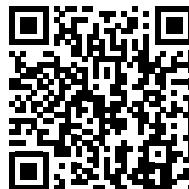




ARIA™ COLLECTION



**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

KW3316 is a high-performance on-wall / on-ceiling soundbar designed to deliver a powerful and well-controlled L+R+C front soundstage in a single architectural solution. By combining high-output left and right channels with a dedicated, more powerful center speaker, it ensures excellent dialogue intelligibility, strong dynamics and uniform sound dispersion. Ideal for premium home cinema and professional environments, KW3316 offers clarity, control and reliability in a slim, discreet format that integrates seamlessly into the architecture. Designed and manufactured in Italy, it reflects Garvan Acoustic's focus on performance, precision and architectural integration.

## KEY FEATURES

True L+R+C soundbar configuration

Optimized front soundstage with clear dialogue and accurate imaging.

High and controlled acoustic performance

Designed for demanding residential and professional applications.

Closed-box design

Predictable and consistent sound performance.

Wide sound dispersion

Uniform coverage across the listening area.

Excellent dialogue intelligibility

Natural and precise speech reproduction.

No mandatory external EQ

Optional Garvan preset EQ, filters and protection available.

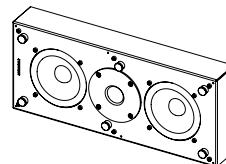
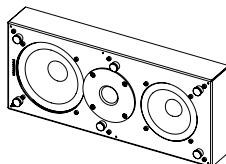
Slim architectural integration

Suitable for on-wall or on-ceiling installation.

Premium materials and finishes

Made in Italy

Warranty up to 5 years



INSTALLATION NAME	L+R = KW316	C = KW313
Installation Type	On-Wall / On-Ceiling Speaker, closed box	On-Wall / On-Ceiling Speaker, closed box
Surface Compatibility	Suitable for installation in, concrete wall, Plasterboard, wooden panels, modular panel, and similar.	Suitable for installation in, concrete wall, Plasterboard, wooden panels, modular panel, and similar.
Installation Requirements	Support thickness suitable for product weight	Support thickness suitable for product weight

#### SINGLE LOUDSPEAKER PERFORMANCE

AES Power Handling	80 W	160 W
Continuous Power Handling ***	160 W	320 W
Sensitivity 2,83V / 1m ****	87,5 dB	93 dB
Sensitivity 1W/1m ****	87,5 dB	90 dB
Calculated Maximum SPL @ 1m*	118,5 dB	124 dB

#### TRANSDUCER

Type	2 Way	2 Way
Nominal size	2x WF 130 mm + TW 25mm	WF 130 mm + TW 25mm + RP 160mm
Nominal Impedance	4Ω	8Ω
Loudspeaker EQ	Not required, Garvan Preset EQ, Filter and protection available	Not required, Garvan Preset EQ, Filter and protection available
Recommended High-Pass Filter Protection	55 Hz with 48 dB/Oct. Hight pass Filter	40 Hz with 48 dB/Oct. Hight pass Filter
Frequency Response (-3 dB)	65 Hz – 20 kHz **	60 Hz – 20 kHz **
Frequency Range (-10 dB)	57 Hz - 20 kHz **	48 Hz - 20 kHz **
Nominal Coverage Angle (1 KHz - 4 kHz)	> 120°	> 120°
Nominal Coverage (1 KHz – 10 kHz)	120	120

#### PHYSICAL

Frame Material	Lacquered metal cabinet, galvanic or satin-finish steel	Lacquered metal cabinet, galvanic or satin-finish steel
Speaker support Material	Black laquered metal support	Black laquered metal support
Cover	Laquered or galvanic metal Grille/ Brusced stainlenss steel Grille / Fabric covered frame.	Laquered or galvanic metal Grille/ Brusced stainlenss steel Grille / Fabric covered frame.

