

# NOVASONAR High Gain 60 PN Mini

Invisible sound system for wooden boards / furniture



Building material and the sound system from a single production source



## Suitable for all conventional wooden boards

Chipboards, MDF etc. with all conventional surfaces and designs, such as paints, veneers, laminates, etc.

Other materials, for example thin-stone, glass, plexiglass etc. on request

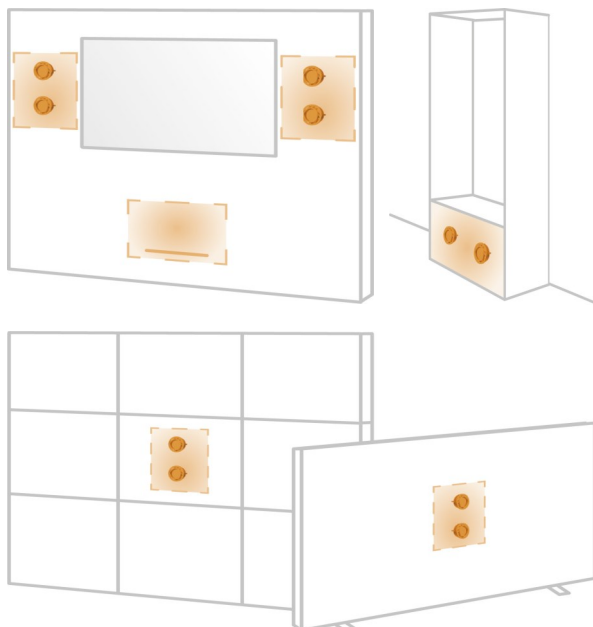
## Description / Technical data

Flat-panel loudspeaker for integration in wooden boards/ furniture on the principle of the bending wave transducer with a flat panel membrane, which is brought to vibration by electrical exciters mounted to the back and with an integrated frequency crossover/filter.

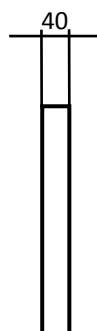
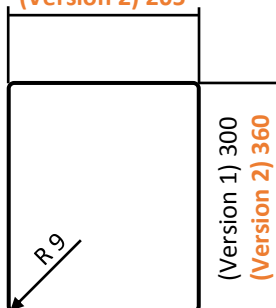
The wooden board has to be milled down to a thickness between 3 mm and 5 mm on the back in the area of the loudspeaker module and thus causes sound-neutrality. The loudspeaker module has to be glued to the back of the thinned surface of the wooden board optionally either with self-adhesive foil or assembly adhesive. This means the loudspeaker is jointlessly and invisibly integrated into the front of the wooden board.

The milling work and the integration of the loudspeaker module into the wooden board/furniture can be done by ML-Audio or by the carpenter/contractor.

Suitable are conventional chipboards, MDF, solid wooden boards, etc. with all usual surfaces, such as, for example, paints, veneers, laminates, etc.



(Version 1) 260  
(Version 2) 205



Dimensions version 1: 260 mm x 300 mm x 40 mm

**Dimensions version 2: 205 mm x 360 mm x 40 mm**

Frequency response: 150 Hz – 20000 Hz

EQ: PN– integrated crossover

Dispersion: 180° x 180°

Power handling: 60 W / 4 Ω

Optional: 70/100 V

Sensitivity: 86 dB (1 w / 1 m)

Max. SPL: 104 dB (1 m)

Manufacturer: ML-Audio und Carbons GmbH

Model: Novasonar KIT 60 PN Mini

All products subject to technical modification without prior notice. Errors excepted.