

NOVASONAR - Invisible loudspeaker

KIT-Series



Power handling: 30 Watts	
Dimensions: 435 mm x 570 mm	
KIT 30 (Ext. DSP recommended)	2
KIT 30 / PN (Incl. frequency crossover)	3

Power handling: 60 Watts	
Dimensions: 435 mm x 570 mm	
KIT 60 (Ext. DSP recommended)	4
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KIT 60 Stereo (Ext. DSP recommended)	6
KIT 60 Stereo / PN (Incl. frequency crossover)	7
High Gain 60 (Ext. DSP recommended)	8
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PN = Integrated frequency crossover

Please click on the products to open the respective **data dpecification sheet**

www.novasonar.de

Specification sheets

NOVASONAR KIT 30

Invisible sound system for wooden boards / furniture



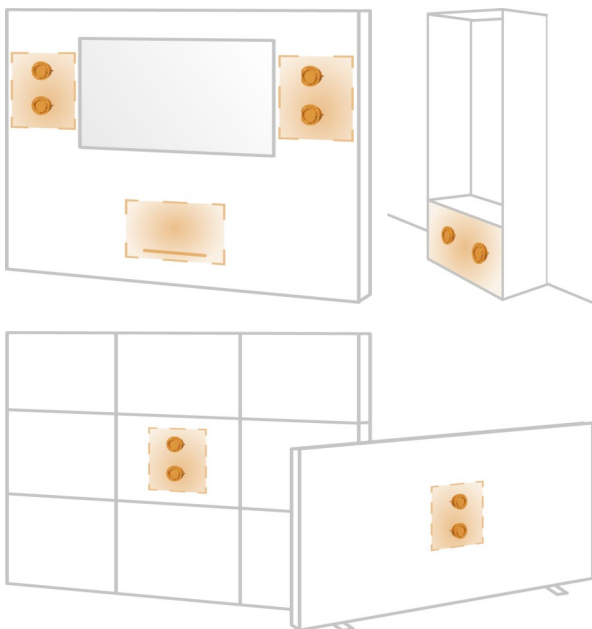
Building material and the sound system from a single production source



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



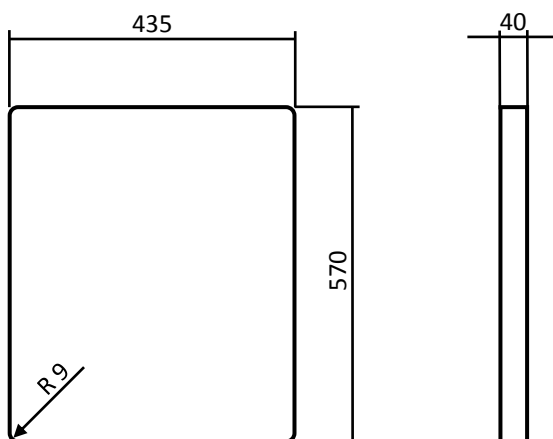
Description / Technical data

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.

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:	80 Hz – 20000 Hz
EQ:	External
Dispersion:	180° x 180°
Power handling:	30 W / 8 Ω
Optional:	70/100 V
Sensitivity:	80 dB (1 w / 1 m)
Max. SPL:	95 dB (1 m)

Manufacturer:	ML-Audio und Carbons GmbH
Model:	Novasonar KIT 30

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NOVASONAR KIT 30 / PN

Invisible sound system for wooden boards / furniture



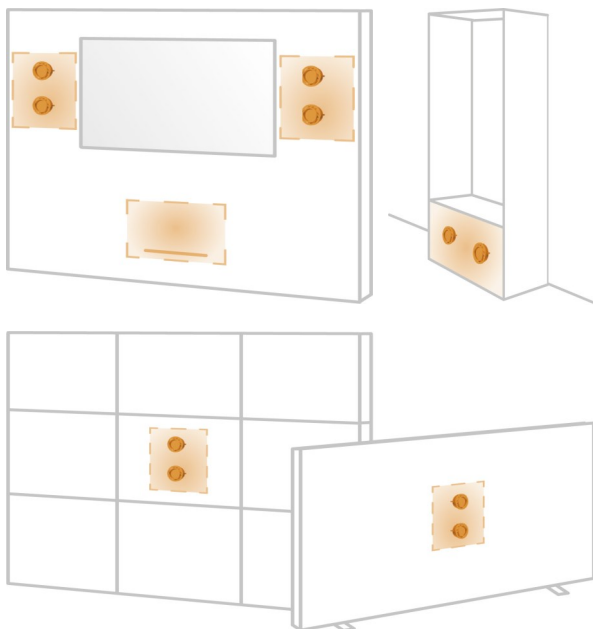
Building material and the sound system from a single production source



