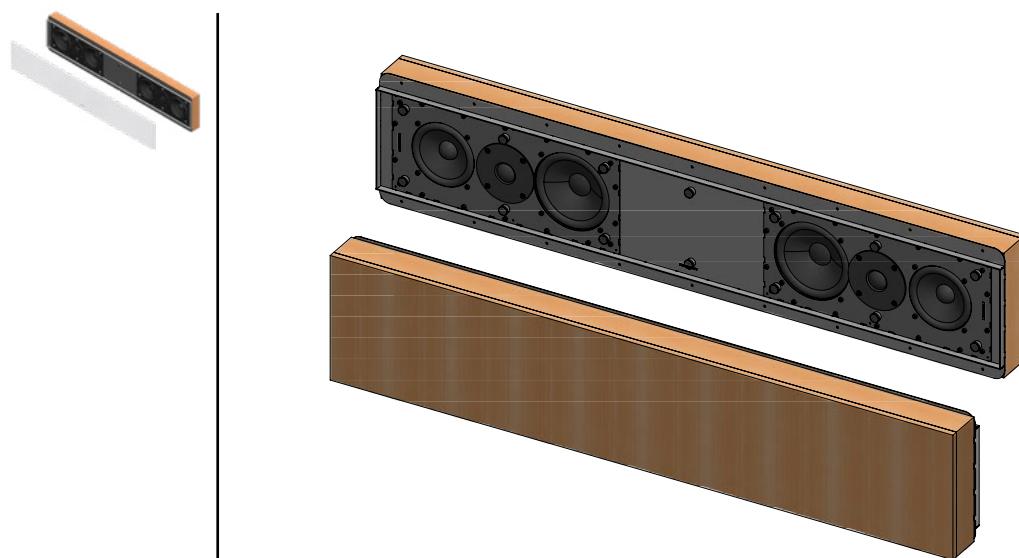




ARIA™ COLLECTION



**SCAN OR CLICK TO EXTEND  
YOUR GARVAN WARRANTY FOR FREE!**  
3 years included, with the option to add  
2 extra years at no additional cost.

## OVERVIEW DESCRIPTION – UNIQUE DESCRIPTION PRODUCT

KR2316 is a compact in-wall soundbar with dedicated closed back box, designed to deliver a clear and balanced L+R front soundstage in a fully architectural solution.

Thanks to its controlled enclosure and high-efficiency transducers, it ensures excellent intelligibility, solid dynamics and uniform sound dispersion, even in acoustically demanding environments. Ideal for residential and professional applications where performance and discreet integration are required, KR2316 combines clarity, reliability and architectural precision, disappearing into the wall while delivering a refined and coherent listening experience. Designed and manufactured in Italy, it reflects Garvan Acoustic's focus on sound quality, control and integration.

## KEY FEATURES

L+R in-wall soundbar configuration

Integrated stereo front soundstage with clear and precise imaging.

Closed-box design with dedicated formwork

Controlled and predictable acoustic performance.

Balanced and dynamic sound reproduction

Suitable for residential and professional environments.

Wide sound dispersion

Uniform coverage across the listening area.

High dialogue intelligibility

Clear and natural speech reproduction.

No mandatory external EQ

Optional Garvan preset EQ, filters and protection available.

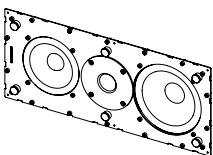
Flush architectural integration

Designed for in-wall installation in concrete and similar structures.

