

NOVASONAR - Invisible loudspeaker

# GK-Series



Power handling: 30 Watts Dimensions: 500 mm x 625 mm		Power handling: 30 Watts (NA) Dimensions: 400 mm x 600 mm	
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**PN = Integrated frequency crossover**  
**NA = Optional standard size**

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

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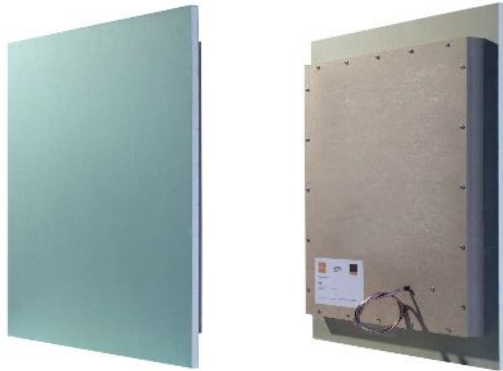
Specification sheets

# NOVASONAR GK 30

Invisible sound system for coverings made of gypsum plaster boards



Building material and the sound system from a single production source



## Available in the following gypsum plaster boards

Standard version:	Gypsum plaster board green/ 12,5 mm
Special executions:	Gypsum plaster boards in all usual versions

## Description / Technical data

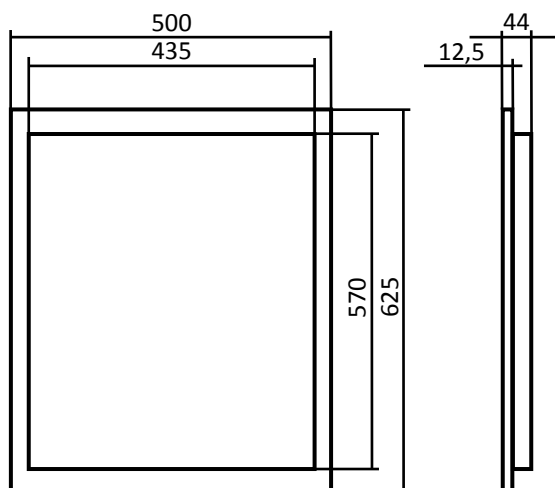
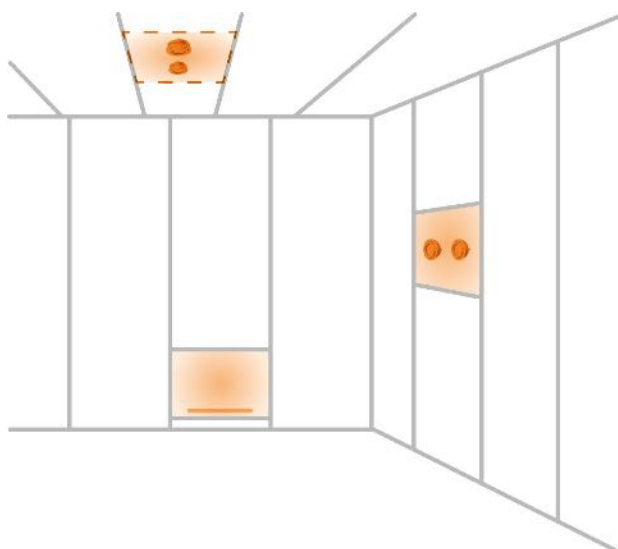
Flat-panel loudspeaker on the principle of the bending wave transducer with a flat panel membrane, which is brought to vibration by electrical exciters mounted to the back.

The loudspeaker comprises a conventional 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.

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 continuously assembly and processing technology in drywall work without material change, therefore ensuring smooth progress on the building site.

The surface can be coated with all conventional materials, such as, for example, paint, plaster techniques, wallpapers, etc.



Dimensions (standard):	500 mm x 625 mm
Building material:	Gypsum plaster board
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 GK 30

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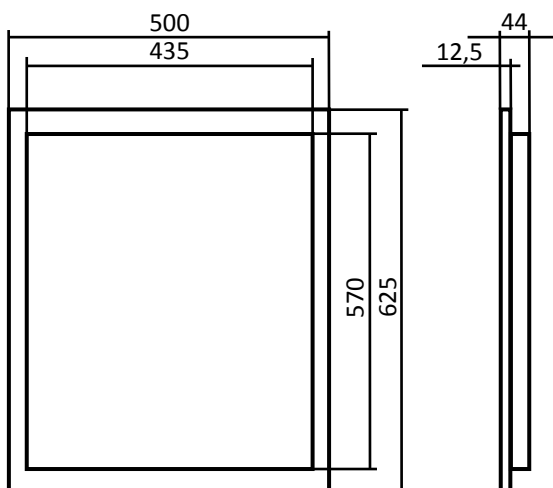
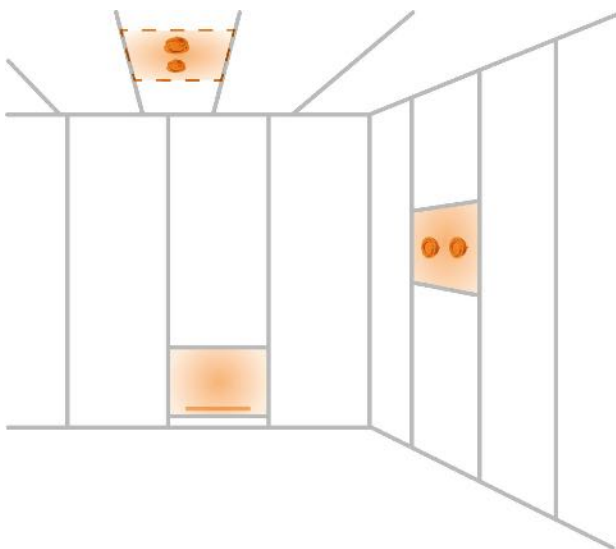
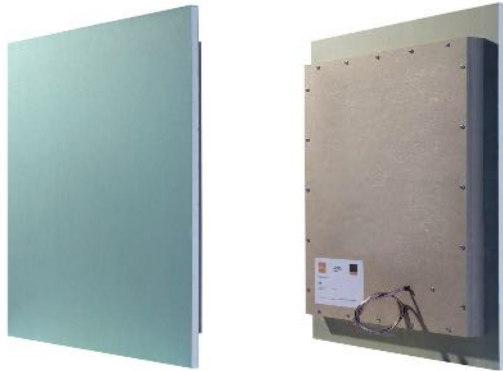
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# NOVASONAR GK 30 / PN

Invisible sound system for coverings made of gypsum plaster boards



Building material and the sound system from a single production source



## Available in the following gypsum plaster boards

Standard version:	Gypsum plaster board green/ 12,5 mm
Special executions:	Gypsum plaster boards in all usual versions

## 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 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.

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 continuously assembly and processing technology in drywall work without material change, therefore ensuring smooth progress on the building site.

The surface can be coated with all conventional materials, such as, for example, paint, plaster techniques, wallpapers, etc.

