

## Soundstage.



You can't dispense with a low bass sound, whether you are a music-lover with wide experience of live concerts, or a fan of home cinema systems. The established Manger philosophy says that it makes no difference what style or performance you prefer listening to in the comfort of your own four walls. The kettledrum from the concert-hall should retain its original magnitude and the decay should not last any longer than in real life. And similarly the rumbling of a thunderstorm should also create a true-to-life backdrop.

A low and dry-sounding bass that is balanced and realistic across a very wide frequency range is the outstanding feature of the Manger Subsonice. To achieve this we reverted to existing servo-technology, optimized to meet our requirements and implemented state of the art engineering in the cabinet design. The precisely balanced control electronics with a measuring microphone measuring the sound pressure immediately in front of the diaphragm guarantees that the bass never loses control, even with the lowest tones. The internals of the subwoofer are attenuated using a special method. Specially developed damping

materials achieve the highest absorption rates by superimposing the resonance behaviour and the energy conversion as a result of air friction.

With the remarkable result that the active-control subwoofer with its wide range of possible arrangements can be smoothly integrated into a sound transducer system. The

Subsonice can be combined with the Manger Sidekick to form a satellite system, integrated into existing two-channel or multi-channel systems to reproduce the lowest octave or can form a perfect unit with the Manger Swing. These wide-ranging possibilities therefore fulfil any demands placed on a high-end system.



And the aesthetics have also not been ignored, as is impressively shown by the curved cabinet front with removable baffle. This is a continuation of the unusual design of the Manger Swing and is a harmonious combination

with precise technology. Resulting in a natural bass sound with a homogeneity in the music that can otherwise only be experienced live.

# Manger Subsonic data sheet

## Description

Active, electronically controlled subwoofer, closed cabinet.

## Driver

Very high loading, 25 cm subwoofer with specified data, extremely low-resonance magnesium die-cast basket, high linear excursion and continued very smooth frequency response.

## Electronics

120W amplification, upper frequency controllable from 60Hz to 180Hz, 24dB/octave, lower frequency 25Hz, subsonic filter at 15Hz, -12 dB/octave, switchable, line input, high level input, phase switch

## Cabinet

Cabinet made of high density wooden fibreboard, damped on the inside with floating polymer resin panels, front baffle as multi-layer sandwich design.

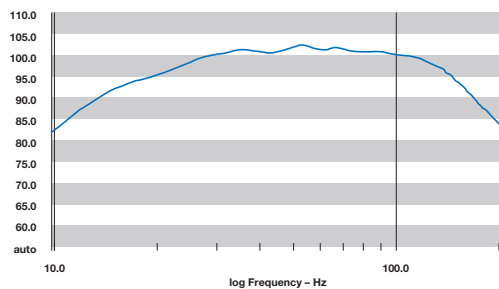
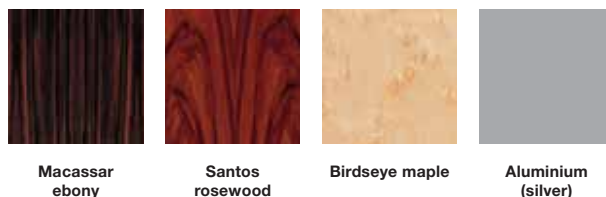
## Dimensions and weight

52 x 34 x 47.5 cm (H x W x D), 30 kg, incl. front baffle

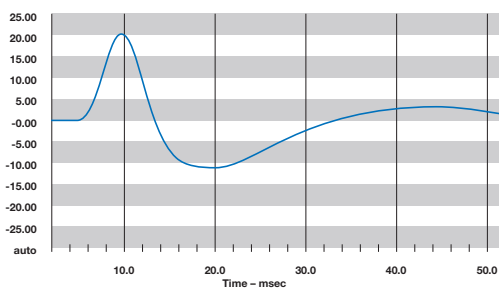
## Finishes

Cabinet silk matt black, front baffle available in various finishes:

- silk matt lacquer: black, white and aluminium (silver)
- silk matt veneers: alder, beech, cherry
- wood veneers: Macassar ebony, Santos rosewood, Poplar burl, Birdseye maple. Other veneers on request.



Frequency response: Beyond all criticism is the extremely flat frequency response from 25 Hz to 180 Hz (- 3 dB), set here at 130 Hz.



Step response: The exemplary step response shows a perfect transient and decay of the Subsonic, the result of electronic control, use of an enclosed cabinet and fine tuning of the overall system.