Premium materials and finishes

Made in Italy

Warranty up to 5 years



|                                                |                                                                                                                                              |
|------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------|
| <b>INSTALLATION NAME</b>                       | <b>L+R = KR316</b>                                                                                                                           |
| <b>Installation Type</b>                       | In Wall / In Ceiling Speaker, Closed box                                                                                                     |
| <b>Surface Compatibility</b>                   | Suitable for installation in Concrete Wall and similar.                                                                                      |
| <b>Installation Requirements</b>               | Minimum required wall thickness: 90mm                                                                                                        |
| <b>SINGLE LOUDSPEAKER PERFORMANCE</b>          |                                                                                                                                              |
| <b>AES Power Handling</b>                      | 80 W                                                                                                                                         |
| <b>Continuous Power Handling ***</b>           | 160 W                                                                                                                                        |
| <b>Sensitivity 2,83V / 1m ****</b>             | 87,5 dB                                                                                                                                      |
| <b>Sensitivity 1W/1m ****</b>                  | 87,5 dB                                                                                                                                      |
| <b>Calculated Maximum SPL @ 1m*</b>            | 118,5 dB                                                                                                                                     |
| <b>TRANSDUCER</b>                              |                                                                                                                                              |
| <b>Type</b>                                    | 2 Way                                                                                                                                        |
| <b>Nominal size</b>                            | WF 130 mm + TW 25mm + RP 160mm                                                                                                               |
| <b>Nominal Impedance</b>                       | 8Ω                                                                                                                                           |
| <b>Loudspeaker EQ</b>                          | Not required, Garvan Preset EQ, Filter and protection available                                                                              |
| <b>Recommended High-Pass Filter Protection</b> | 40 Hz with 48 dB/Oct. Hight pass Filter                                                                                                      |
| <b>Frequency Response (-3 dB)</b>              | 60 Hz – 20 kHz **                                                                                                                            |
| <b>Frequency Range (-10 dB)</b>                | 48 Hz - 20 kHz **                                                                                                                            |
| <b>Nominal Coverage Angle (1 KHz - 4 kHz)</b>  | > 120°                                                                                                                                       |
| <b>Nominal Coverage (1 KHz – 10 kHz)</b>       | 120                                                                                                                                          |
| <b>PHYSICAL</b>                                |                                                                                                                                              |
| <b>Frame Material</b>                          | "zinc-plated metal + phenolic multilayer wood"                                                                                               |
| <b>Speaker support Material</b>                | Lacquered or galvanic metal support                                                                                                          |
| <b>Cover</b>                                   | Lacquered or galvanic metal Grille/ Brushed stainlenss steel Grille / Fabric covered frame.                                                  |
| <b>ENVIRONMENTAL FEATURES</b>                  |                                                                                                                                              |
| <b>Environment of Use</b>                      | Indoor environments                                                                                                                          |
| <b>Operating Temperature Range *****</b>       |                                                                                                                                              |
| <b>environmental protection.</b>               |                                                                                                                                              |
| <b>Connectors</b>                              | Push connector, mounted on crossover and on speaker coax. Accepts 18 AWG (0.8 mm <sup>2</sup> ) to 11 AWG (4,17 mm <sup>2</sup> ) size wire. |
| <b>Maximum Ceiling Thickness</b>               |                                                                                                                                              |
| <b>Product Dimensions</b>                      |                                                                                                                                              |
| <b>Ceiling Cutout</b>                          |                                                                                                                                              |
| <b>Net Weight, Frame</b>                       |                                                                                                                                              |
| <b>Net Weight, Loudspeaker</b>                 |                                                                                                                                              |
| <b>Net Weight, Cover</b>                       |                                                                                                                                              |

| LOGISTICAL DATA                  |                                                     |
|----------------------------------|-----------------------------------------------------|
| Packaging dimensions             |                                                     |
| Shipping Weight                  |                                                     |
| Quantity of products per package | 1 to 2 based on logistics optimization per shipment |

| MAINTENANCE         |                                    |
|---------------------|------------------------------------|
| Cleaning Method     | microfiber cloth                   |
| General precautions | do not use harsh cleaning products |

| INCLUDED ACCESSORIES |         |
|----------------------|---------|
|                      | Jig set |

| OPTIONAL ACCESSORIES                          |  |
|-----------------------------------------------|--|
| Transformer for hight line voltage            |  |
| Transformer for hight line voltage            |  |
| Cover installation kit                        |  |
| Sound-absorbing material kit for installation |  |

| Cable size/load | 8 ohm        | 4 ohm       | 2 ohm       |
|-----------------|--------------|-------------|-------------|
| 2 sq mm.        | 20m / 65ft.  | 10m / 32ft  | 5m / 16ft   |
| 2,5 sq mm.      | 30m / 100ft. | 15m / 50ft  | 7,5m / 25ft |
| 4 sq mm.        | 60m / 200ft. | 30m / 100ft | 15m / 50ft  |

#### NOTES:

\* Maximum SPL calculated from sensitivity and power handling specifications, using a signal with crest factor 4 (12dB), exclusive of power compression.