Dimensions (standard):	500 mm x 625 mm
Building material:	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:	95 dB (1 m)

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

# NOVASONAR GK 30 NA

Invisible sound system for coverings made of gypsum plaster boards



Building material and the sound system from a single production source



## Available in the following gypsum plaster boards

Standard version:	Gypsum plaster board green/ 12,5 mm
Special executions:	Gypsum plaster boards in all usual versions

## Description / Technical data

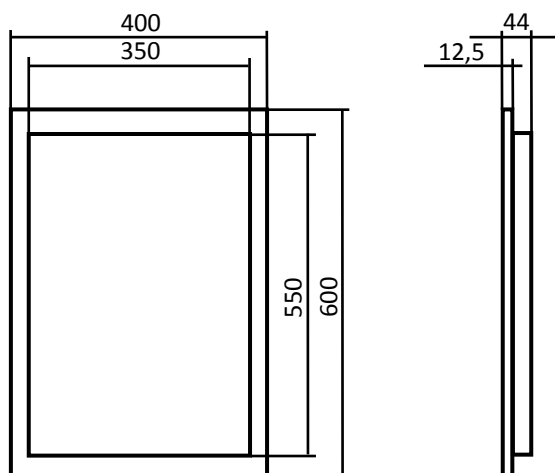
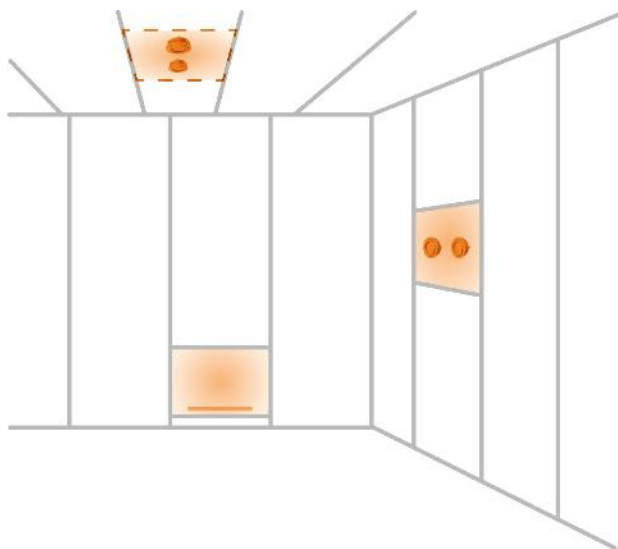
Flat-panel loudspeaker on the principle of the bending wave transducer with a flat panel membrane, which is brought to vibration by electrical exciters mounted to the back.

The loudspeaker comprises a conventional 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.

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 continuously assembly and processing technology in drywall work without material change, therefore ensuring smooth progress on the building site.

The surface can be coated with all conventional materials, such as, for example, paint, plaster techniques, wallpapers, etc.



Dimensions (standard):	<b>400 mm x 600 mm</b>
Building material:	Gypsum plaster board
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 GK 30 NA

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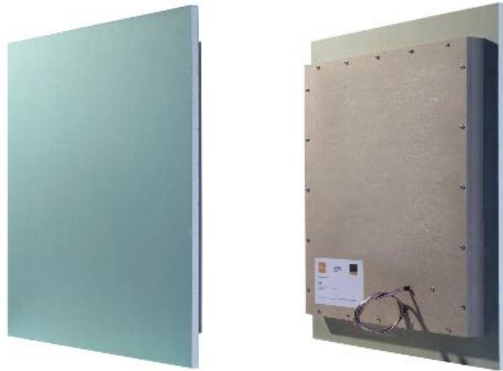
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# NOVASONAR GK 30 NA / PN

Invisible sound system for coverings made of gypsum plaster boards



Building material and the sound system from a single production source



## Available in the following gypsum plaster boards

Standard version:	Gypsum plaster board green/ 12,5 mm
Special executions:	Gypsum plaster boards in all usual versions

## Description / Technical data

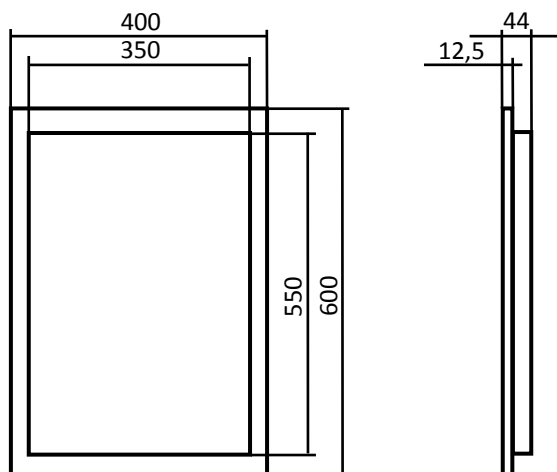
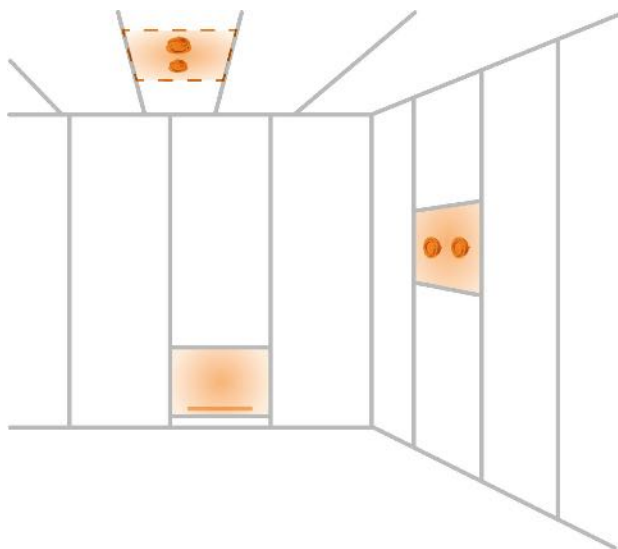
Flat-panel loudspeaker on the principle of the bending wave transducer with a flat panel membrane, which is brought to vibration by electrical exciters mounted to the back and with an integrated frequency crossover/filter.

The loudspeaker comprises a conventional 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.

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 continuously assembly and processing technology in drywall work without material change, therefore ensuring smooth progress on the building site.

The surface can be coated with all conventional materials, such as, for example, paint, plaster techniques, wallpapers, etc.



Dimensions (standard):	<b>400 mm x 600 mm</b>
Building material:	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:	95 dB (1 m)

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

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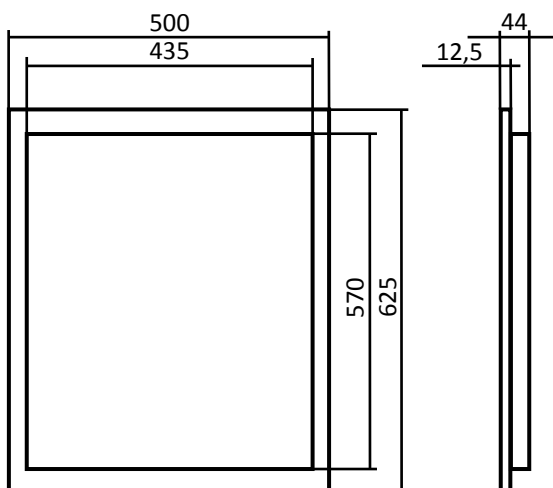
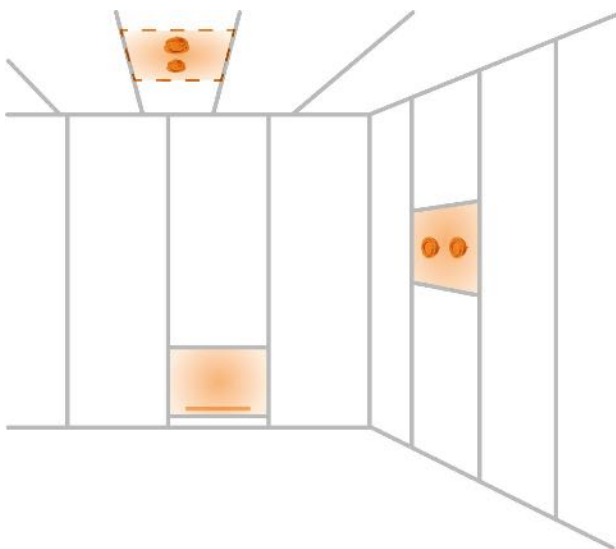
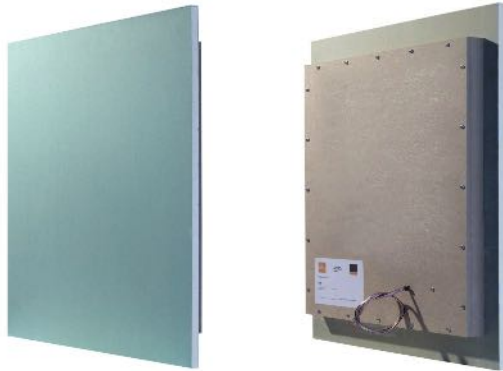
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# NOVASONAR GK 60

Invisible sound system for coverings made of gypsum plaster boards



Building material and the sound system from a single production source



## Available in the following gypsum plaster boards

Standard version:	Gypsum plaster board green/ 12,5 mm
Special executions:	Gypsum plaster boards in all usual versions

## 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.

The loudspeaker comprises a conventional 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.