#### ENVIRONMENTAL FEATURES

Environment of Use	Indoor environments	Indoor environments
Operating Temperature Range *****		
environmental protection.		
Connectors	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.	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.
Maximum Ceiling Thickness		

Product Dimensions		
Ceiling Cutout		
Net Weight, Frame		
Net Weight, Loudspeaker		
Net Weight, Cover		

#### LOGISTICAL DATA

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

#### MAINTENANCE

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

#### INCLUDED ACCESSORIES

	Jig set	Jig set
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#### OPTIONAL ACCESSORIES

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

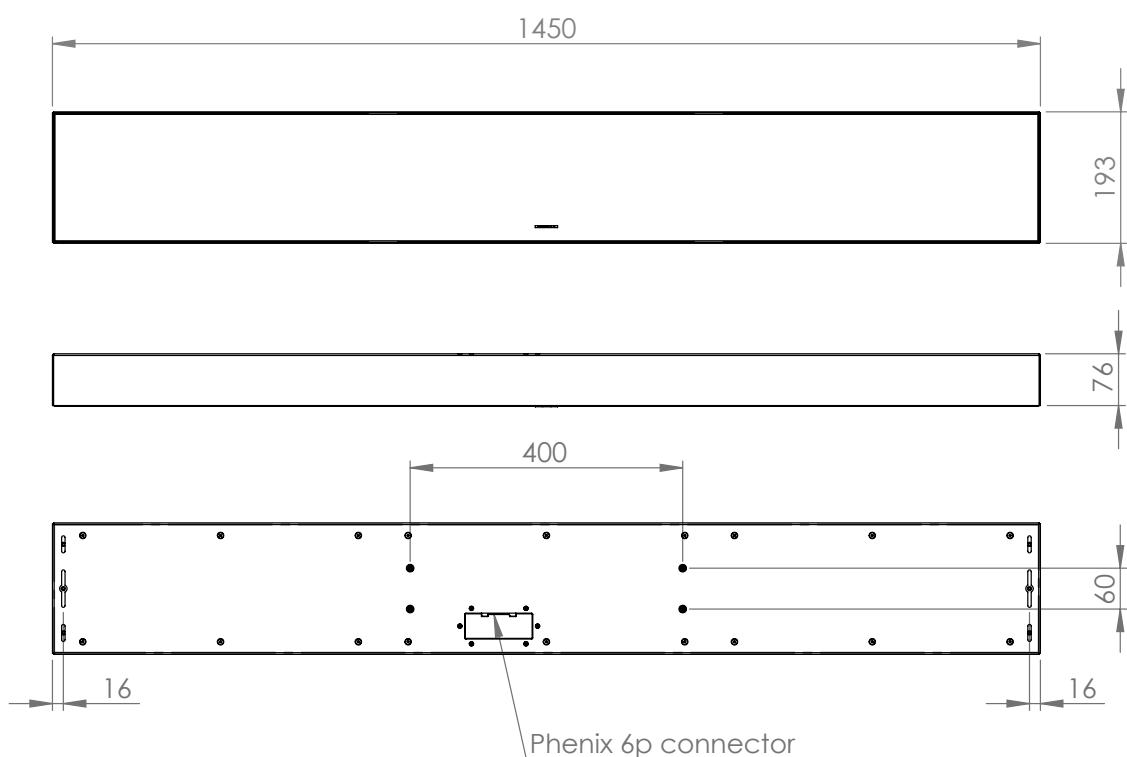
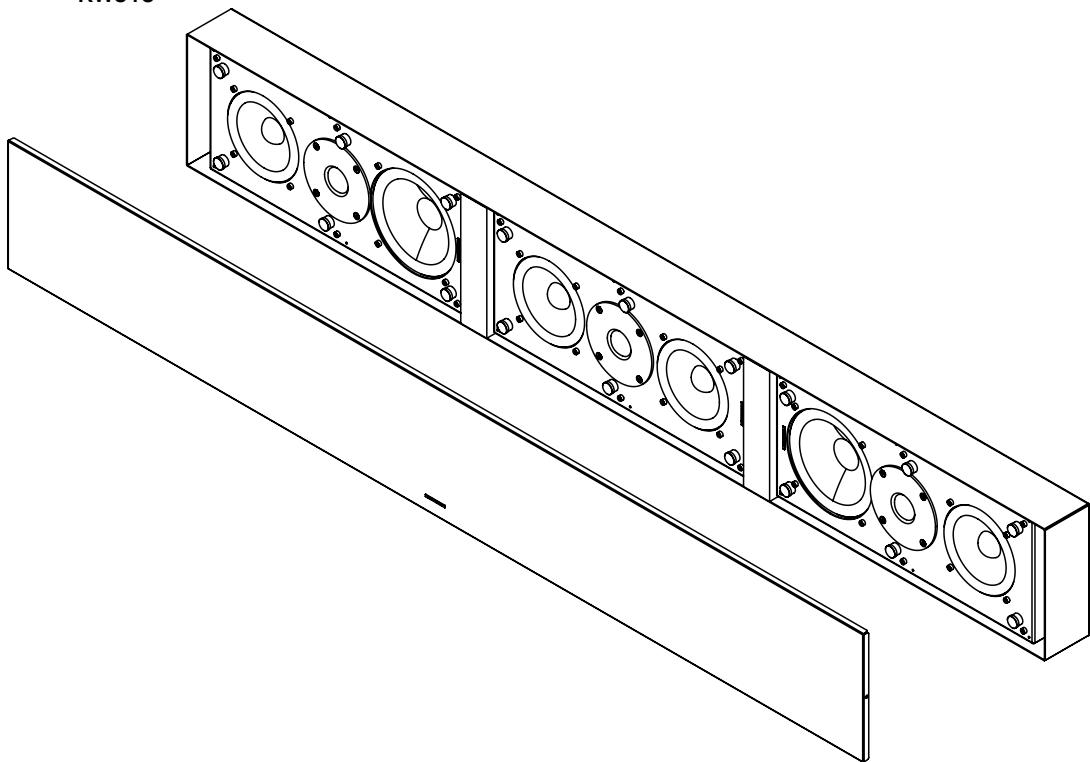
\*\*\* Power on Continuous Program is defined as 3 dB greater than the Nominal rating.