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



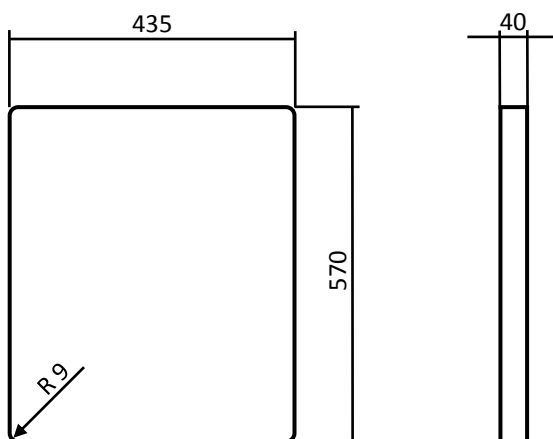
Description / Technical data

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.



Dimensions:	435 mm x 570 mm x 40 mm
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:	95 dB (1 m)

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

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NOVASONAR KIT 60

Invisible sound system for wooden boards / furniture



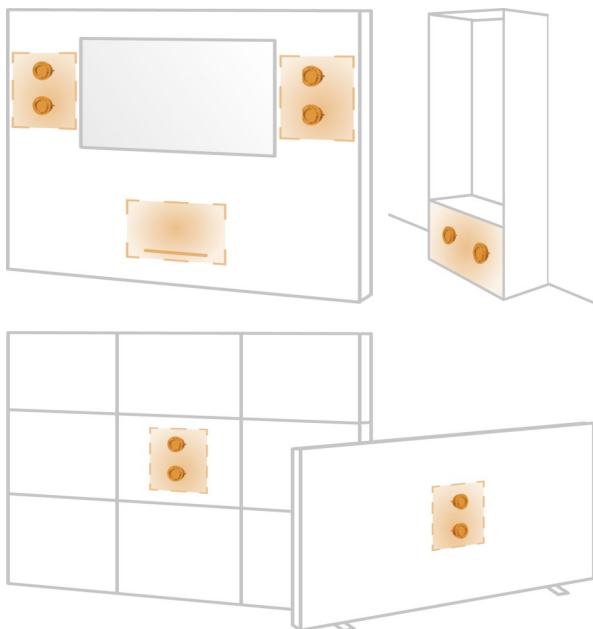
Building material and the sound system from a single production source



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



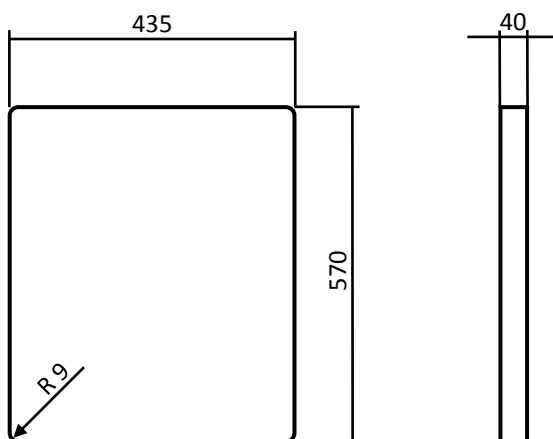
Description / Technical data

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.

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:	80 Hz – 20000 Hz
EQ:	External
Dispersion:	180° x 180°
Power handling:	60 W / 4 Ω (Optional 16 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 KIT 60