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 continuously assembly and processing technology in drywall work without material change, therefore ensuring smooth progress on the building site.

The surface can be coated with all conventional materials, such as, for example, paint, plaster techniques, wallpapers, etc.

Dimensions (standard):	500 mm x 625 mm
Building material:	Gypsum plaster board
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)

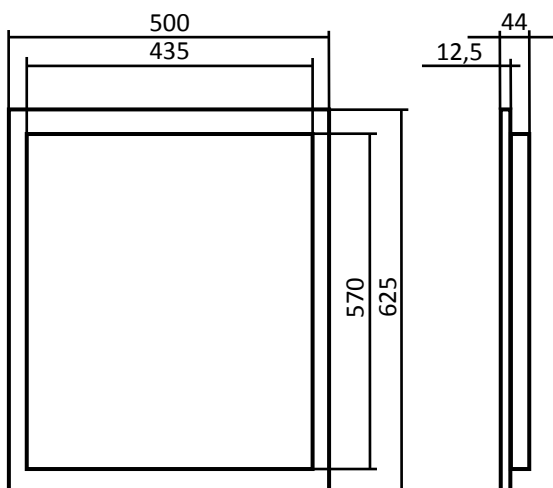
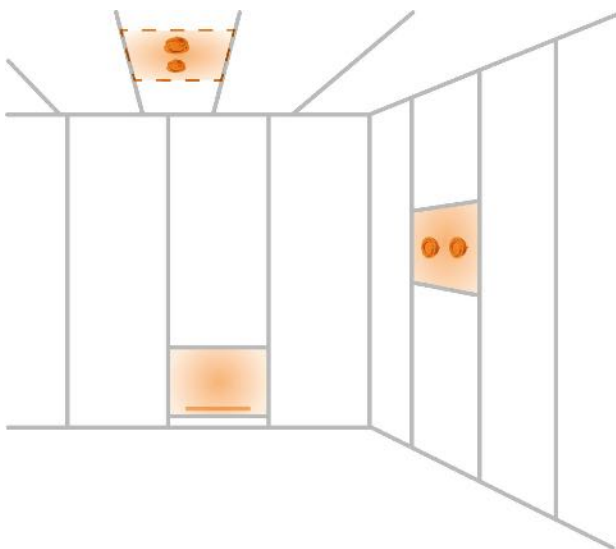
Manufacturer:	ML-Audio und Carbons GmbH
Model:	Novasonar GK 60

# NOVASONAR GK 60 / PN

Invisible sound system for coverings made of gypsum plaster boards



Building material and the sound system from a single production source



## Available in the following gypsum plaster boards

Standard version:	Gypsum plaster board green/ 12,5 mm
Special executions:	Gypsum plaster boards in all usual versions

## 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 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.

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 continuously assembly and processing technology in drywall work without material change, therefore ensuring smooth progress on the building site.

The surface can be coated with all conventional materials, such as, for example, paint, plaster techniques, wallpapers, etc.

Dimensions (standard):	500 mm x 625 mm
Building material:	Gypsum plaster board
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 GK 60 / PN



# NOVASONAR GK 60 Stereo

Invisible sound system for coverings made of gypsum plaster boards



Building material and the sound system from a single production source



## Available in the following gypsum plaster boards

Standard version:	Gypsum plaster board green/ 12,5 mm
Special executions:	Gypsum plaster boards in all usual versions

## Description / Technical data

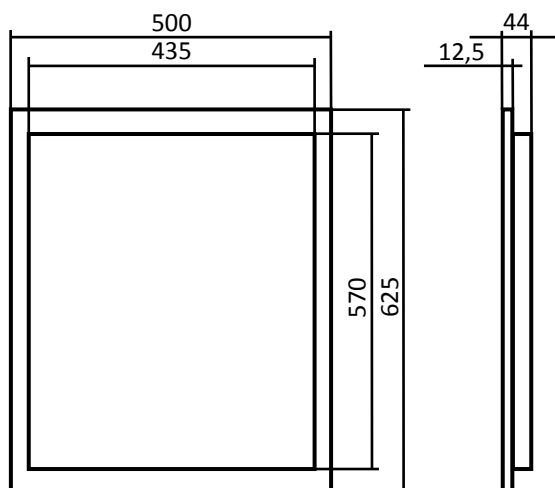
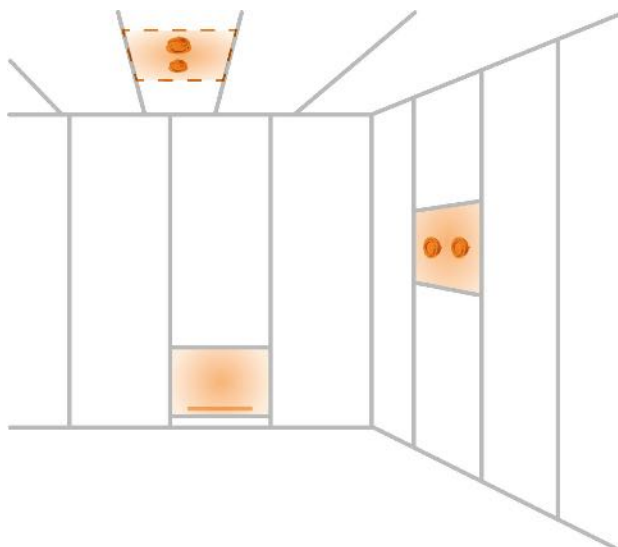
Flat-panel loudspeaker on the principle of the bending wave transducer with a flat panel membrane, which is brought to vibration by electrical exciters mounted to the back and dual channel input for stereo applications.

The loudspeaker comprises a conventional 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.

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 continuously assembly and processing technology in drywall work without material change, therefore ensuring smooth progress on the building site.

The surface can be coated with all conventional materials, such as, for example, paint, plaster techniques, wallpapers, etc.



Dimensions (standard):	500 mm x 625 mm
Building material:	Gypsum plaster board
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 GK 60 Stereo

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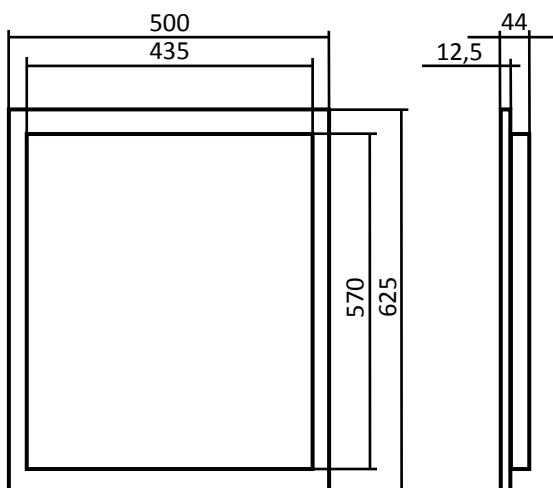
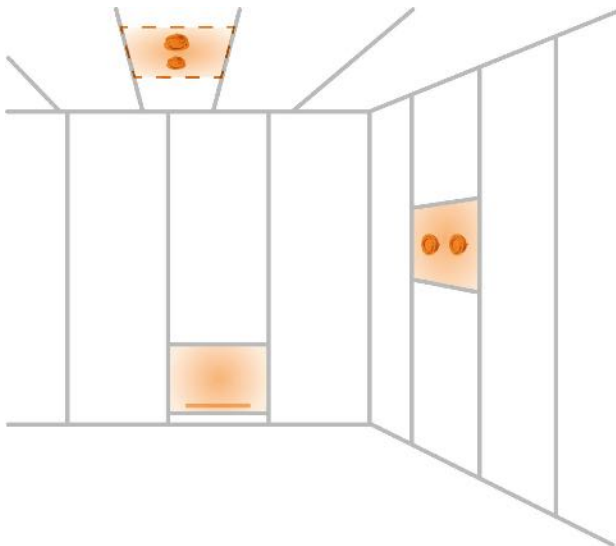


# NOVASONAR GK 60 Stereo / PN

Invisible sound system for coverings made of gypsum plaster boards



Building material and the sound system from a single production source



## Available in the following gypsum plaster boards

Standard version:	Gypsum plaster board green/ 12,5 mm
Special executions:	Gypsum plaster boards in all usual versions

## 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 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.

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 continuously assembly and processing technology in drywall work without material change, therefore ensuring smooth progress on the building site.

