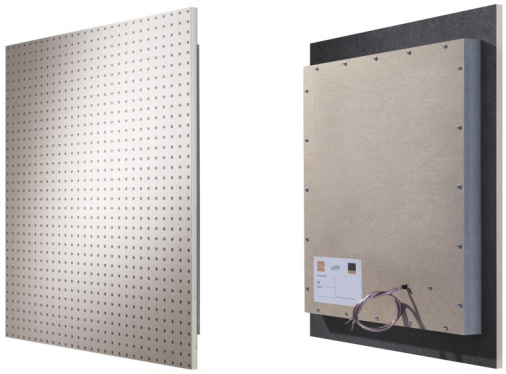
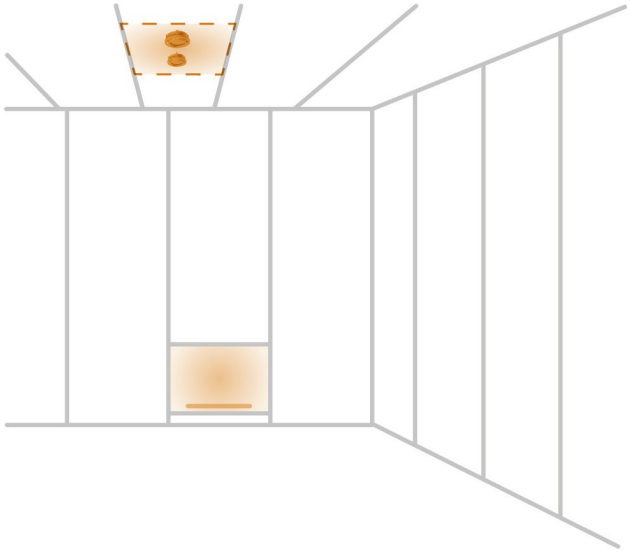
NOVASONAR GL 30 PN

Invisible sound system for perforated gypsum plaster boards

Building material and the sound system from a single production source



Available in all usual perforated gypsum plaster boards



Description / Technical data

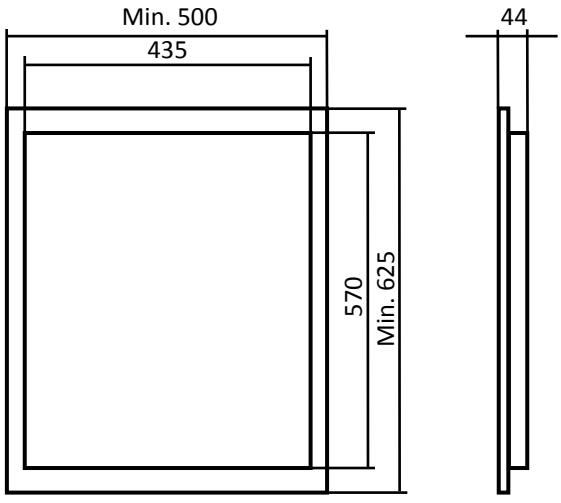
Flat-panel loudspeaker on the principle of the bending wave transducer with a flat panel membrane, which is brought to vibration by electrical exciters mounted to the back and with an integrated frequency crossover/filter.

The loudspeaker comprises a conventional perforated gypsum plaster board with a factory-integrated flat-panel loudspeaker. The board 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. The flat-panel membrane behind the perforation is adapted in colour to the back covering of the perforated gypsum-plaster board.

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

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

After installation, the hole pattern of the ceiling is continuous. The surface can be coated with all conventional materials, such as, for example, paint.



Dimensions (standard):	Minimum 500 mm x 625 mm (depending on the hole pattern)
Building material:	Perforated Gypsum plaster board
Frequency response:	80 Hz – 20000 Hz
EQ:	PN-integrated crossover
Dispersion:	180° x 180°
Power handling:	30 W / 8 Ω
Optional :	70/100 V
Sensitivity:	80 dB (1 w / 1 m)
Max. SPL:	92 dB (1 m)

Manufacturer:	ML-Audio und Carbons GmbH
Model:	Novasonar GL 30 PN

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