NOVASONAR KIT 60 / PN

Invisible sound system for wooden boards / furniture



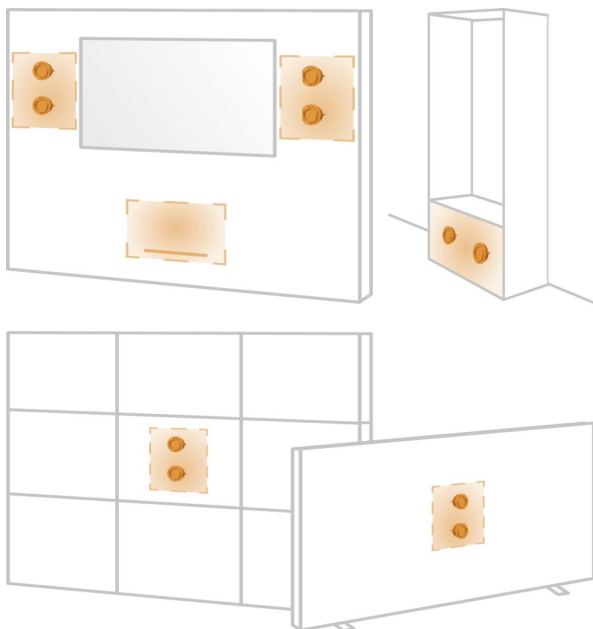
Building material and the sound system from a single production source



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



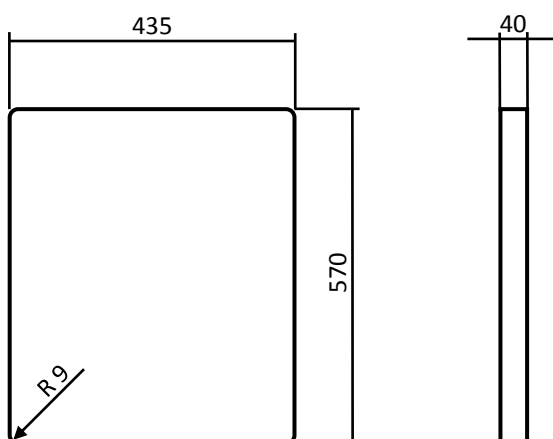
Description / Technical data

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.



Dimensions:	435 mm x 570 mm x 40 mm
Frequency response:	80 Hz – 20000 Hz
EQ:	PN– integrated crossover
Dispersion:	180° x 180°
Power handling:	60 W / 4 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 KIT 60 / PN

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NOVASONAR KIT 60 Stereo

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

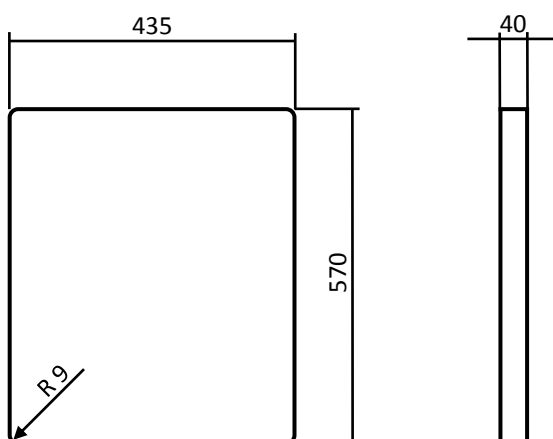
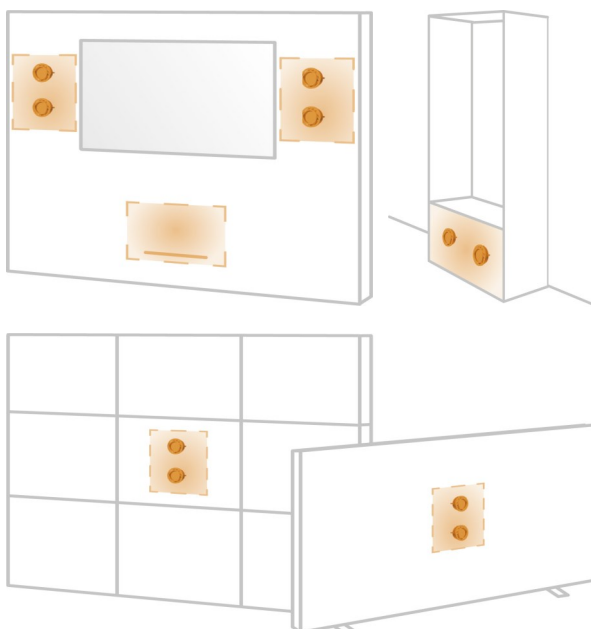
Description / Technical data

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 dual channel input for stereo applications.