The surface can be coated with all conventional materials, such as, for example, paint, plaster techniques, wallpapers, etc.

Dimensions (standard):	500 mm x 625 mm
Building material:	Gypsum plaster board
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 GK 60 Stereo / PN

# NOVASONAR DYNAMIC 60 GK

Invisible sound system for coverings made of gypsum plaster boards



Building material and the sound system from a single production source



## Available in the following gypsum plaster boards

Standard version:	Gypsum plaster board green/ 12,5 mm
Special executions:	Gypsum plaster boards in all usual versions

## Description / Technical data

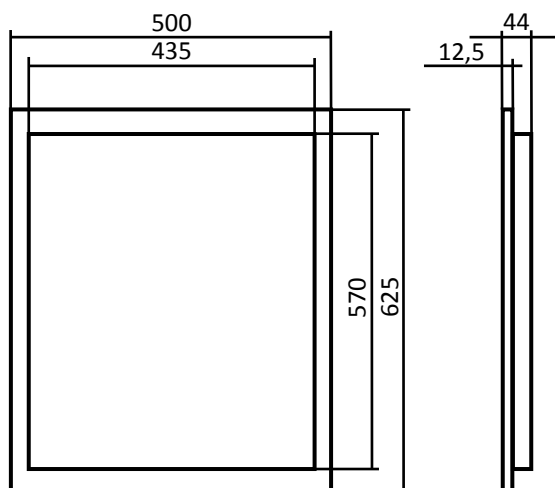
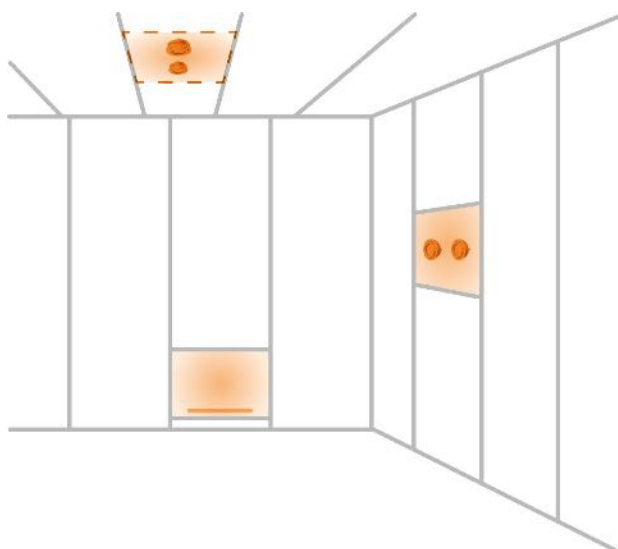
Flat-panel loudspeaker on the principle of the bending wave transducer with a flat panel membrane, which is brought to vibration by electrical exciters mounted to the back.

The loudspeaker comprises a conventional gypsum plaster board with a factory-integrated flat-panel loudspeaker. The board is stripped down to a thickness of 0,8 mm 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 drywall.

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.

The surface can be coated with all conventional materials, such as, for example, paint, plaster techniques, wallpapers, etc.



Dimensions (standard):	500 mm x 625 mm
Building material:	Gypsum plaster board
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 DYNAMIC 60 GK

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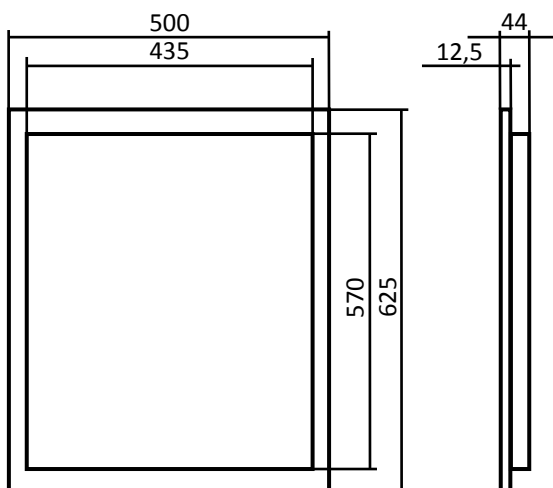
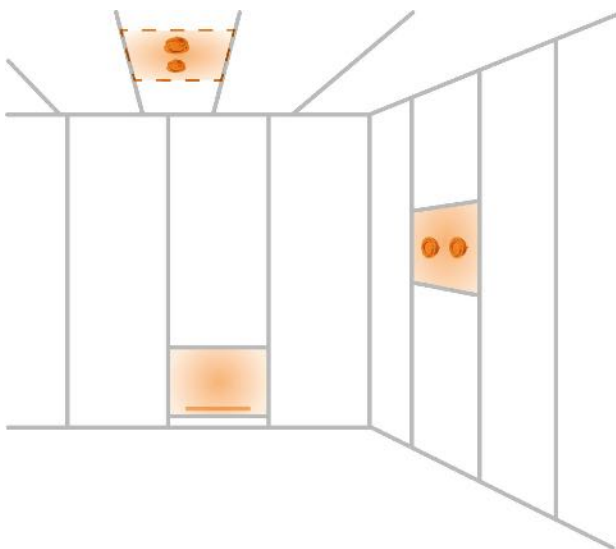
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# NOVASONAR DYNAMIC 60 GK / PN

Invisible sound system for coverings made of gypsum plaster boards



Building material and the sound system from a single production source



## Available in the following gypsum plaster boards

- |                     |  |
|---------------------|--|
| Standard version:   | Gypsum plaster board green/<br>12,5 mm         |
| Special executions: | Gypsum plaster boards in all<br>usual versions |

## 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 gypsum plaster board with a factory-integrated flat-panel loudspeaker. The board is stripped down to a thickness of 0,8 mm 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 drywall.

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.

The surface can be coated with all conventional materials, such as, for example, paint, plaster techniques, wallpapers, etc.

- |                        |                         |
|------------------------|-------------------------|
| Dimensions (standard): | 500 mm x 625 mm         |
| Building material:     | Gypsum plaster board    |
| Frequency response:    | 80 Hz – 20000 Hz        |
| EQ:                    | PN-integrated crossover |
| Dispersion:            | 180° x 180°             |
| Power handling:        | 60 W / 6 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 DYNAMIC 60 GK / PN |

# NOVASONAR DYNAMIC 60 GK Stereo

Invisible sound system for coverings made of gypsum plaster boards



Building material and the sound system from a single production source



## Available in the following gypsum plaster boards

Standard version:	Gypsum plaster board green/ 12,5 mm
Special executions:	Gypsum plaster boards in all usual versions

## Description / Technical data

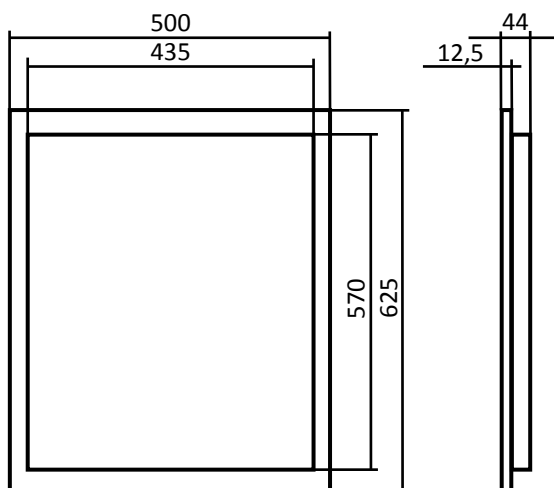
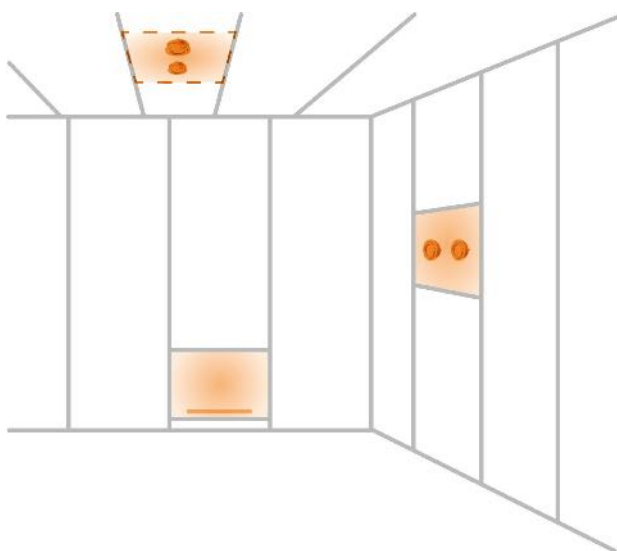
Flat-panel loudspeaker on the principle of the bending wave transducer with a flat panel membrane, which is brought to vibration by electrical exciters mounted to the back for dual channel input for stereo applications.

