



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

KR3316 is a high-performance in-wall soundbar designed to deliver a powerful and well-balanced L+R+C front soundstage in a fully architectural solution. Thanks to its dedicated closed back boxes and high-efficiency transducers, it ensures excellent dialogue intelligibility, controlled dynamics and uniform sound coverage, even in large or acoustically demanding environments. Ideal for premium home cinema and professional installations, KR3316 combines high output capability, precision and discreet integration, disappearing into the wall while delivering an immersive and reliable listening experience. Designed and manufactured in Italy, it reflects Garvan Acoustic's focus on performance, control and architectural integration.

KEY FEATURES

True L+R+C in-wall soundbar

Integrated front soundstage for accurate imaging and clear dialogue.

High acoustic performance

Designed for demanding home cinema and professional applications.

Dedicated closed back boxes

Consistent and predictable sound performance, independent from wall construction.

Wide and uniform dispersion

Even sound coverage across the listening area.

Excellent dialogue intelligibility

Clear and natural speech reproduction.

No mandatory external EQ

Optional Garvan preset EQ, filters and protection available.

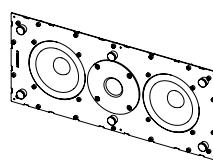
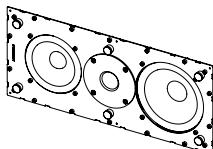
Flush architectural integration

Suitable for drywall, concrete walls and modular systems.

Premium materials and finishes

Made in Italy

Warranty up to 5 years



INSTALLATION NAME	L+R = KR316	C = KR313
Installation Type	On-Wall	In Wall / In Ceiling Speaker, Closed box
Surface Compatibility	Suitable for installation in Drywall, Concrete wall, wooden panels, modular panel, and similar.	Suitable for installation in Drywall, Concrete wall, wooden panels, modular panel, and similar.
Installation Requirements	Minimum required wall thickness: 90mm	Minimum required wall thickness: 90mm

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	WF 130 mm + TW 25mm + RP 160mm	2x WF 130 mm + TW 25mm
Nominal Impedance	8Ω	4Ω
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	40 Hz with 48 dB/Oct. High pass Filter	55 Hz with 48 dB/Oct. High pass Filter
Frequency Response (-3 dB)	60 Hz – 20 kHz **	65 Hz – 20 kHz **
Frequency Range (-10 dB)	48 Hz - 20 kHz **	57 Hz - 20 kHz **
Nominal Coverage Angle (1 KHz - 4 kHz)	> 120°	> 120°
Nominal Coverage (1 KHz – 10 kHz)	120	120

PHYSICAL

Frame Material	"zinc-plated metal + phenolic multilayer wood"	"zinc-plated metal + phenolic multilayer wood"
Speaker support Material	Lacquered or galvanic metal support	Lacquered or galvanic metal support
Cover	Lacquered or galvanic metal Grille/ Brushed stainlenss steel Grille / Fabric covered frame.	Lacquered or galvanic metal Grille/ Brushed 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 ²) to 11 AWG (4,17 mm ²) size wire.	Push connector, mounted on crossover and on speaker coax. Accepts 18 AWG (0.8 mm ²) to 11 AWG (4,17 mm ²) 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		