\*\* With dedicated preset

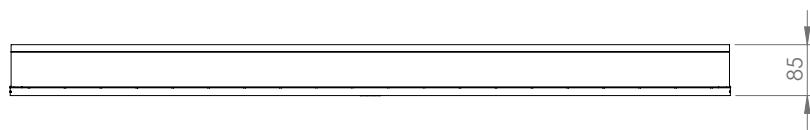
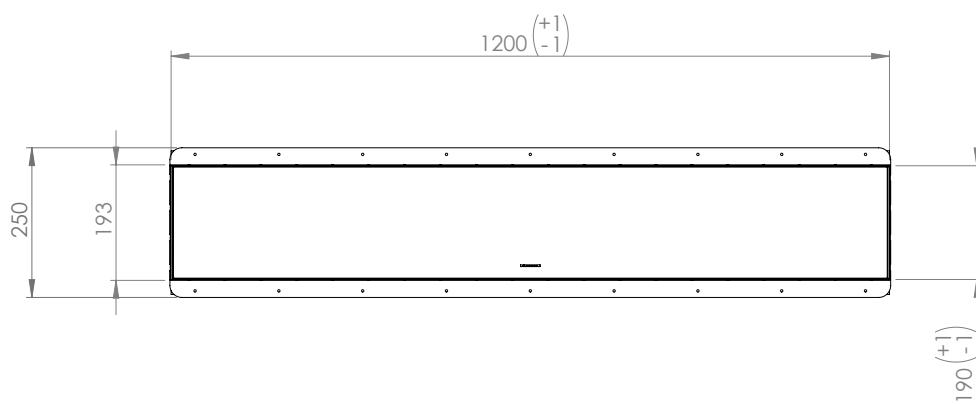
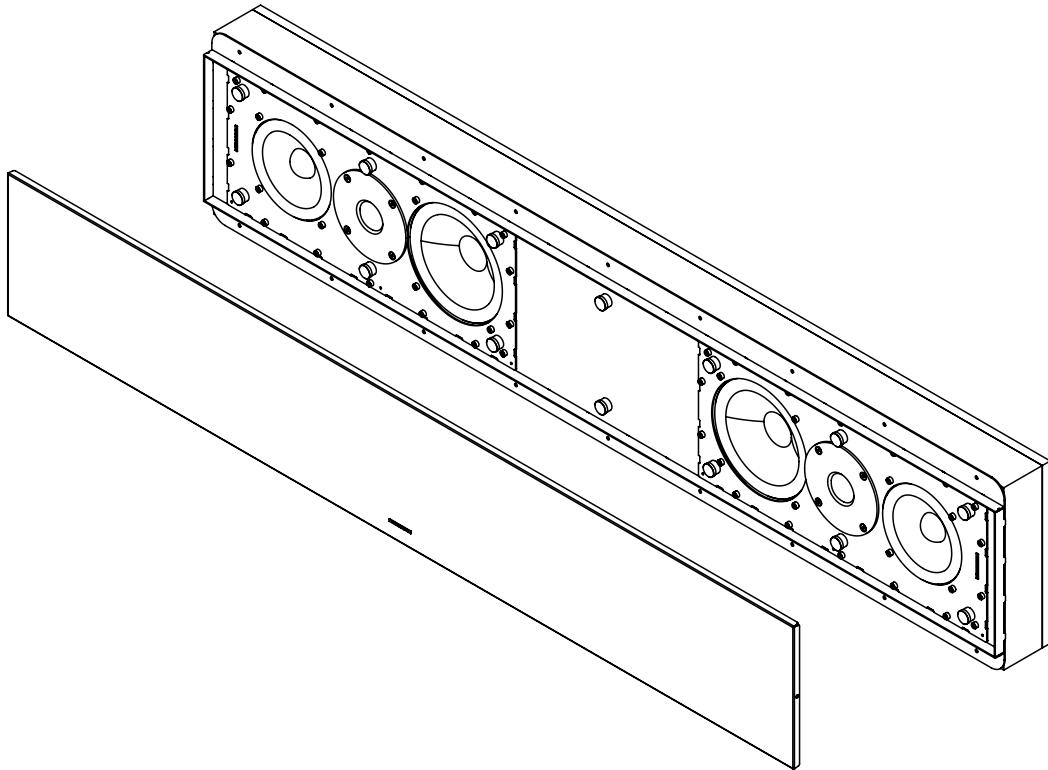
\*\*\* Power on Continuous Program is defined as 3 dB greater than the Nominal rating.