The loudspeaker comprises a conventional gypsum plaster board with a factory-integrated flat-panel loudspeaker. The board is stripped down to a thickness of 0,8 mm 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 drywall.

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.

The surface can be coated with all conventional materials, such as, for example, paint, plaster techniques, wallpapers, etc.



Dimensions (standard):	500 mm x 625 mm
Building material:	Gypsum plaster board
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:	86 dB (1 w / 1 m)
Max. SPL:	104 dB (1 m)

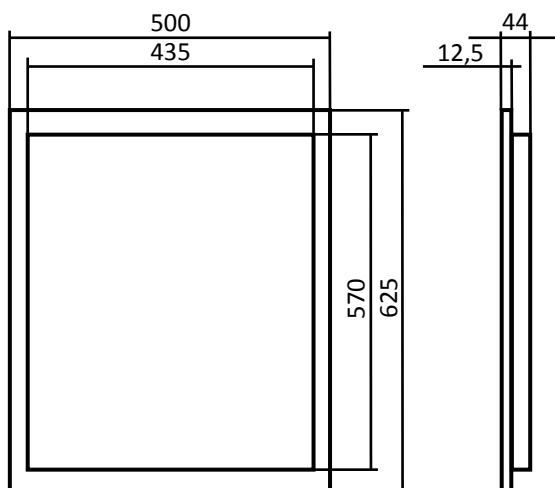
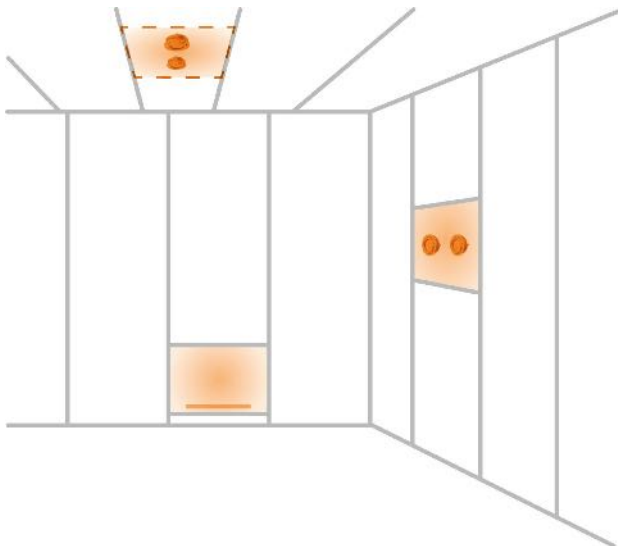
Manufacturer:	ML-Audio und Carbons GmbH
Model:	Novasonar DYNAMIC 60 GK Stereo

# NOVASONAR DYNAMIC 60 GK Stereo / PN

Invisible sound system for coverings made of gypsum plaster boards



Building material and the sound system from a single production source



## Available in the following gypsum plaster boards

- Standard version: Gypsum plaster board green/ 12,5 mm
- Special executions: Gypsum plaster boards in all usual versions

## 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 gypsum plaster board with a factory-integrated flat-panel loudspeaker. The board is stripped down to a thickness of 0,8 mm 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 drywall.

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.

The surface can be coated with all conventional materials, such as, for example, paint, plaster techniques, wallpapers, etc.

- Dimensions (standard): 500 mm x 625 mm
- Building material: Gypsum plaster board
- 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: 86 dB (1 w / 1 m)
- Max. SPL: 104 dB (1 m)

- Manufacturer: ML-Audio und Carbons GmbH
- Model: Novasonar DYNAMIC 60 GK Stereo / PN

# NOVASONAR GK 60 NA

Invisible sound system for coverings made of gypsum plaster boards



Building material and the sound system from a single production source



## Available in the following gypsum plaster boards

Standard version:	Gypsum plaster board green/ 12,5 mm
Special executions:	Gypsum plaster boards in all usual versions

## Description / Technical data

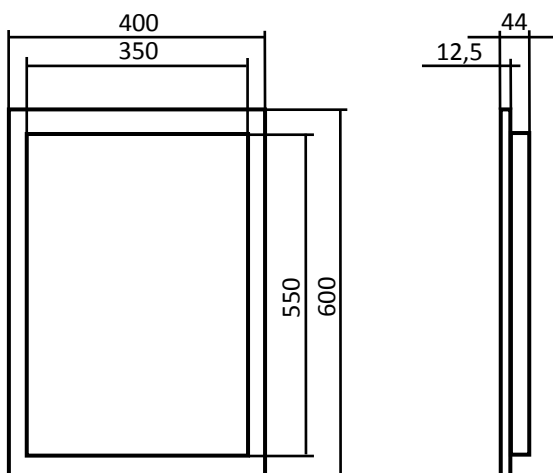
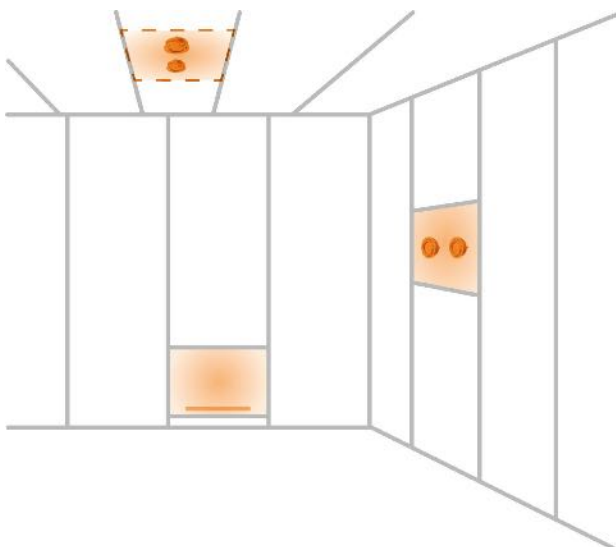
Flat-panel loudspeaker on the principle of the bending wave transducer with a flat panel membrane, which is brought to vibration by electrical exciters mounted to the back.

The loudspeaker comprises a conventional 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.

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 continuously assembly and processing technology in drywall work without material change, therefore ensuring smooth progress on the building site.

The surface can be coated with all conventional materials, such as, for example, paint, plaster techniques, wallpapers, etc.



