

Beethoven Concert Grand

General



Scale, power and grandeur are all conferred by its name. As with all models in the Grand™ range, the composer name is selected based on the scale, complexity and power of performance for which they are best known. The term Concert Grand, like the piano of the same designation, refers to its ability to deliver this level of performance in large concert halls and music rooms. The new 3-way Concert Grand delivers far more than just power and scale. The careful listener will delight in the lucidity and clarity of the all-important middle ranges where virtually all instruments find their tonic origins. Here it excels, with a natural ease, clarity and quietness where only a few much more expensive designs have tread. For a large-scale screening room or theater, the Concert Grand delivers even the most demanding scenes with an ease that allows for deeper immersion into the film experience. A truly extraordinary product that will re-calibrate your expectations.

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.

Beethoven Concert Grand

Features



Three new 7" Spidercone bass drivers (or ULF, Ultra Low Frequency, drivers), feature a reworked motor assembly and revised placement of the XXP ribs, providing increased output, extension and control. The huge surface area that results from the use of three of these extraordinary drivers means effortless reproduction of extreme bass dynamics with articulation and force.

All bass and midrange drivers benefit from a new inverted rubber surround design and formulation that constitutes a breakthrough in no loss damping of cone edge resonances.



The new 6" midrange driver benefits from a reformulation of Vienna Acoustics' proprietary XPP cone material. Combining TPX, the unique thermoplastic used in all XPP cones, with three polypropylene based synthetics, achieves maximum inner damping, ultra-low mass, and precise control over cone density and rigidity. Dubbed X3P (X3P because of the three additional polymers in its composition) this new cone material allows the driver to provide an extraordinarily wide bandwidth, while possessing a level of inner detail, quietness, and control that is truly remarkable.

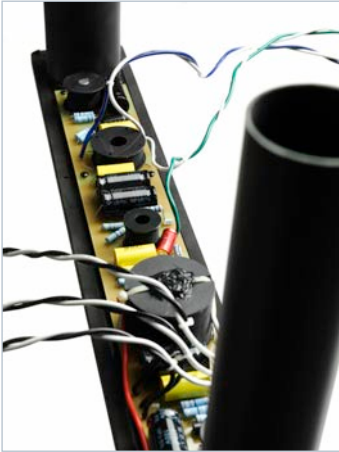
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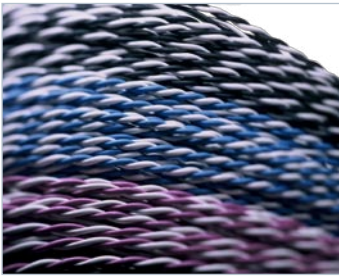
The new tweeter was developed by Vienna Acoustics, in conjunction with Scan Speak, resulting in greater resolution of the subtlest of high frequency impulses while maintaining the midrange warmth and clarity for which Vienna Acoustics has been renowned.

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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.



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 terminal 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.



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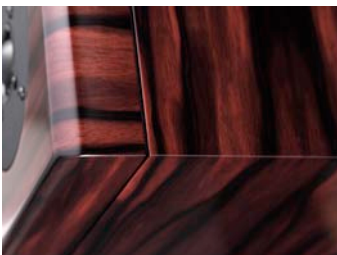
Innovative and unique grilles feature an aluminum frame that incorporates an integral V-shaped phase diffuser to control dispersion so that they can be left on for all but the most critical listening without an adverse influence on performance. In fact, it can be used as an additional tuning device for 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.



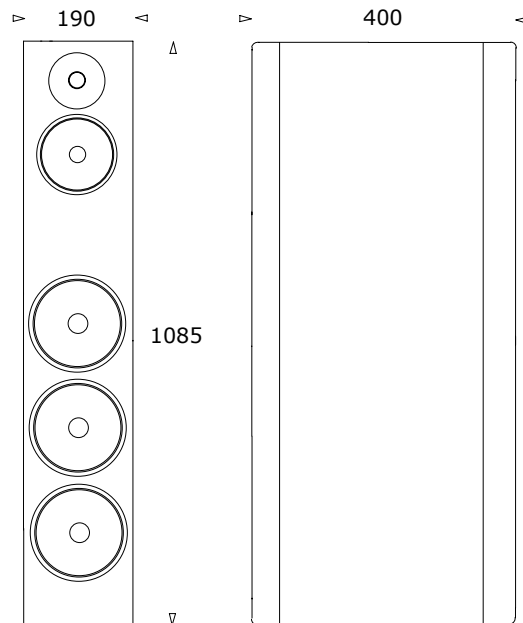
Special decoupling and stability optimization through the use of a high-pressure die cast aluminum spike assembly and solid steel spikes further improve performance.



Cabinets boast massive baffles that are 1.6" thick, 30% 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.



Specs



Impedance
Frequency Response
Sensitivity
Recommended Amplifiers Drive Units
7" Woofer (3)
6" Midrange
1.1" Dome-Tweeter
Bass System
Bass Function
zCrossover Components

4 Ohms
 28-22000 Hz
 91 dB
 50 - 300 Watts
 XPP „Spidercone“
 X3P Cone
 Hand-Coated VA Silk Dome
 Bass Reflex
 Impulse Optimizing QB 3 (Quasi-Butterworth)
 MKP Capacitors, 1% tolerance
 Coils 0,7% tol., Midrange/Tweeter Section
 Air Coils, Special Powder Core for Bass
 Section
 Metal Film Resistors 1% tol., Inductance Free
 3-way, 6 dB and 12 dB Bessel
 144 Ibs
 7,5 x 42,7 x 15,7" (without spike assembly)
 9,5 X 44,5 X 17.75 (with spike assembly)
 190 x 1085 x 400 mm (without spike assembly)

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

Optimized aluminium spike assembly included.

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