures optimal heat dissipation and reliability, allowing for consistent high-performance sound. The driver is precisely optimized through Klippel® technology for enhanced accuracy across the frequency range. Klippel is a measurement system based on a precise motion detection of the membrane using laser. This allows us to optimize the magnet system, membrane and voice coil construction in a very 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.