Dimensions (standard):	<b>400 mm x 600 mm</b>
Building material:	Gypsum plaster board
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 GK 60 NA



# NOVASONAR GK 60 NA / PN

Invisible sound system for coverings made of gypsum plaster boards



Building material and the sound system from a single production source



## Available in the following gypsum plaster boards

Standard version:	Gypsum plaster board green/ 12,5 mm
Special executions:	Gypsum plaster boards in all usual versions

## Description / Technical data

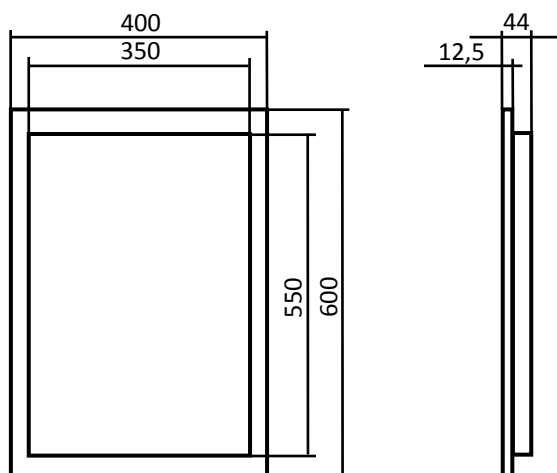
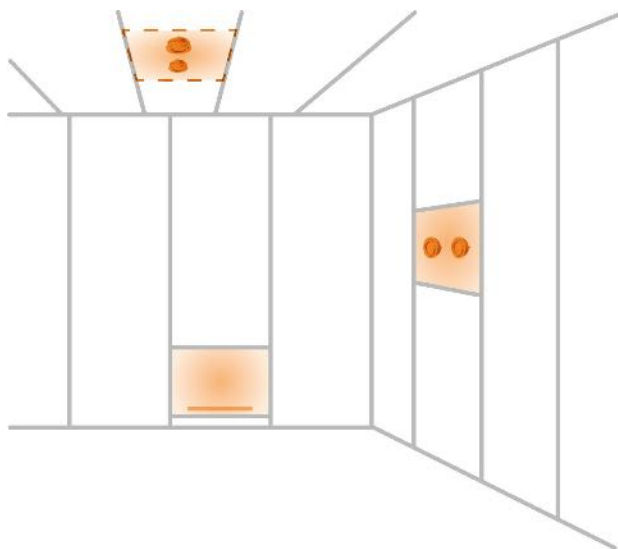
Flat-panel loudspeaker on the principle of the bending wave transducer with a flat panel membrane, which is brought to vibration by electrical exciters mounted to the back and with an integrated frequency crossover/filter.

The loudspeaker comprises a conventional 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.

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 continuously assembly and processing technology in drywall work without material change, therefore ensuring smooth progress on the building site.

The surface can be coated with all conventional materials, such as, for example, paint, plaster techniques, wallpapers, etc.



Dimensions (standard):	<b>400 mm x 600 mm</b>
Building material:	Gypsum plaster board
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 GK 60 NA / PN

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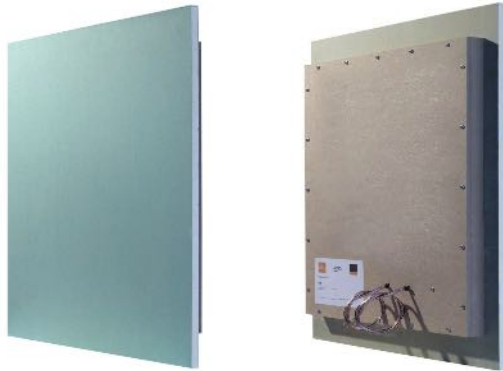


# NOVASONAR GK 60 Stereo NA

Invisible sound system for coverings made of gypsum plaster boards



Building material and the sound system from a single production source



## Available in the following gypsum plaster boards

Standard version:	Gypsum plaster board green/ 12,5 mm
Special executions:	Gypsum plaster boards in all usual versions

## Description / Technical data

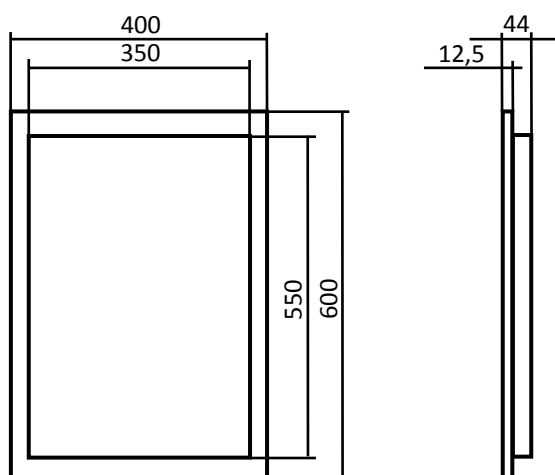
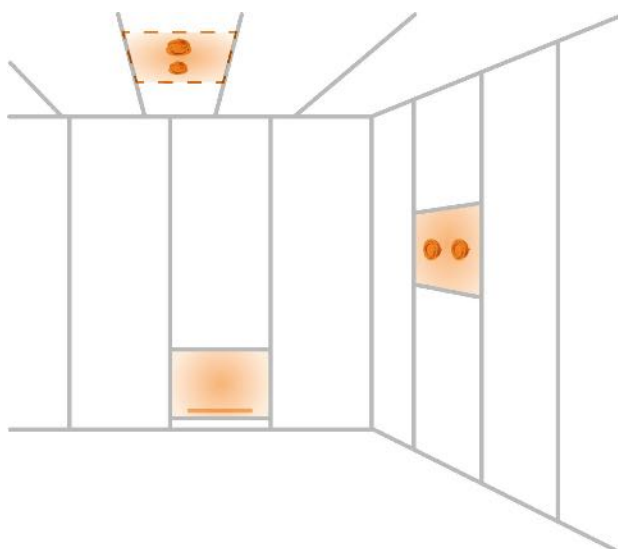
Flat-panel loudspeaker on the principle of the bending wave transducer with a flat panel membrane, which is brought to vibration by electrical exciters mounted to the back and dual channel input for stereo applications.

The loudspeaker comprises a conventional 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.

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 continuously assembly and processing technology in drywall work without material change, therefore ensuring smooth progress on the building site.

The surface can be coated with all conventional materials, such as, for example, paint, plaster techniques, wallpapers, etc.



Dimensions (standard):	500 mm x 625 mm
Building material:	Gypsum plaster board
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 GK 60 Stereo NA

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# NOVASONAR GK 60 Stereo NA / PN

Invisible sound system for coverings made of gypsum plaster boards



Building material and the sound system from a single production source



## Available in the following gypsum plaster boards

Standard version:	Gypsum plaster board green/ 12,5 mm
Special executions:	Gypsum plaster boards in all usual versions

## Description / Technical data

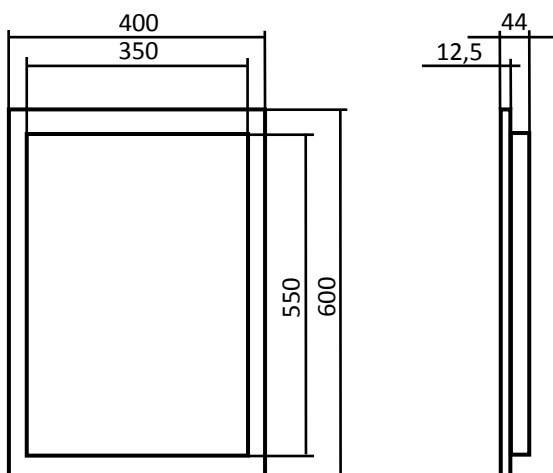
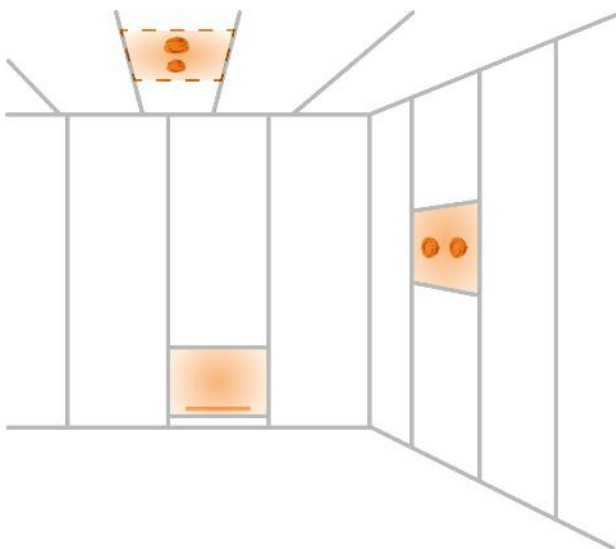
Flat-panel loudspeaker on the principle of the bending wave transducer with a flat panel membrane, which is brought to vibration by electrical exciters mounted to the back and with two integrated frequency crossovers/filters for dual channel input for stereo applications.