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

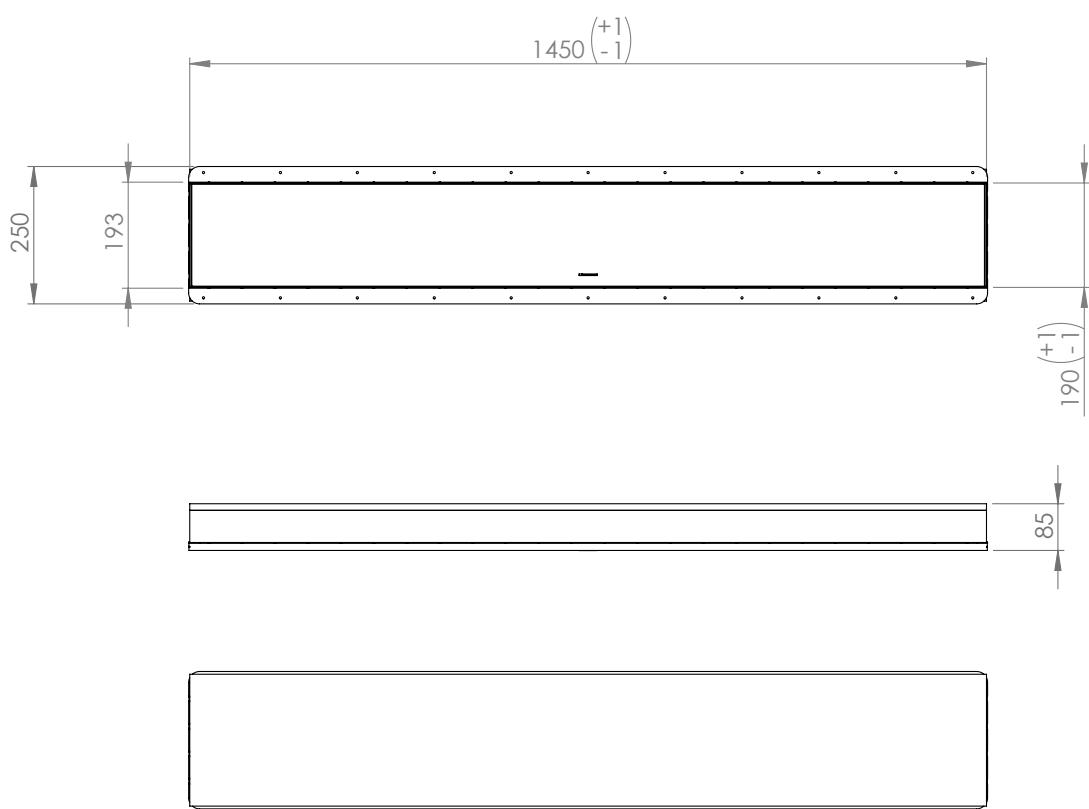
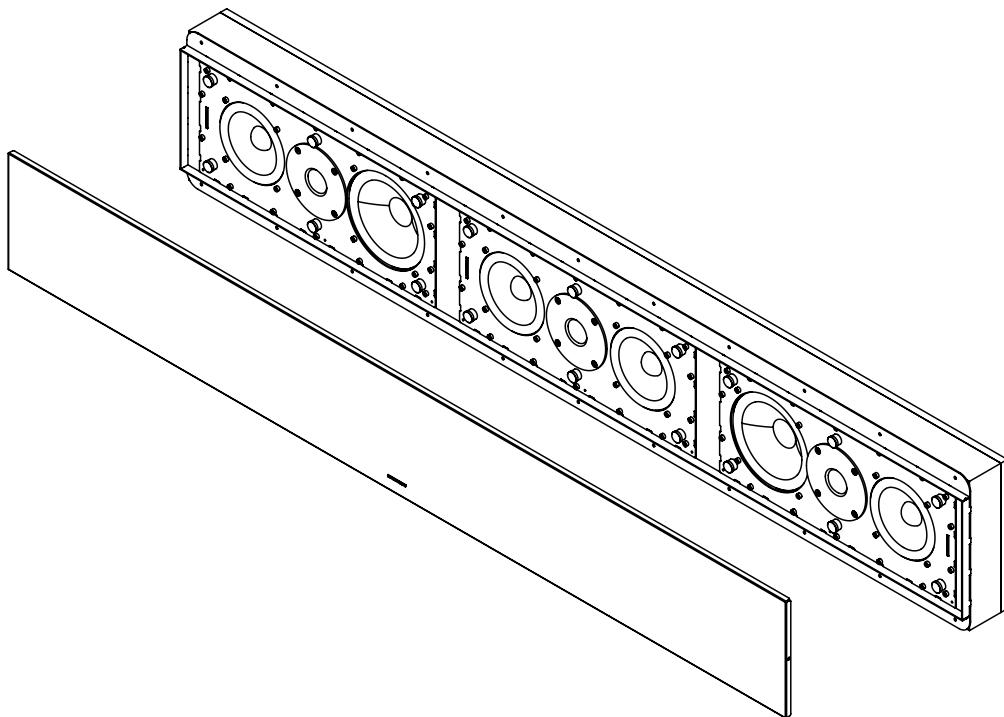
*** Power on Continuous Program is defined as 3 dB greater than the Nominal rating.

