

QUANTUM SIGNATURE

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Magnat

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HIGHLIGHTS

Woofer & midrange:

- Generously vented die-cast aluminium basket to prevent turbulence and compression effects
- Distortion-optimised magnet system with double induction rings and stray field optimisation
- Kapton voice coil to minimise eddy current loss, thereby ensuring minimal distortion of the midrange
- „Controlled Flexing Cone“: Cone geometry for controlled dispersion of bending waves in the midrange, and with it the capability to reproduce a greater bandwidth
- High cone rigidity ensured by inverse ceramic/aluminium dust caps for the woofer and midrange
- Sophisticated voice coil ventilation for a particularly high degree of resilience

Tweeter:

- High-end dome tweeter with a particularly wide surround for optimised dispersion characteristics at frequencies above 20 kHz
- Solid aluminium front panel with computer-optimised sound guide
- Particularly lightweight cone construction consisting of semi-crystalline polymer (PTFE) for maximum efficiency
- Copper cap-optimised drive system for minimum distortion
- Generous ventilation of the magnet system with low natural resonance

Crossover:

- 24dB LKR topology with audiophile coils and polypropylene capacitors
- Crossover mechanically isolated from the cabinet
- Crossover on 2 separate circuit boards to optimise bi-wiring operation
- Large, solid aluminium connecting plate
- Bi-wiring/bi-amping option, supplied with cable bridges for single-wire operation
- Large, gold-plated speaker terminals encapsulated in acrylic
- High quality internal wiring from OEHLBACH

Cabinet:

- Sturdy MDF cabinet with low-resonance baffle
- High quality glossy finish
- Double-walled side panels with varying material thickness to reduce cabinet resonance
- Sturdy metal applications screwed to the side of the cabinet
- Extensive bracing inside the cabinet
- Resonance-absorbing supports behind all cone chassis
- Two specially coated Airflex ports with extremely large openings ensure an optimum bass response without ambient noise
- Detachable fabric grille with optimised acoustic transmissivity and concealed magnetic mounts
- Large, high quality solid metal spikes with solid metal base for optimum floor protection

Magnet

Specifications	
Principle	3 way floorstanding Speaker, bass reflex
Equipment	3 x 8" woofer 2 x 6.5" midrange 1.2" dome-tweeter
Power Handling (RMS/Max)	400 / 700 Watts
Impedance	4 - 8 Ohms
Frequency responses	16 - 75.000 Hz
Crossover Frequencies	200 Hz / 2.900 Hz
Recommended Amplifier Output	> 30 Watts
Sensitivity (2.8 V/1m)	94 dB
Ausführung	Piano Black
Cabinet surface (WxHxD)	313 x 1410 x 465 mm
Weight	73 kg
Art.-No	147 120
EAN	40 18843 47120 4