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:	80 Hz – 20000 Hz
EQ:	External
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 KIT 60 Stereo

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NOVASONAR KIT 60 Stereo / PN

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

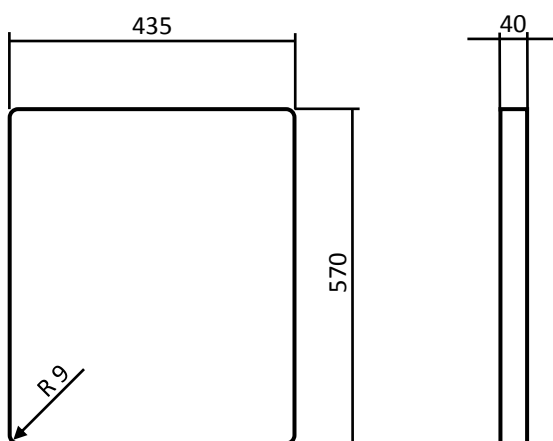
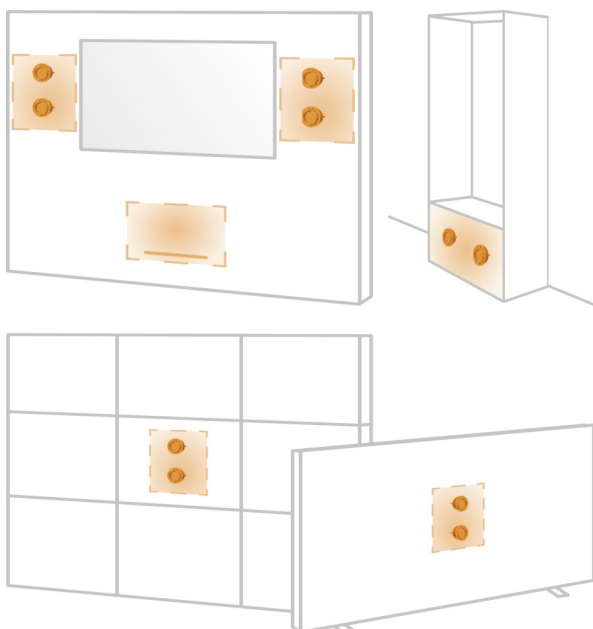
Description / Technical data

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 two integrated frequency crossovers/filters for dual channel input for stereo applications.

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:	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 KIT 60 Stereo / PN

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NOVASONAR High Gain 60

Invisible sound system for wooden boards / furniture



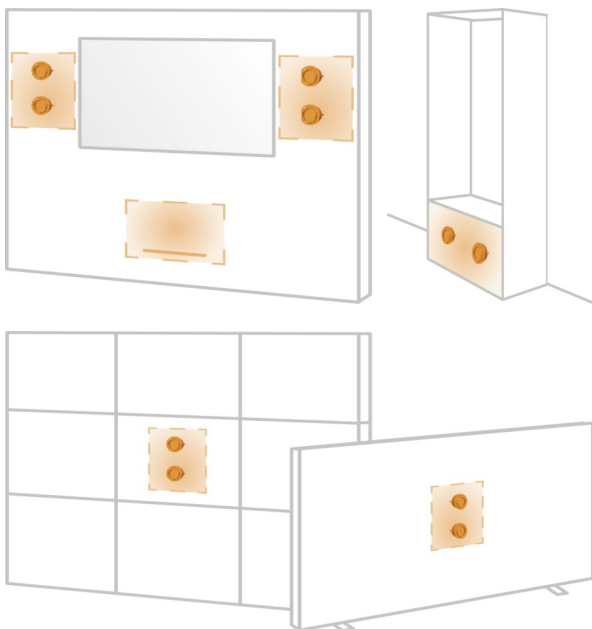
Building material and the sound system from a single production source



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



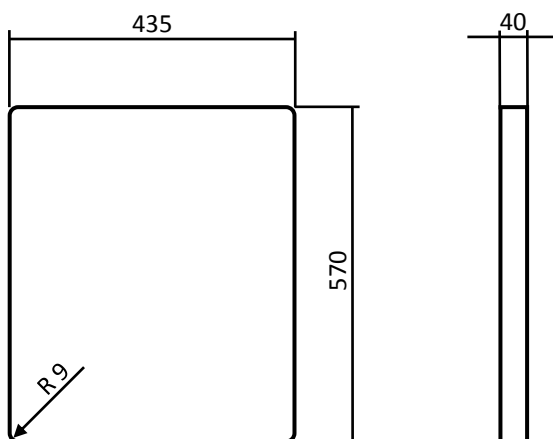
Description / Technical data

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.