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

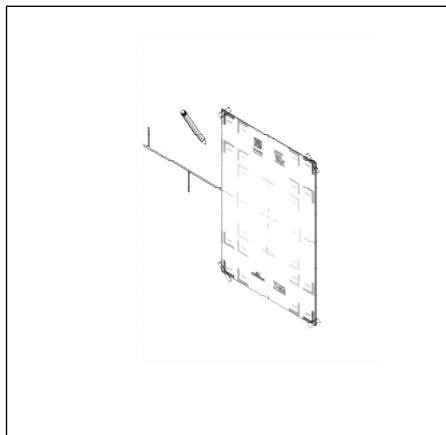
***** With dedicated ignition and maintenance process

SOUNDBAR ON-WALL CODES

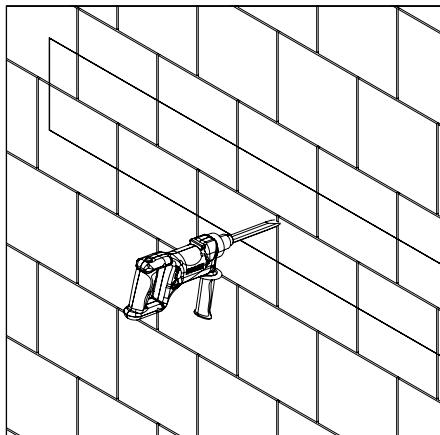
Soundbar **KR3316**
Speaker L+R **KR316**
Speaker C **KR313**



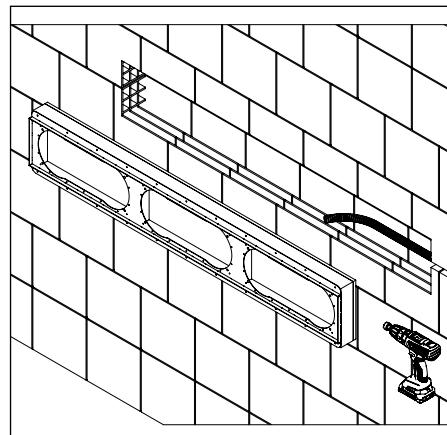
INSTALLATION INSTRUCTIONS KR3316 Soundbar in-wall - concrete wall