\*\*\*\* average SPL measured from 200 Hz to 1,5 kHz

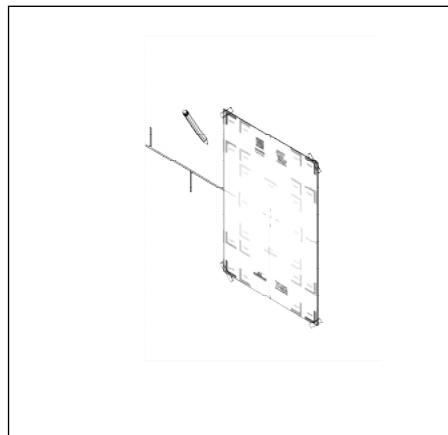
\*\*\*\*\* With dedicated ignition and maintenance process

### SOUNDBAR IN-WALL CODES

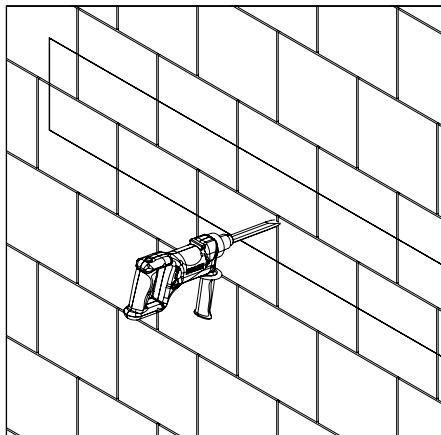
Soundbar      **KR2316**  
Speaker L+R    **KR316**



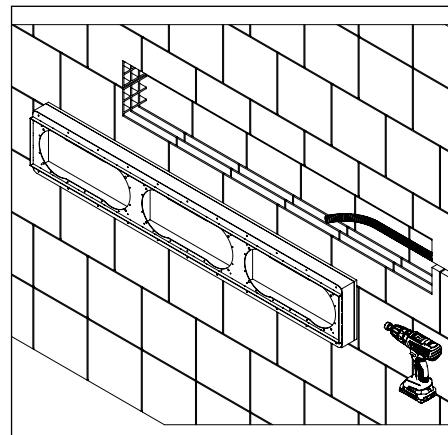
# INSTALLATION INSTRUCTIONS KR2316 Soundbar in-wall - concrete wall