The loudspeaker comprises a conventional 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.

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 continuously assembly and processing technology in drywall work without material change, therefore ensuring smooth progress on the building site.

The surface can be coated with all conventional materials, such as, for example, paint, plaster techniques, wallpapers, etc.



Dimensions (standard):	<b>400 mm x 600 mm</b>
Building material:	Gypsum plaster board
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 GK 60 Stereo NA / PN

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# NOVASONAR DYNAMIC 60 GK NA

Invisible sound system for coverings made of gypsum plaster boards



Building material and the sound system from a single production source



## Available in the following gypsum plaster boards

Standard version:	Gypsum plaster board green/ 12,5 mm
Special executions:	Gypsum plaster boards in all usual versions

## Description / Technical data

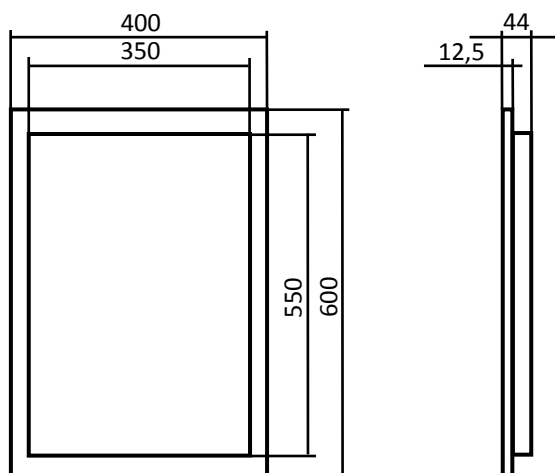
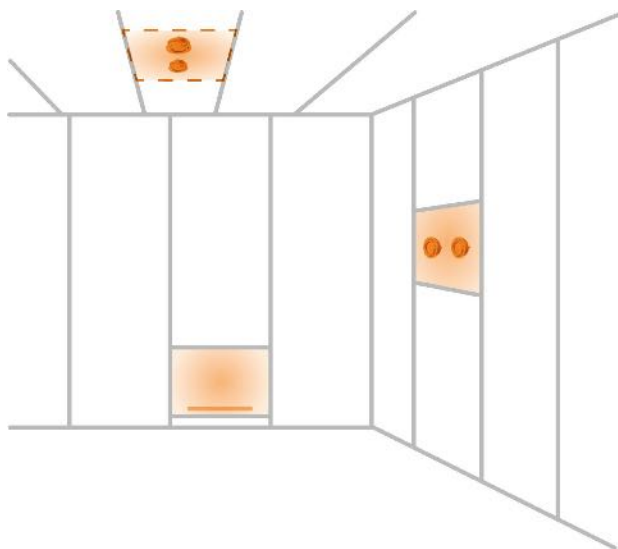
Flat-panel loudspeaker on the principle of the bending wave transducer with a flat panel membrane, which is brought to vibration by electrical exciters mounted to the back.

The loudspeaker comprises a conventional gypsum plaster board with a factory-integrated flat-panel loudspeaker. The board is stripped down to a thickness of 0,8 mm 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 drywall.

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.

The surface can be coated with all conventional materials, such as, for example, paint, plaster techniques, wallpapers, etc.



Dimensions (standard):	<b>400 mm x 600 mm</b>
Building material:	Gypsum plaster board
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 DYNAMIC 60 GK NA

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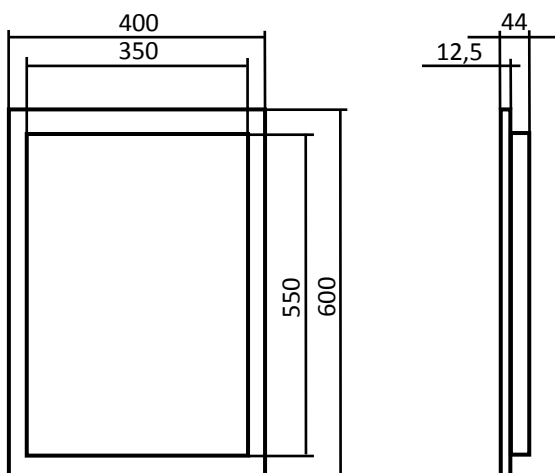
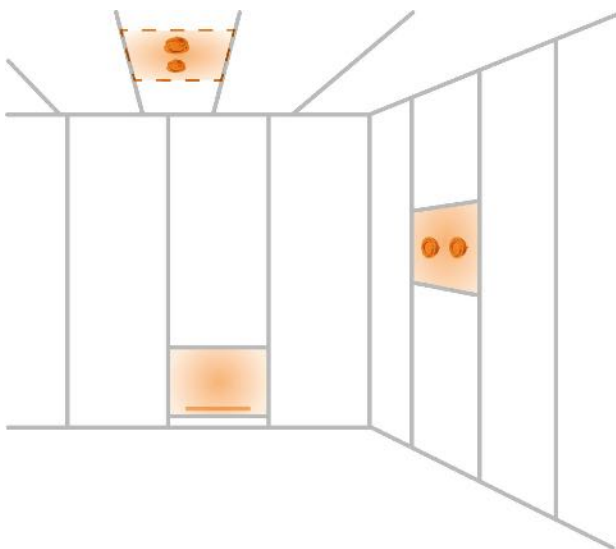
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# NOVASONAR DYNAMIC 60 GK NA / PN

Invisible sound system for coverings made of gypsum plaster boards



Building material and the sound system from a single production source



## Available in the following gypsum plaster boards

Standard version:	Gypsum plaster board green/ 12,5 mm
Special executions:	Gypsum plaster boards in all usual versions

## 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 gypsum plaster board with a factory-integrated flat-panel loudspeaker. The board is stripped down to a thickness of 0,8 mm 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 drywall.

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.

The surface can be coated with all conventional materials, such as, for example, paint, plaster techniques, wallpapers, etc.

Dimensions (standard):	<b>400 mm x 600 mm</b>
Building material:	Gypsum plaster board
Frequency response:	80 Hz – 20000 Hz
EQ:	PN-integrated crossover
Dispersion:	180° x 180°
Power handling:	60 W / 6 Ω
Optional:	70/100 V
Sensitivity:	86 dB (1 w / 1 m)
Max. SPL:	104 dB (1 m)

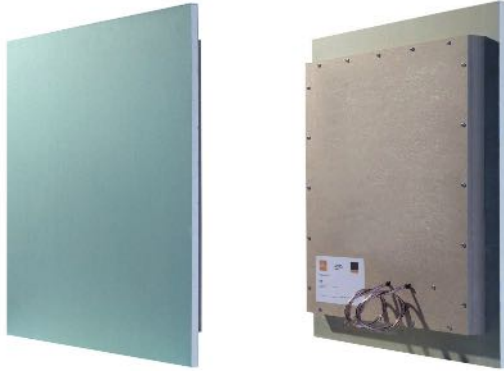
Manufacturer:	ML-Audio und Carbons GmbH
Model:	Novasonar DYNAMIC 60 GK NA / PN

# NOVASONAR DYNAMIC 60 GK Stereo NA

Invisible sound system for coverings made of gypsum plaster boards



Building material and the sound system from a single production source



## Available in the following gypsum plaster boards

- |                     |  |
|---------------------|--|
| Standard version:   | Gypsum plaster board green/<br>12,5 mm         |
| Special executions: | Gypsum plaster boards in all<br>usual versions |

