

# NOVASONAR DS 60 PN Stereo

Invisible sound system for suspended acoustic canopy panels



Building material and the sound system from a single production source



Available in all existing versions and designs

## Description / Technical data

Flat-panel loudspeaker 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 two integrated frequency crossovers/filters for dual channel input for stereo applications.

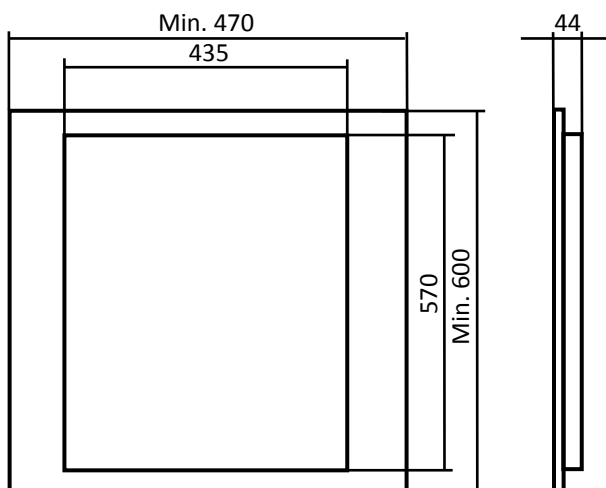
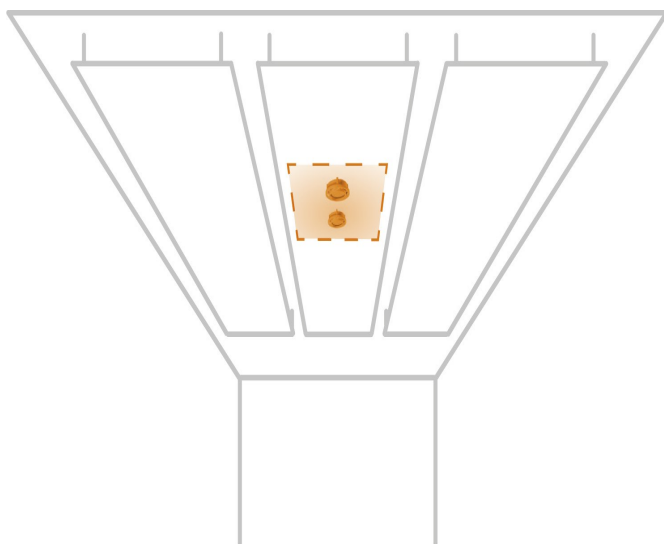
The loudspeaker comprises a conventional acoustic canopy panel with a factory-integrated flat-panel loudspeaker. The panel is stripped down to a minimum thickness on the back in the area of the loudspeaker membrane by means of milling and thus causes sound-neutrality.

Materials and assembly do not differ from other construction materials used and as a result, there are no „alien bodies“ in the installation.

Factory integration of the flat-panel loudspeaker in the building material precludes any errors in installation and guarantees continuously assembly and processing technology in drywall work without material change, therefore ensuring smooth progress on the building site.

Use of original acoustic panels will ensure continuous design in configuration of several panels - no matter whether with or without loudspeakers.

The flat-panel loudspeaker can also be factory-integrated into existing panels which are already mounted.



Dimensions (standard):	Minimum 470 mm x 600 mm (depending on the panel)
Building material:	Acoustic canopy panel
Frequency response:	80 Hz – 20000 Hz
EQ:	PN– integrated crossovers
Dispersion:	180° x 180°
Power handling:	2 x 30 W / 2 x 8 Ω
Optional:	70/100 V
Sensitivity:	83 dB (1 w / 1 m)
Max. SPL:	101 dB (1 m)

Manufacturer: ML-Audio und Carbons GmbH  
Model: Novasonar DS 60 PN Stereo

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