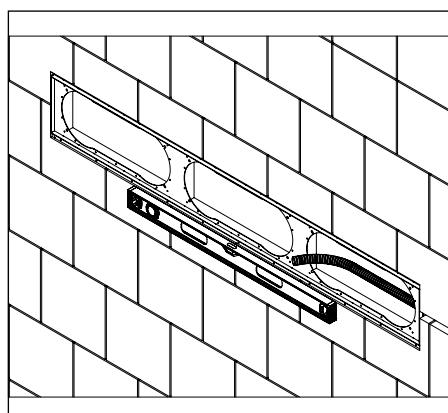
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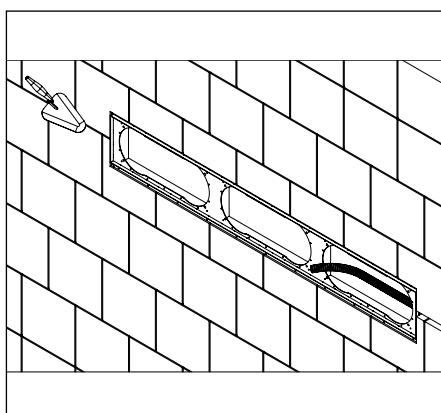
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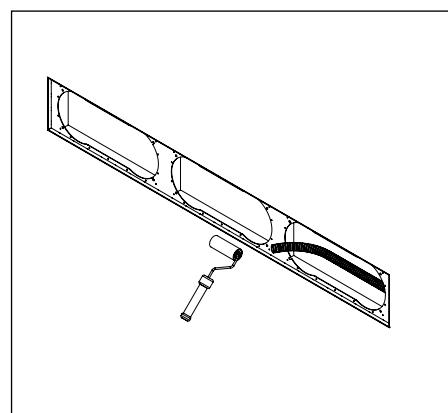
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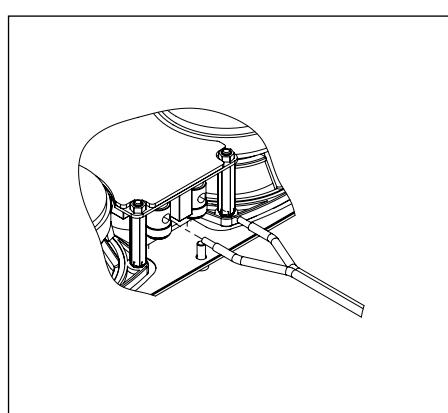
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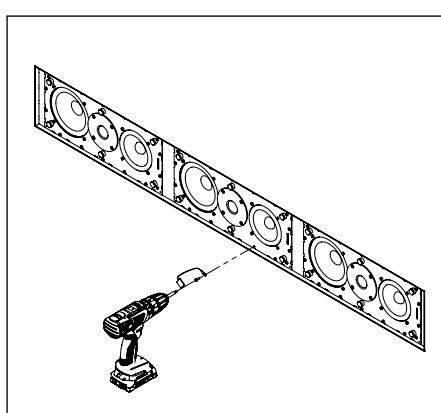
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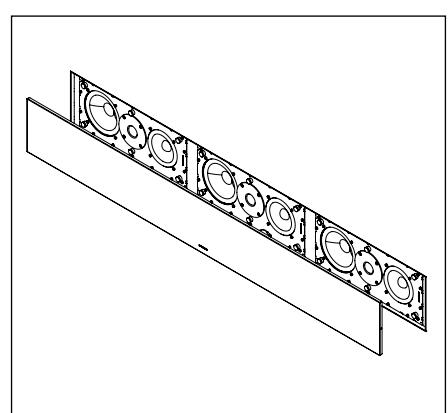
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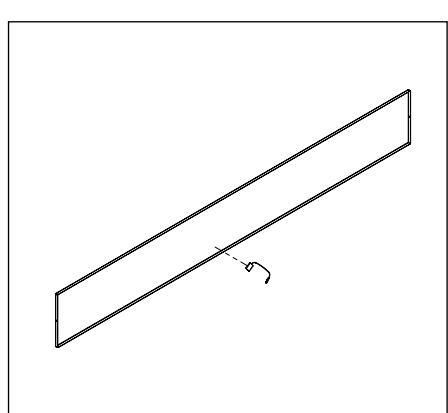
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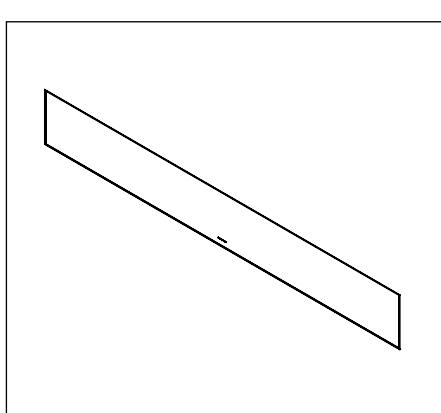
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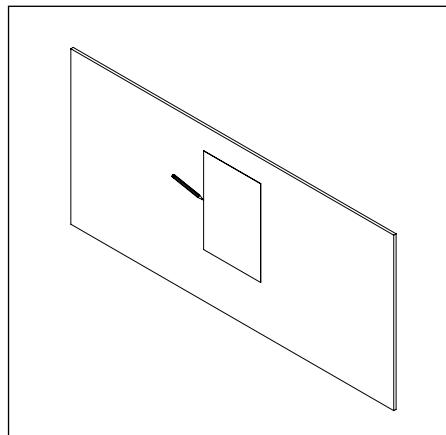


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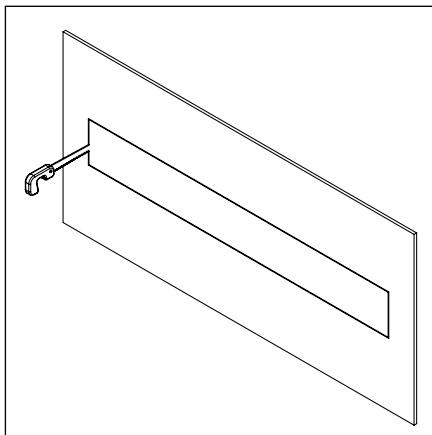


