

QUANTUM EDELSTEIN

1



Magnat

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HIGHLIGHTS

Woofer-midrange

- Airflow-optimized, non-magnetic aluminium die-cast basket to prevent turbulence and compression effects to handle large cone excursions
- Distortion-optimised, powerful magnet system with induction ring and stray field optimisation, thereby ensuring minimal distortion and high efficiency
- Kapton voice coil to minimise eddy current loss, thereby ensuring minimal distortion of the midrange and optimised efficiency
- Aluminium/ceramic sandwich cone with an inverted dust cap for optimum rigidity with high internal damping

Tweeter

- Silk dome tweeter with a particularly wide surround for optimised dispersion characteristics at frequencies above 20 kHz
- Special sound guide in the aluminium front panel for optimum dispersion properties
- Mechanical coupling to the aluminium front panel for reduced intrinsic vibration
- High performance neodymium magnet system for excellent dynamics and a high resolution



Crossover

- Elaborated phase- and amplitude-optimized crossover with selected high-quality components
- Particularly low-impedance bass-midrange channel for minimal electrical loss

Cabinet

- Sturdy MDF cabinet with high-quality glossy finish
- Solid aluminium front panel with machined and burnished sound guide for the bass-midrange driver and tweeter
- Double base plate manufactured from polished acrylic glass and solid aluminium, decoupled from one another
- Reinforcing board in the housing with chassis support for the bass-midrange, which ensures optimum low-resonance properties and minimal intrinsic vibration



Miscellaneous

- High-quality cabling using heavy gauge cables
- Specially coated Airflex port with very large opening ensures an optimum bass response without ambient noise
- Detachable fabric grille with optimised acoustic transmissivity and practical magnetic mounts
- Milled aluminium terminal with gold-plated screw connectors encapsulated in acrylic

Specifications	
Principle	2-way high end shelf speaker, bass reflex
Equipment	1 x 4.5" woofer-midrange 1" dome-tweeter
Power Handling (RMS/Max)	75 / 150 Watts
Impedance	4 – 8 Ohms
Frequency responses	34 – 50,000 Hz
Crossover Frequencies	2.500 Hz
Recommended Amplifier Output	> 30 Watts
Sensitivity (2.8 V/1m)	90 dB
Cabinet surface	<p>Cabinet in high-gloss black finish/front panel and base plate in brushed and anodised aluminium, base plate in polished acrylic glass</p> <p>Cabinet in high-gloss white finish/front panel and base plate in brushed and anodised aluminium, base plate in polished acrylic glass</p>
Dimension (WxHxD)	135 x 232 x 246 mm
Weight	5 kg
Piano Black/Alu	
Art.-No	147 130
EAN	40 18843 47130 3
Piano White/Alu	
Art.-No	147 132
EAN	40 18843 47132 7