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

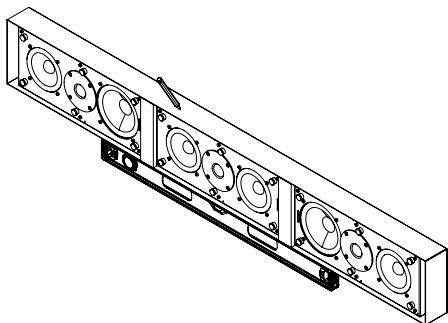
\*\*\*\*\* With dedicated ignition and maintenance process

### SOUNDBAR ON-WALL CODES

Soundbar	<b>KW3316</b>
Speaker L+R	<b>KW316</b>
Speaker C	<b>KW313</b>



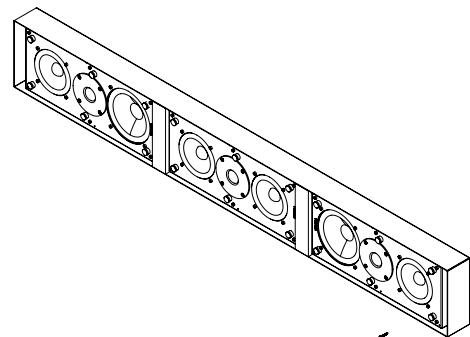
# INSTALLATION INSTRUCTIONS KW3316 Soundbar on-wall



1

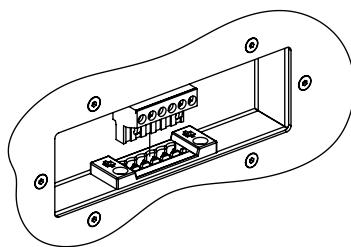


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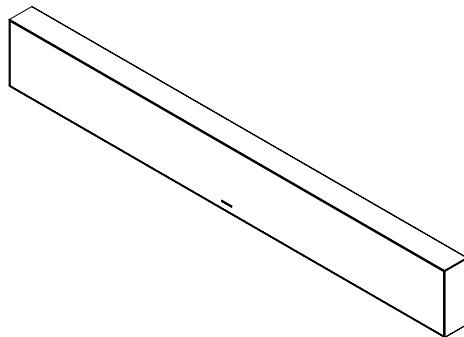


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