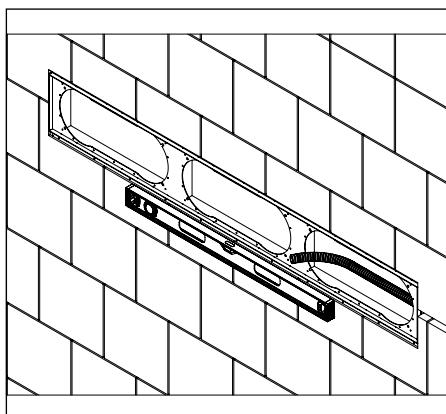
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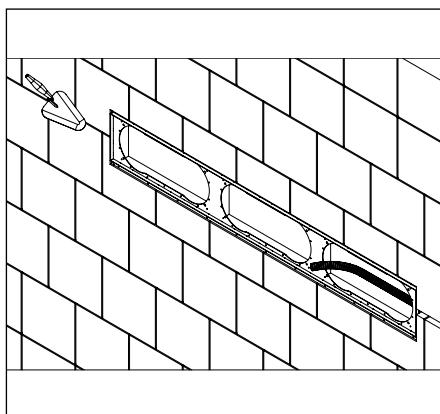
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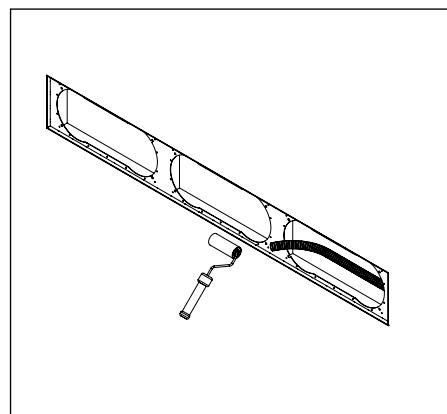
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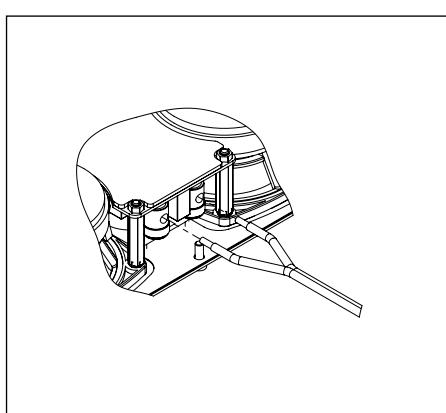
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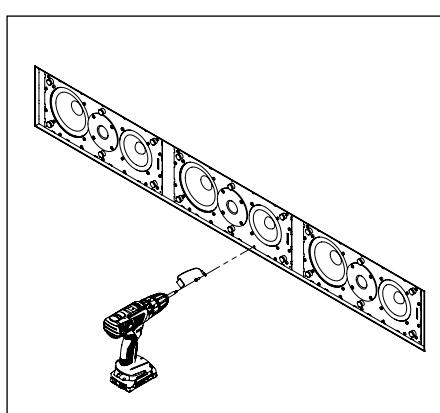
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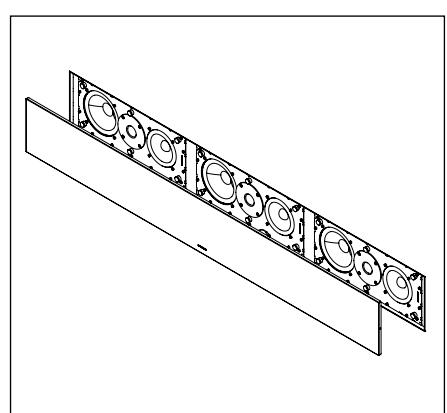
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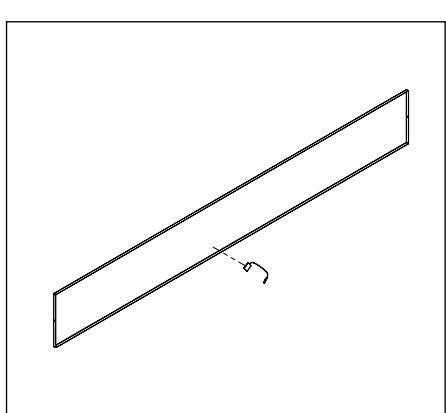
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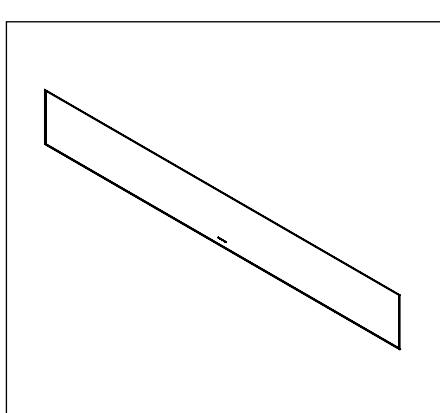
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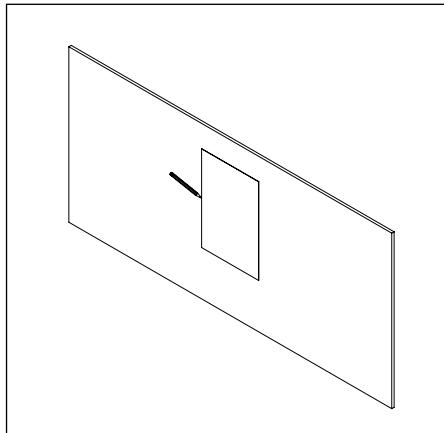


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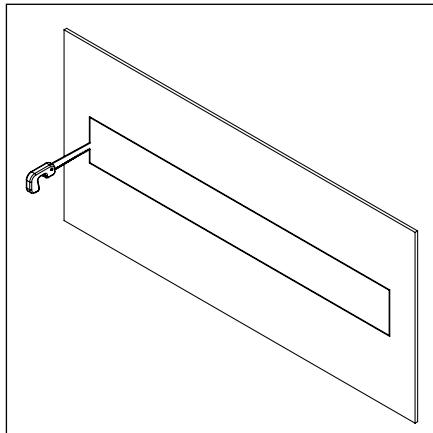


