



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

KW2316 is a compact on-wall / on-ceiling soundbar designed to deliver a clear and balanced L+R front soundstage in a discreet architectural solution. Its closed-box design and high-efficiency transducers ensure controlled dynamics, excellent intelligibility and uniform sound coverage in residential and professional environments. Ideal for spaces where simplicity, performance and design must coexist, KW2316 combines reliability, clarity and elegant integration, providing a refined listening experience while blending seamlessly into the architecture. Designed and manufactured in Italy, it reflects Garvan Acoustic's commitment to sound quality and architectural coherence.

## KEY FEATURES

L+R soundbar configuration

Integrated stereo front soundstage with precise imaging.

Balanced acoustic performance

Designed for residential and professional applications.

Closed-box design

Consistent and controlled sound performance.

Wide sound dispersion

Uniform coverage across the listening area.

High speech intelligibility

Clear and natural reproduction.

No mandatory external EQ

Optional Garvan preset EQ, filters and protection available.

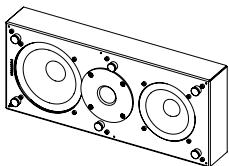
Slim architectural integration

Suitable for on-wall or on-ceiling installation.

Premium materials and finishes

Made in Italy

Warranty up to 5 years



|  |  |
|--|--|
| <b>INSTALLATION NAME</b>                       | <b>L+R = KW316</b>   |
| <b>Installation Type</b>                       | On-Wall / On-Ceiling Speaker, closed box   |
| <b>Surface Compatibility</b>                   | Suitable for installation in, concrete wall, Plasterboard, wooden panels, modular panel, and similar.  |
| <b>Installation Requirements</b>               | Support thickness suitable for product weight  |
| <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>                            | 2x WF 130 mm + TW 25mm   |
| <b>Nominal Impedance</b>                       | 4Ω   |
| <b>Loudspeaker EQ</b>                          | Not required, Garvan Preset EQ, Filter and protection available  |
| <b>Recommended High-Pass Filter Protection</b> | 55 Hz with 48 dB/Oct. Hight pass Filter  |
| <b>Frequency Response (-3 dB)</b>              | 65 Hz – 20 kHz **  |
| <b>Frequency Range (-10 dB)</b>                | 57 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>                          | lacquered metal cabinet, galvanic or satin-finish steel  |
| <b>Speaker support Material</b>                | Black laquered metal support   |
| <b>Cover</b>                                   | Laquered or galvanic metal Grille/ Brusced 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<br>for installation |                                    |   |              |  |  |
| <b>Cable size/load</b>                           | <b>8 ohm</b>                       | <b>4 ohm</b>  | <b>2 ohm</b> |  |  |
| 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