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Dimensions:	435 mm x 570 mm x 40 mm
Frequency response:	80 Hz – 20000 Hz
EQ:	External
Dispersion:	180° x 180°
Power handling:	60 W / 4 Ω (Optional 16 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 High Gain 60

NOVASONAR High Gain 60 / PN

Invisible sound system for wooden boards / furniture



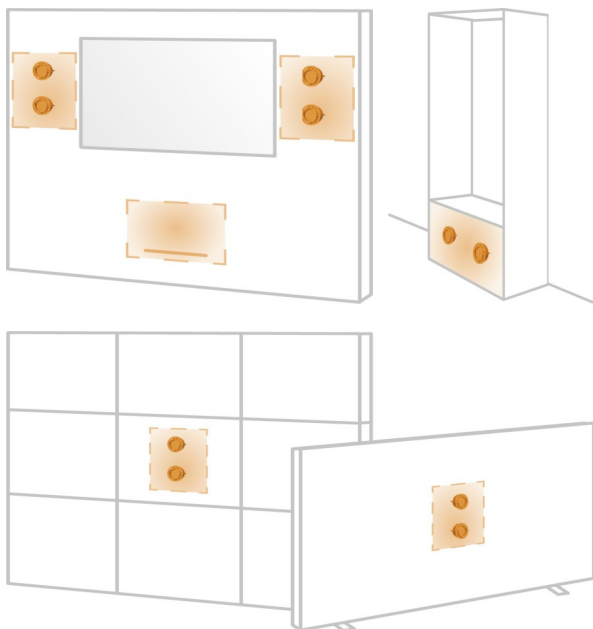
Building material and the sound system from a single production source



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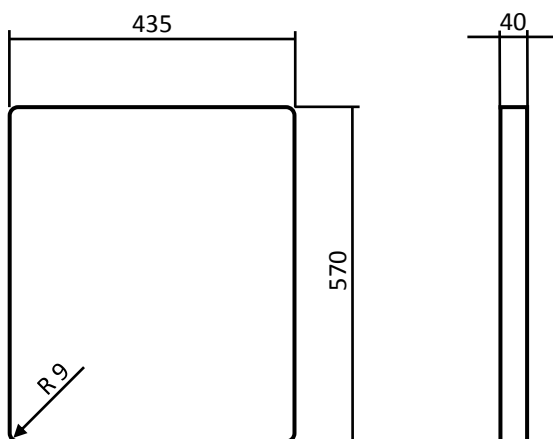
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Flat-panel loudspeaker for integration in wooden boards/ furniture on the principle of the bending wave transducer with a flat panel membrane, which is brought to vibration by electrical exciters mounted to the back and with an integrated frequency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

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Dimensions:	435 mm x 570 mm x 40 mm
Frequency response:	80 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 High Gain 60 / PN

NOVASONAR High Gain 60 Stereo

Invisible sound system for wooden boards / furniture



Building material and the sound system from a single production source



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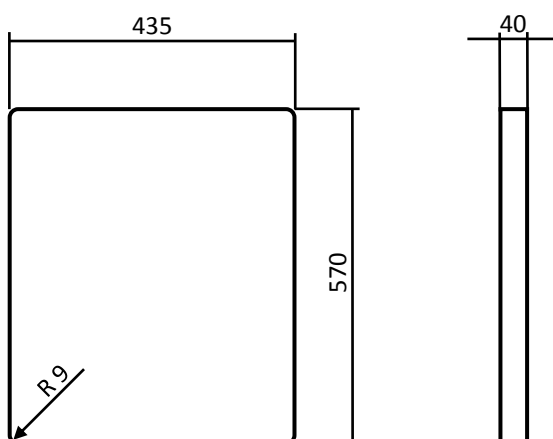
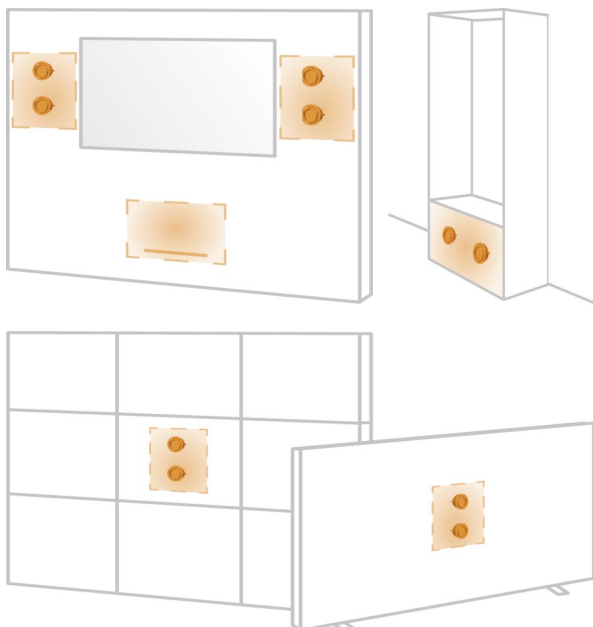
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Manufacturer: ML-Audio und Carbons GmbH
Model: Novasonar High Gain 60 Stereo