## Description / Technical data

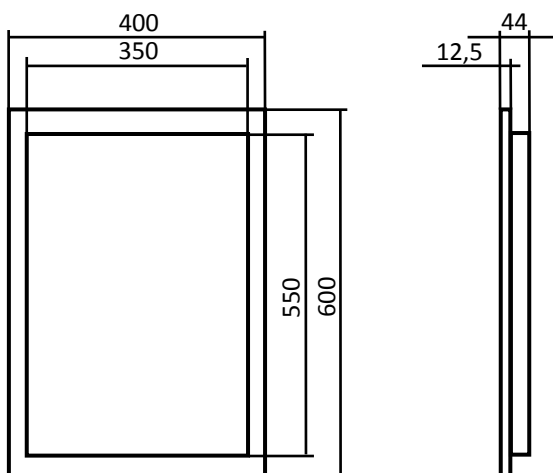
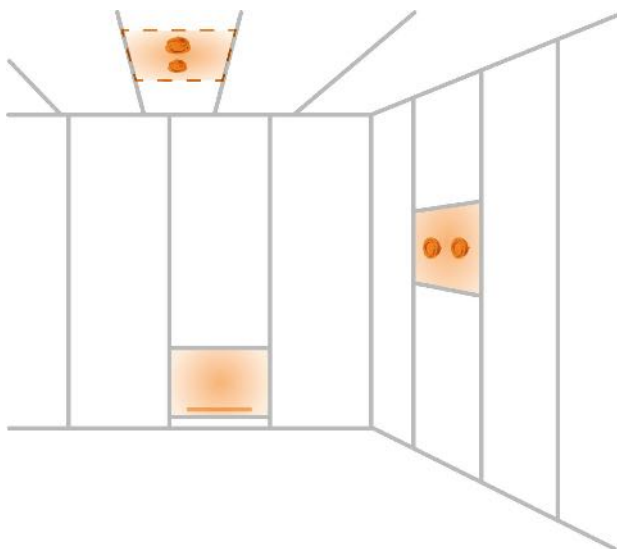
Flat-panel loudspeaker on the principle of the bending wave transducer with a flat panel membrane, which is brought to vibration by electrical exciters mounted to the back for dual channel input for stereo applications.

The loudspeaker comprises a conventional gypsum plaster board with a factory-integrated flat-panel loudspeaker. The board is stripped down to a thickness of 0,8 mm 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 drywall.

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.

The surface can be coated with all conventional materials, such as, for example, paint, plaster techniques, wallpapers, etc.



Dimensions (standard): **400 mm x 600 mm**

Building material: Gypsum plaster board

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: 86 dB (1 w / 1 m)

Max. SPL: 104 dB (1 m)

Manufacturer: ML-Audio und Carbons GmbH

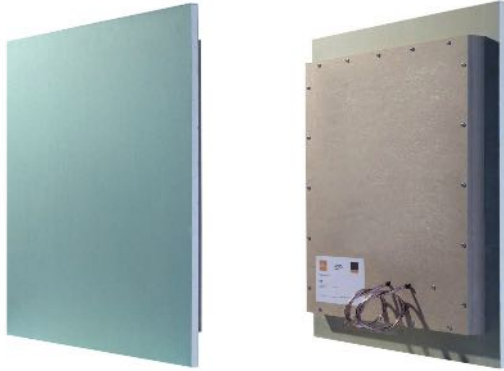
Model: Novasonar DYNAMIC 60 GK Stereo NA

# NOVASONAR DYNAMIC 60 GK Stereo NA / PN

Invisible sound system for coverings made of gypsum plaster boards



Building material and the sound system from a single production source



## Available in the following gypsum plaster boards

Standard version:	Gypsum plaster board green/ 12,5 mm
Special executions:	Gypsum plaster boards in all usual versions

## Description / Technical data

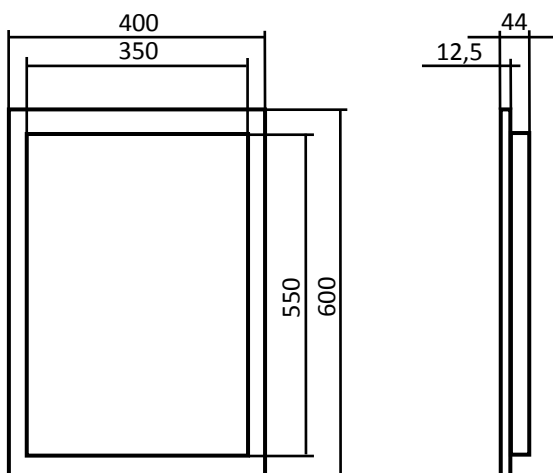
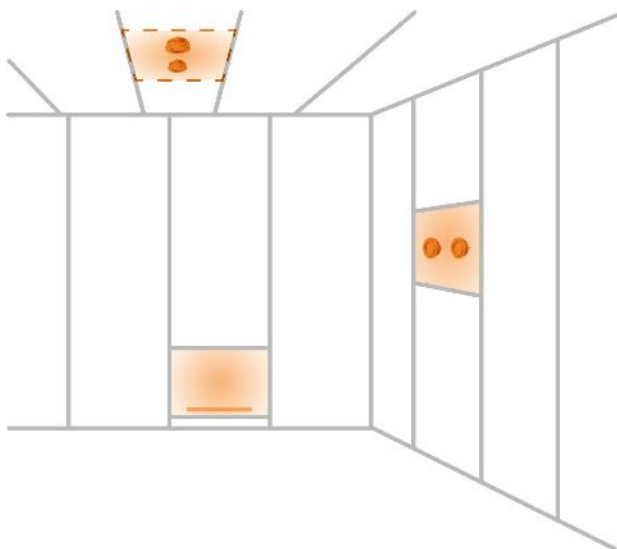
Flat-panel loudspeaker on the principle of the bending wave transducer with a flat panel membrane, which is brought to vibration by electrical exciters mounted to the back by using the Novasonar Carbon-Rail-Technology for phase optimization.

The loudspeaker comprises a conventional gypsum plaster board with a factory-integrated flat-panel loudspeaker. The board is stripped down to a thickness of 0,8 mm 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 drywall.

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.

The surface can be coated with all conventional materials, such as, for example, paint, plaster techniques, wallpapers, etc.



Dimensions (standard):	<b>400 mm x 600 mm</b>
Building material:	Gypsum plaster board
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:	86 dB (1 w / 1 m)
Max. SPL:	104 dB (1 m)

Manufacturer:	ML-Audio und Carbons GmbH
Model:	Novasonar DYNAMIC 60 GK Stereo NA / PN

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# NOVASONAR Invisible Sound System

WITH THE INTELLIGENT INTEGRATION CONCEPT FOR A PERFECT INSTALLATION



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Germany

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Fax +49 6 131 60 30 796

Email: [info@mlaudio.de](mailto:info@mlaudio.de)

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Data sheets valid from 2019/09/01



NOVASONAR - Invisible loudspeaker

# GK-Series



<b>Power handling: 30 Watts</b> Dimensions: 500 mm x 625 mm	<b>Power handling: 30 Watts (NA)</b> Dimensions: 400 mm x 600 mm
GK 30 (Ext. DSP recommended)	GK 30 NA (Ext. DSP recommended)
GK 30 / PN (Incl. frequency crossover)	GK 30 NA / PN (Incl. frequency crossover)

<b>Power handling: 60 Watts</b> Dimensions: 500 mm x 625 mm	<b>Power handling: 60 Watts</b> Dimensions: 400 mm x 600 mm
GK 60 (Ext. DSP recommended)	GK 60 NA (Ext. DSP recommended)
GK 60 / PN (Incl. frequency crossover)	GK 60 NA / PN (Incl. frequency crossover)
GK 60 Stereo (Ext. DSP recommended)	GK 60 Stereo NA (Ext. DSP recommended)
GK 60 Stereo / PN (Incl. frequency crossover)	GK 60 Stereo NA / PN (Incl. frequency crossover)
Dynamic 60 GK (Ext. DSP recommended)	Dynamic 60 GK NA (Ext. DSP recommended)
Dynamic 60 GK / PN (Incl. frequency crossover)	Dynamic 60 GK NA / PN (Incl. frequency crossover)
Dynamic 60 GK Stereo (Ext. DSP recommended)	Dynamic 60 GK Stereo NA (Ext. DSP recommended)
Dynamic 60 GK Stereo / PN (Incl. frequency crossover)	Dynamic 60 GK Stereo NA / PN (Incl. frequency crossover)

**PN = Integrated frequency crossover**  
**NA = Optional standard size**

**Available in the following gypsum plaster boards**

Standard version: Gypsum plaster board green / 12,5 mm  
 Special executions: Gypsum plaster boards in all usual versions

[www.novasonar.de](http://www.novasonar.de)

Product overview