

Maestro Grand

General



At the heart of theater is the human voice. Our ears are most attuned to catch every subtle nuance of this expressive instrument.

Being the hardest working speaker in a surround system, the quality level of a center channel is of major importance to a system. Film sound springs to life from the Maestro Grand with a naturalness and intensity to match any of the Vienna Acoustics Grand main speakers. This extraordinary center speaker features an iris-shaped tweeter mounting block that allows this advanced 1" silk dome tweeter to work in perfect harmony with the dual 6" mid-bass drivers, utilizing Vienna Acoustics' proprietary Spider Cone technology, in order to offer unrestrained dynamics and unparalleled detail in giving voice to even the most sophisticated of theater systems.

Handcrafted enclosures in beautiful wood finishes define the Vienna Acoustics aesthetic. The Grand Series features the following selections to complement any interior: Piano black, Maple, Cherry, and Rosewood.

Maestro Grand

Features



Absolutely new is Maestro's tweeter, an implementation of the technology found in the ultra high-end reference center channel, ORATORIO. The 1" silk-dome tweeter incorporates a triple stack neodymium magnet assembly mounted within an integral decoupling iris-shaped mounting block to reduce any extraneous resonance. Housing the tweeter in this assemble allows the tweeter to be positioned above the mid-bass drivers, assuring exceptional dispersion characteristics, as well as open and effortless high frequency response.



The two new 6" mid/bass Spidercone drivers used, based on the 7" reference driver found in BEETHOVEN Concert Grand, offer perfect bass dynamics combined with clear and natural midrange performance. The development of this driver was made possible by the experience gained in the development of X3P, which is a cone material that blends Vienna Acoustics exclusive TPX polymer and three polypropylene based synthetics to allow for maximum inner damping for midrange clarity, while the spidercone ribs provide maximum stability for bass impulses. Finally, these drivers benefit from a new inverted rubber surround design that constitutes a breakthrough in no loss damping of cone edge resonances. MAESTRO uses two of these unique drivers, combined with dual front ports, for ultra-fast, linear, and muscular bass extension to 38 Hz.



MAESTRO is 100% shielded.



A completely new linear crossover layout, with the copper circuit paths arranged in the direction of electron flow, takes into account the potential for sympathetic and parasitic interactions among crossover components that may inject unwanted noise and distortions while allowing for more direct and efficient transfer of signal to the drivers which leads to a greater level of detail and purity.

Maestro Grand

Features



New proprietary cabling, consisting of large scale solid copper conductors, with each cable pairing precisely twisted a prescribed number of turns for the particular length of each cable so that any noise injection through the wiring harness is avoided.



New gold-and-silver alloy terminals for lowest transfer resistance and durability are directly connected to the crossover circuit board to ensure complete current delivery and no loss of clarity in the signal transfer from binding post to crossover.



Cabinets boast massive baffles that are 1.25" thick, 25% thicker than previous models, for maximum rigidity and resonance control.

Maple and Cherry finishes join a revised Rosewood, applied to the highest of standards using the state-of-the-art veneer-wrapping technology for the front and rear baffles first pioneered on the Classic series. A true Piano Black lacquer is now available, the quality of which will permit inclusion into any living room as it mirrors its surroundings.



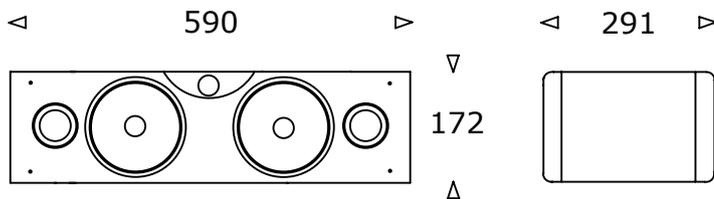
Innovative and unique grilles feature an aluminum frame that incorporates an integral V-shaped phase diffuser to control dispersion so that they can be left on for all but the most critical listening without an adverse influence on performance. In fact, it can be used as an additional tuning device for the audio enthusiast, benefiting soundstage presentation both in depth and stereo imaging. As an additional benefit, the V-shaped groove running the length of the middle of the grille results in a more elegant appearance for the speaker.



The pressure within the cabinet is inconceivably high. Besides the massive thickness of the tube, the only way solid enough is to screw the port tubes to the cabinet. Furthermore, the exact length of the ports determines the right and only frequency „fb“ of the port-cabinet-driver system; this tuning is a matter of millimeters. The dual front bass-reflex ports increase MAESTRO Grand ´s dynamic capabilities and are used with two different lengths.

Maestro Grand

Specs



Impedance
Frequency Response
Sensitivity
Recommended Amplifiers Drive Units
2 x 6" Bass/Midrange Driver
1 " Dome-Tweeter
Bass System
Bass Function
Crossover Components

Crossover Function
Weight
Dimension (W x H x D) inches
Dimension (W x H x D) mm

4 Ohms
 38-22000 Hz
 91 dB
 30 - 200 Watts
 X3P Cone Spidercone Technology
 Hand-coated VA Silk Dome
 Bass Reflex, 2 x Front Ported
 Impulse Optimizing QB 3 (Quasi-Butterworth)
 MKP Capacitors 1% Tolerance
 Coils 0,7% tol., Exclusively Air Coils
 Metal Film Resistors, 1% tol., Inductance Free
 2-way, 6 dB and 12 dB Bessel
 30 Ibs / 14 kg
 23,25 x 6,75 x 11,5"
 590 x 172 x 291 mm

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