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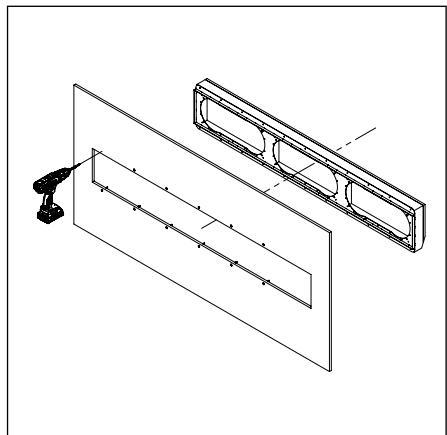
# INSTALLATION INSTRUCTIONS KR2316 Soundbar in-wall - plasterboard



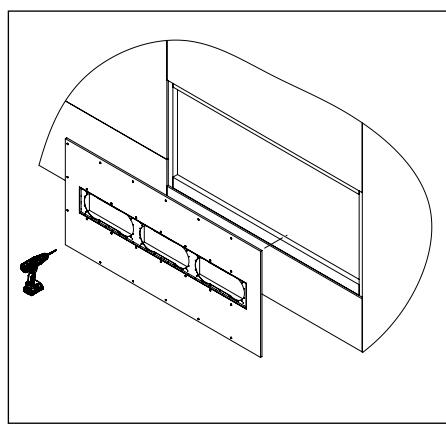
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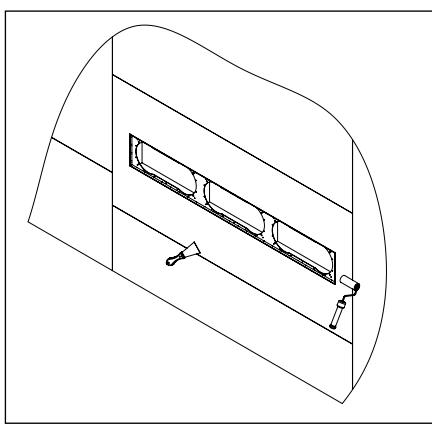
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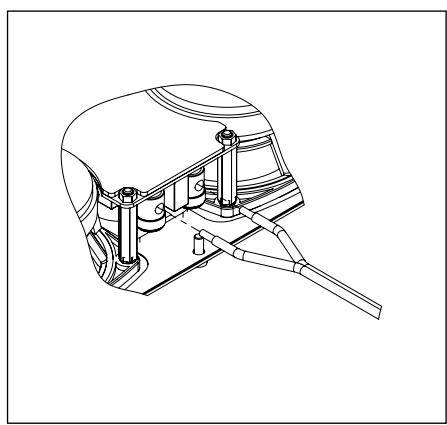
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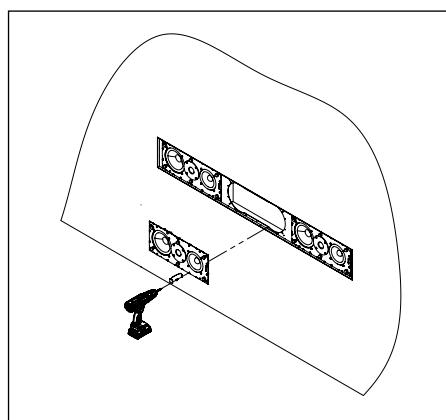
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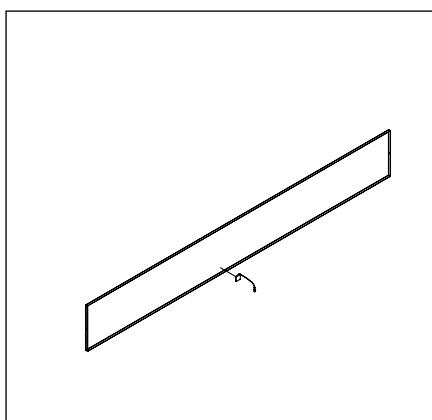
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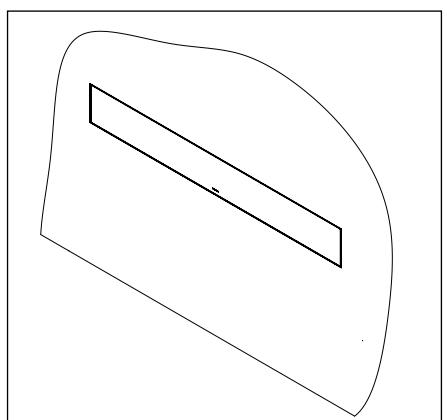
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