NOVASONAR KIT 25 PN ECO

Invisible background sound system for wooden boards / furniture
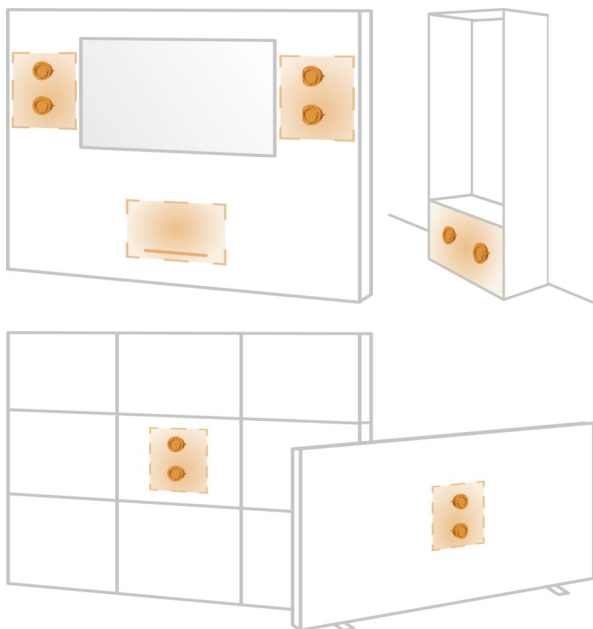
Building material and the sound system from a single production source

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.
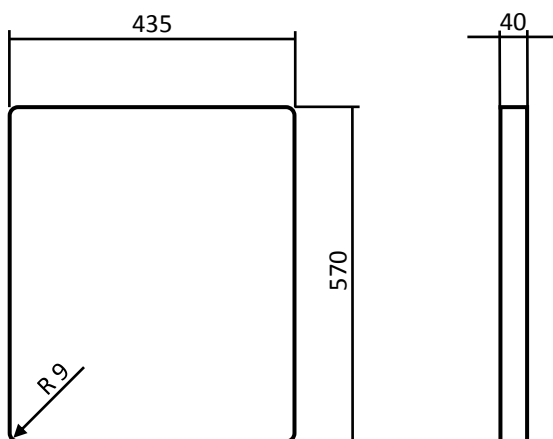
Dimensions:	435 mm x 570 mm x 40 mm
Frequency response:	100 Hz – 20000 Hz
EQ:	PN– integrated crossover
Dispersion:	180° x 180°
Power handling:	25 W / 4 Ω
Optional:	70/100 V
Sensitivity:	79 dB (1 w / 1 m)
Max. SPL:	91 dB (1 m)
Manufacturer:	ML-Audio und Carbons GmbH
Model:	Novasonar KIT 25 PN ECO