NOVASONAR High Gain 60 Stereo / PN

Invisible sound system for wooden boards / furniture



Building material and the sound system from a single production source



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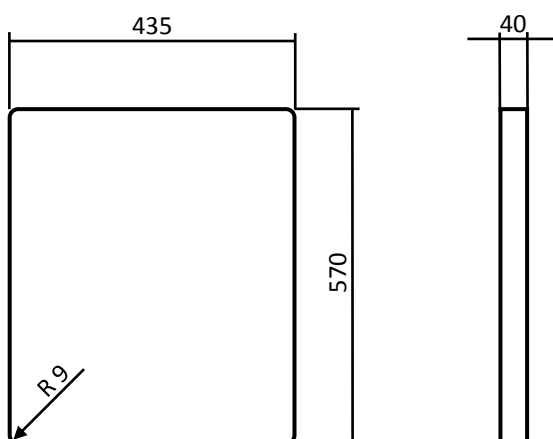
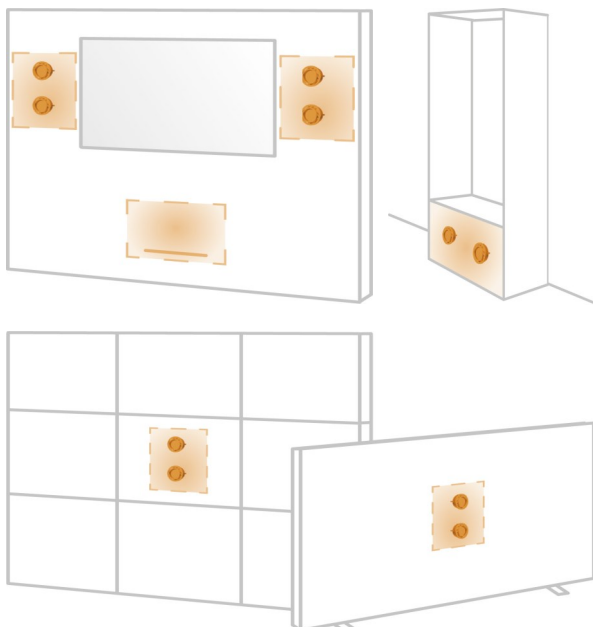
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Sensitivity:	86 dB (1 w / 1 m)
Max. SPL:	104 dB (1 m)

Manufacturer:	ML-Audio und Carbons GmbH
Model:	Novasonar High Gain 60 Stereo / PN

NOVASONAR Invisible Sound System

WITH THE INTELLIGENT INTEGRATION CONCEPT FOR A PERFECT INSTALLATION



ML-Audio und Carbons GmbH

Lautsprechertechnik

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55124 Mainz

Germany

Tel. +49 6 131 60 30 723

Fax +49 6 131 60 30 796

Email: info@mlaudio.de

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Data sheets valid from 2019/09/01



KIT-Series

For wooden materials etc. and furniture



NOVASONAR - Invisible loudspeaker

KIT-Series



Power handling: 30 Watts

Dimensions: 435 mm x 570 mm

KIT 30 (Ext. DSP recommended)

KIT 30 / PN (Incl. frequency crossover)

Power handling: 60 Watts

Dimensions: 435 mm x 570 mm

KIT 60 (Ext. DSP recommended)

KIT 60 / PN (Incl. frequency crossover)

KIT 60 Stereo (Ext. DSP recommended)

KIT 60 Stereo / PN (Incl. frequency crossover)

High Gain 60 (Ext. DSP recommended)

High Gain 60 / PN (Incl. frequency crossover)

High Gain 60 Stereo (Ext. DSP recommended)

High Gain 60 Stereo / PN
(Incl. frequency crossover)

PN = Integrated frequency crossover

Suitable for all conventional wooden boards

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

Other materials on request.

www.novasonar.de

Product overview