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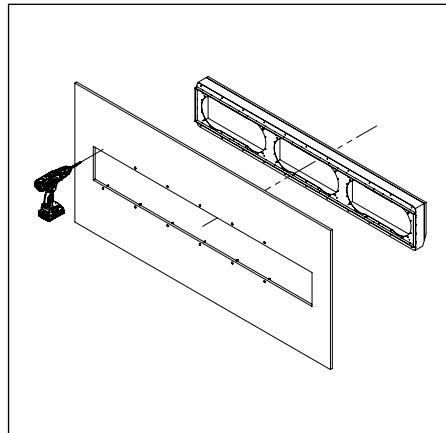
INSTALLATION INSTRUCTIONS KR3316 Soundbar in-wall - plasterboard



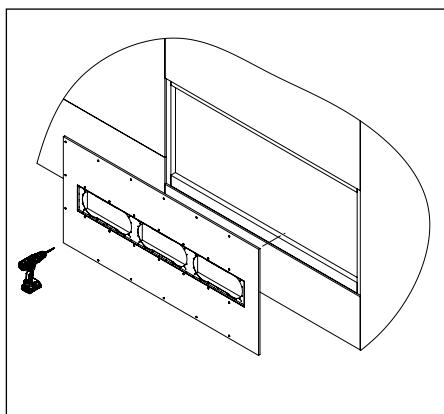
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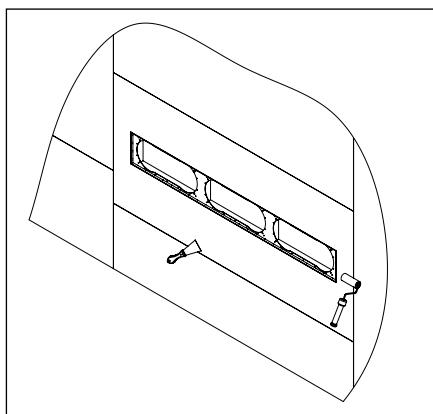
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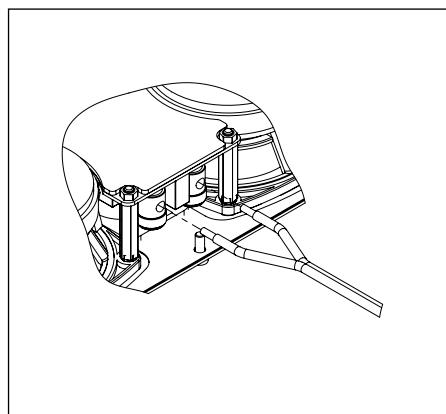
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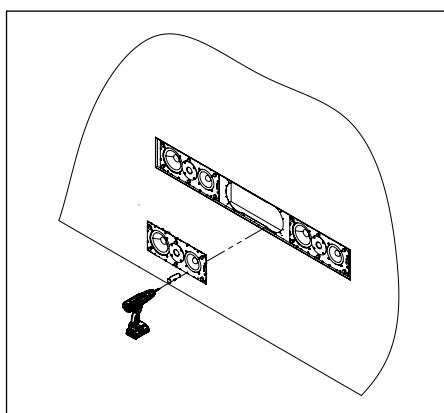
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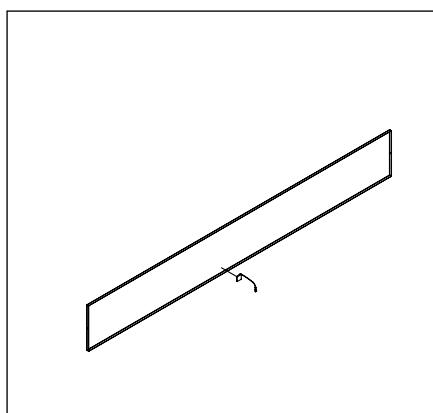
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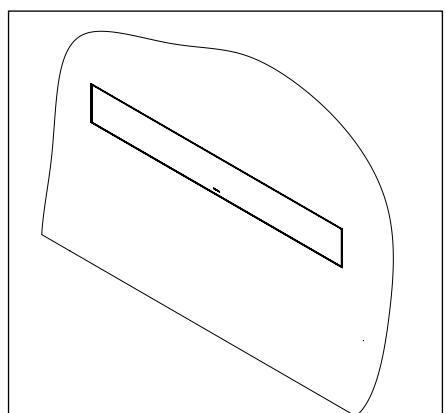
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