



SIGNATURE 999 LOUDSPEAKERS

THE EXPRESSION OF INTENSE EMOTIONS IN TIMELESS AESTHETIC

Magnat Signature 999, a state-of-the-art passive loudspeaker, has been meticulously designed in our German labs to redefine your audio experience. It features a revolutionary tweeter for crystal-clear highs, ultra-high-performance woofers for rich, distortion-free sound, and a sophisticated cabinet that enhances both aesthetics and acoustics. This main stereo system will give a new dimension to your music and movies.

REVOLUTIONARY TWEETER TECHNOLOGY

Experience sound like never before with our new high-resolution triple tweeter module. This innovation features three fmax tweeter domes, arranged in a modified D'Appolito configuration, and precision control via separate crossover circuits. Two 30 mm dome tweeters with linearized drivers guarantee incredibly low distortion and the extended surrounds provide a deep connection with the midrange driver.

The 20 mm super dome tweeter ensures omnidirectional sound distribution and extends reproduction capabilities up to 55 kHz, enhancing the overall listening experience.

All tweeters are equipped with a double dome made of composite fabric that improves their durability and guarantees a coherent high-quality sound reproduction. Powerful neodymium ring magnet systems have been integrated into our tweeters to guarantee exceptional dynamics.

MAGNAT EXCLUSIVE WOOFERS FOR DEEP BASS

The woofers (bass & midrange) feature generously vented die-cast aluminium baskets that prevent turbulence and compression effects, ensuring a smooth and clear sound experience. Our engineers have optimized the magnet systems to minimize distortion, guaranteeing the purest sound reproduction. The speaker houses a new '3L sandwich diaphragm (ceramic / magnesium aluminium / ceramic) with an inverted dust cap. This design enhances rigidity while providing high internal damping for precise audio. With sophisticated voice coil ventilation, the woofers are built to withstand high demands, ensuring resilience and longevity. The overall design is Klippel®-optimized, a hallmark of precision engineering. Aesthetically, a decorative ring in solid ABS/aluminium, securely fastened by eight screws, encases the cones.

SOPHISTICATED CABINET DESIGN

With its matte "black on black" finish, the Signature 999 loudspeaker offers a luxurious design that's resolutely modern and timeless for refined interiors. The speaker cabinet is made of multi-strut MDF for its robustness. At the rear, two wide-opening Magnat Airflex ports ensure optimum bass response, with no unwanted ambient noise, for rich, immersive sound. The fabric grille is removable. It is attached by a system of invisible magnets. To guarantee stability on any type of floor, you can opt for adjustable metal spikes or silicone feet. These accessories help improve sound clarity by reducing vibration interference.

PREMIUM CROSSOVER

The speaker is equipped with an elaborate phase and amplitude-optimized APOC crossover. The speaker features high-quality low-impedance internal cabling crafted from oxygen-free copper (OFC-N4) with generous conductor cross-sections. This ensures that the signal between components flows effortlessly, preserving the integrity of your audio. The large connection panel is fitted with sturdy and encapsulated terminals to maintain reliable contact, even when you are using high-quality cables with large cross-sections, guaranteeing the best possible sound transmission. The speaker comes with a bi-wiring/bi-amping option. This flexibility lets you tailor your sound to your preferences.





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ENGINEERED
IN GERMANY



SPECIFICATIONS

| | |
|-------------------------------------|---|
| Principle | 4.5 way, double bass, bass reflex |
| Drivers | 2 x 8" woofer, 6.5" midrange, 2 x 1.2" dome-tweeter, 0.75" super-tweeter |
| Power Handling (RMS/Max) | 280 / 500 Watts |
| Impedance | 4 – 8 Ohms |
| Frequency Response (-6db) | 31 – 42.000 Hz |
| Frequency range | 22 – 55.000 Hz |
| Crossover Frequencies | 320 Hz / 2200 Hz / 12000 Hz / 16000 Hz |
| Recommended Amplifier Output | > 30 Watts |
| Sensitivity | 93 dB |
| Cabinet surface | Black satin |
| Accessories | - Detachable fabric grille with optimized acoustic transmissivity and practical magnetic mounts - Manual |
| Dimensions (WxHxD) | Cabinet: 260 x 1175 x 402 mm cabinet incl. foot and spikes: 335 x 1225 x 420 mm |
| Weight | 37.5 kg |
| Article Number | D147299 |
| EAN Code | 4018843472997 |



SOLD BY UNIT

