MANGER
PRECISION IN SOUND

Swing

Swing ...the next generation of "box-less" loudspeakers from Manger.

The idea of developing a loudspeaker exclusively tailored to the Manger sound transducer has fascinated us for a long time. A design that would successfully celebrate this broadband transducer's longstanding reputation for excellence was both challenging and overwhelming, to say the least.

Throughout development our design engineers were often reminded of their self-imposed challenge to create an architectural structure that would reflect the innermost qualities of the Manger transducer - an irresistibly simple form, yet uncannily musical in performance.

From the beginning we dismissed any notion of adhering to conventional loudspeaker wisdom - it simply wasn't good enough. We felt, then, that this first-of-its-kind cabinet design would transcend the Manger loudspeaker to a level never thought possible - but getting there would be no easy task by any stretch of the imagination ...but we did.

Presenting "Swing" ...the first in a lineup of next-generation loudspeakers from Manger that promises to further the art of hi-fidelity. Completed in time to make its performance debut at the "High-End 2001" audio electronics show in Europe, the Swing mesmerized show goers with its sensual eye-appeal and stunning performance qualities.

At first glance, the Swing is likely to be mistaken for a beautiful piece of art; something an interior designer might use to create interest in a special room. However, upon close inspection the all-too familiar transducer reveals a most unique looking loudspeaker - a magnificently sculpted structure made from exotic hardwood and pure slate.

The new Swing represents an extraordinary marriage between technology and design. The pedestal, for example, is meticulously bevelled from solid slate, providing superb resonate-free stability for the cabinet and timeless beauty for the owner.

Furthermore, the Swing proudly boasts a highly-technologically advanced double-wall cabinet construction, rendering the issue of resonance moot. And, too, the front-facing sound panel is "floating" in the main assembly and therefore is acoustically decoupled from the cabinet.

There's more... even the overall shape of the cabinet was designed with a specific goal in mind: unrestricted propagation of sound. Like a sphere, there are no flat surfaces on the Swing. And the asymmetrical positioning of the transducer glorifies the sound's unrestricted behavior, leaving the listener spellbound as to hearing the recording but not the speakers.

The new MANGER Swing is pure heartfelt emotion - a contribution to the harmonious peoples of the world. Enjoy...

Specifications

Driver
MANGER Sound Transducer (MSW) W05 1,2.2.16

Subwoofer
Optional: The Manger subwoofer expands the lower frequency range of the SWING down to 20 Hz.
For further information ask for the data sheet.

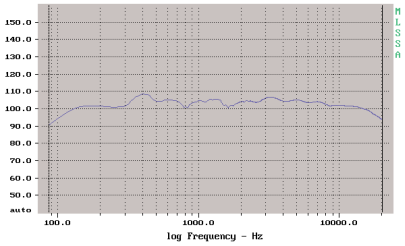
Crossover
High-pass 1st order, Mcap + Mcap Supreme capacitors
Recommended subwoofer crossover frequency: ~ 90 Hz

Cabinet, Material / Finish
NEW MANGER "FloatRite" Design - inner walls are completely lined with extra-heavy damping panels that "float" in the main assembly.
Body: HDF / Pure Satin Black
Sound Panel: East Indian Rosewood - Bubinga - Cherry Wood / MANGER "UltraGlo"

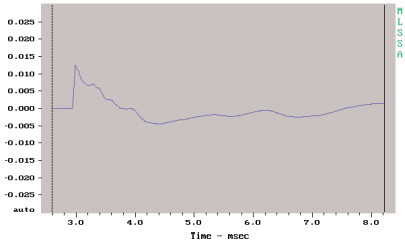
Pedestal
Solid slate - decoupled from the cabinet utilizing MANGER'S "FloatRite" connection.

Dimensions / Weight
Cabinet: 112 x 34 x 12 cm , Pedestal: 4 x 34 x 34 cm / Net: 33 kg, Shipping: 42 kg

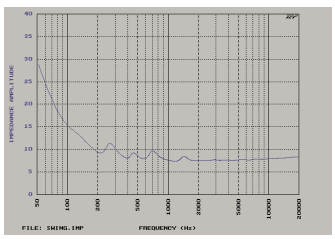
Measuring diagrams



Frequency response: The aperiodic radiation impedance adapting of the special cabinet shape produces a highly balanced frequency characteristic
Linear from 100 Hz - 25 kHz (-3 dB), 35 kHz (-10 dB) with subwoofer, depending on model, down to 20 Hz



Step response: The extremely fast rise-time of the Manger sound transducer in combination with the special cabinet design produce a step response which can hardly be more perfect, without any disturbing post-ringing. Here the successful symbiosis of form and function is again evident.



Impedance curve: The principle of the bending-wave transducer leads to an extremely linear impedance curve right up to highest frequencies. Ideal conditions for the amplifier.

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