



the art of natural sound  
[www.vienna-acoustics.com](http://www.vienna-acoustics.com)



## Introducing Principal Grand

All at once the possibilities of music, space and naturalness find its way into our newest product – Principal Grand.

Why Principal? Strength, power and beauty: principal refers technically to the most pure of sounds from an organ; that which is not an imitation of other instruments. Following with this traditional definition, the Principal Grand subwoofer should never be confused with a woofer but rather is built as an example of the truest form of Sub-Woofer. Properly designed loudspeakers already have woofers. The Principal Grand subwoofer is designed to add the last octave of bass reinforcement below traditional woofers allowing for a greater sense of space and focus. Of course in home theater applications this also means the visceral experience the sound editors originally created and which are only now being realized with the latest high resolution multi-channel audio and video formats.

The creation of this newest product rests on tried and true philosophies. The driver is first. Working very closely with the Danish manufacturer ScanSpeak, we have created an all new proprietary 12" driver. This new hand crafted and made in Denmark driver delivers tremendous power while still having the finesse and speed necessary to properly integrate with our loudspeakers.

To control this driver we have sourced a beautifully constructed, two piece electronics package. The amplifier is of course extremely powerful offering a conservative 300watts. To maintain absolute control, all controls and the filter network is mounted in a completely separate enclosure beautifully hidden from view below the subwoofer itself. Lastly, and most obviously, the cabinet. As with all of our fine cabinets, only the finest in hand crafting from Northern Italy is accepted. Whether piano black or white, or either of our specially sourced wood veneers: cherry, maple or rosewood, we only select the finest. Strength, power and beauty.

Vienna Acoustics – The Art of Natural Sound™

Bass System	Bass-Reflex Design – Bottom vented (requires 25mm/1" to 50mm/2" from vent to floor)
Frequency Response	20Hz – 100 Hz
Driver Design	Proprietary Pulp-Paper Carbon filled cone manufactured by ScanSpeak, designed by Vienna Acoustics
Amplifier	300 Watts  SMD Technology
Inputs	(2) High-Level (~1,0000)  (2) Line-Level via Phono (RCA) – Plugs
Controls	Power on/Standby (standby <1watt)  0° - 180° Phase switch  Variable crossover control  Variable gain control
Weight	26kg / 58lbs
Dimensions (w x h x d)	385mm/15.25" x 495mm/19.5" x 385mm/15.25" (including spikes)