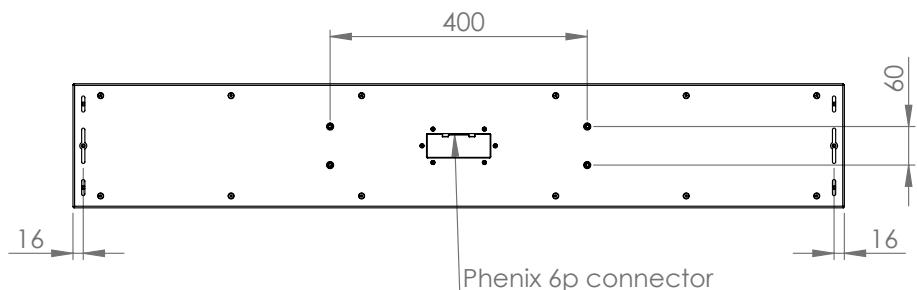
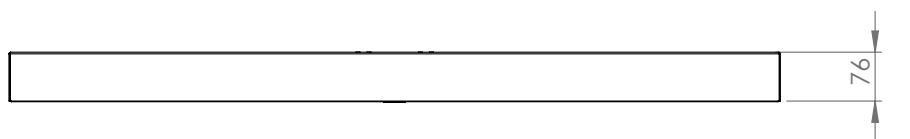
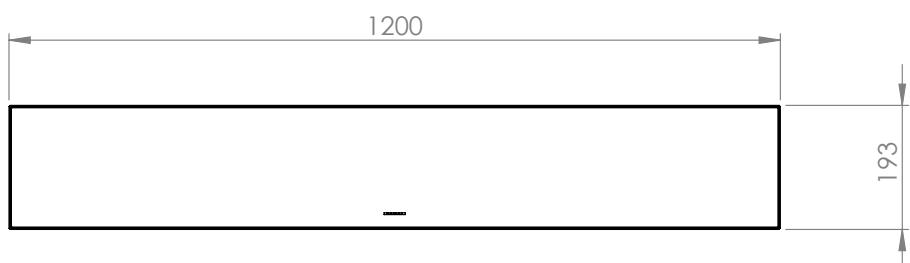
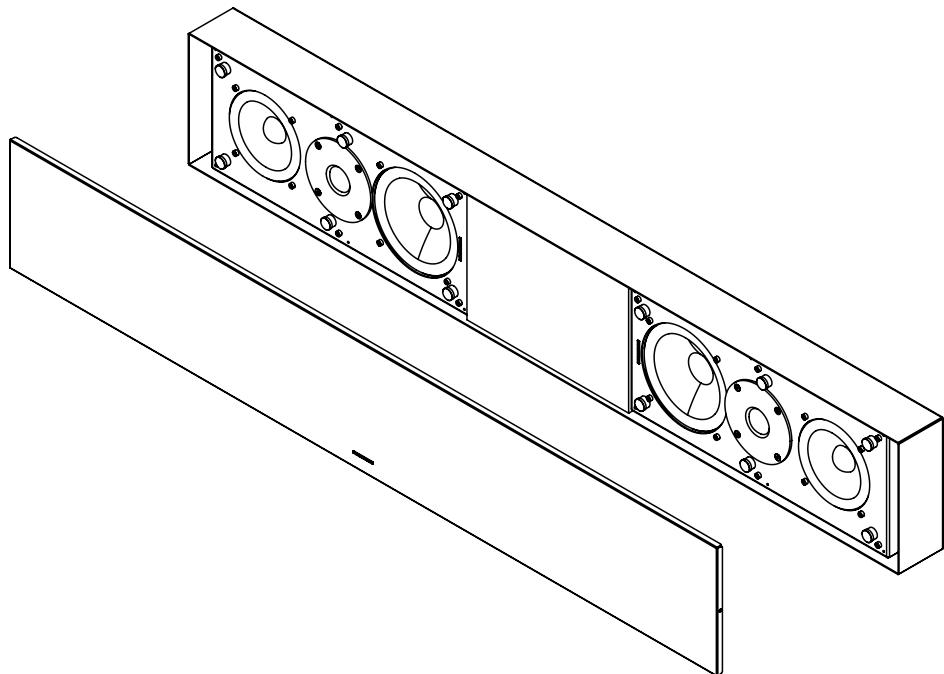
\*\*\* Power on Continuous Program is defined as 3 dB greater than the Nominal rating.

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

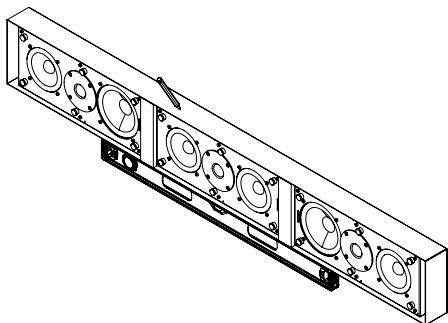
\*\*\*\*\* With dedicated ignition and maintenance process

### SOUNDBAR ON-WALL CODES

Soundbar **KW2316**  
Speaker L+R **KW316**



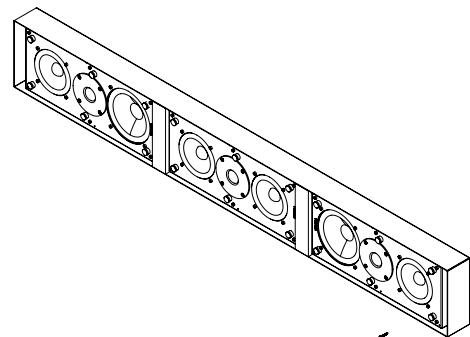
# INSTALLATION INSTRUCTIONS KW2316 Soundbar on-wall



1

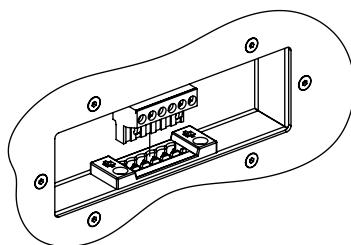


2

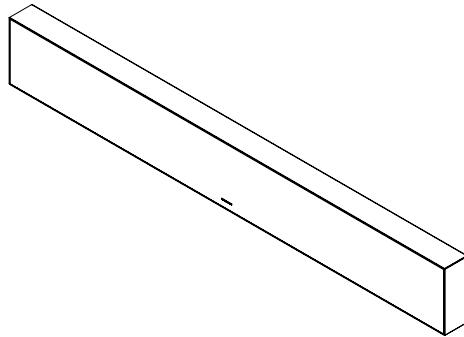


3

4



5



6