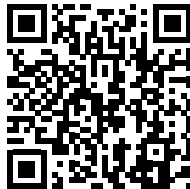




Concrete wall /
Plasterboard



**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

2-way 4x 5.25" (4x 130 mm) wall and ceiling mount speaker, 600W max, with mounting frame and speaker body, and phenolic plywood backbox, designed for optimum performance and durability, even in harsh environments. This product supports FiloMuro™ in-wall installation, suitable for plasterboard and masonry walls. The 4 x 5,25" (130 mm) woofers feature a ferrite magnet assembly, a treated cellulose cone, a rubber surround and a 1,4" (32 mm) treated silk dome tweeter for full-bodied and neodymium magnet, balanced sound across the frequency range and excellent vocal intelligibility. Connection to the amplifier is via spring terminals that can accommodate up to AWG11 wire. The aesthetic cover is held securely in place by powerful neodymium magnets. The grille cover can be customized in various materials, including perforated steel that it can be painted white or pre-painted according to RAL or NCS codes and even treated with galvanic effects. Fabric coverings can also be used, available in a wide choice of textures and colours, as shown in the Garvan sample books.

KEY FEATURES

High Power: Handles up to 600W max for dynamic, full-room coverage.

Multi-Driver Design: Four 5.25" woofers + 1.4" tweeter for rich, detailed sound.

In-Wall/In-Ceiling Mounting: Designed for plasterboard or concrete walls.

Discreet Aesthetics: Flush-mount installation with magnetic grille cover.

Customizable Finish: Choose perforated steel, RAL/NCS paint, or fabric.

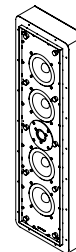
Excellent Vocal Clarity: Wide frequency range and high intelligibility.

Broad Coverage: Over 120° nominal dispersion between 1-4 kHz.

Durable Materials: Zinc-plated frame and phenolic plywood backbox.

Easy Installation: Push connectors and optional installation kits.

Made in Italy: Designed and handcrafted for architectural audio excellence.



INSTALLATION NAME	Flush-Mount™ Concrete wall/Plasterboard
Installation Type	In Wall / In Ceiling Speaker, Closed box
Surface Compatibility	Suitable for installation in Concrete Wall and similar.
Installation Requirements	Minimum required wall thickness: 90mm
SINGLE LOUDSPEAKER PERFORMANCE	
AES Power Handling	300 W
Continuous Power Handling ***	600 W
Sensitivity 2,83V / 1m ****	92,5 dB
Sensitivity 1W/1m ****	92,5 dB
Calculated Maximum SPL @ 1m*	129 dB
TRANSDUCER	
Type	2 Way
Nominal size	4x WF 130 + TW 32mm
Nominal Impedance	8Ω
Loudspeaker EQ	Not required, Garvan Preset EQ, Filter and protection available
Recommended High-Pass Filter Protection	60 Hz with 48 dB/Oct. High pass Filter
Frequency Response (-3 dB)	70 Hz - 20 kHz **
Frequency Range (-10 dB)	58 Hz - 20 kHz **
Nominal Coverage Angle (1 KHz - 4 kHz)	> 120°
Nominal Coverage (1 KHz – 10 kHz)	80°
PHYSICAL	
Frame Material	"zinc-plated metal + phenolic multilayer wood"
Speaker support Material	Lacquered or galvanic metal support
Cover	Lacquered or galvanic metal Grille/ Brushed stainless steel Grille / Fabric covered frame.
ENVIRONMENTAL FEATURES	
Environment of Use	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.
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
MAINTENANCE				
Cleaning Method				microfiber cloth
General precautions				do not use harsh cleaning products
INCLUDED ACCESSORIES				
				Jig set
OPTIONAL ACCESSORIES				
Transformer for hight line voltage				TRT052 - 70/100V - 25/37/50W
Transformer for hight line voltage				TRT054 - 70/100V - 10/15/20W
Cover installation kit				GAR136
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

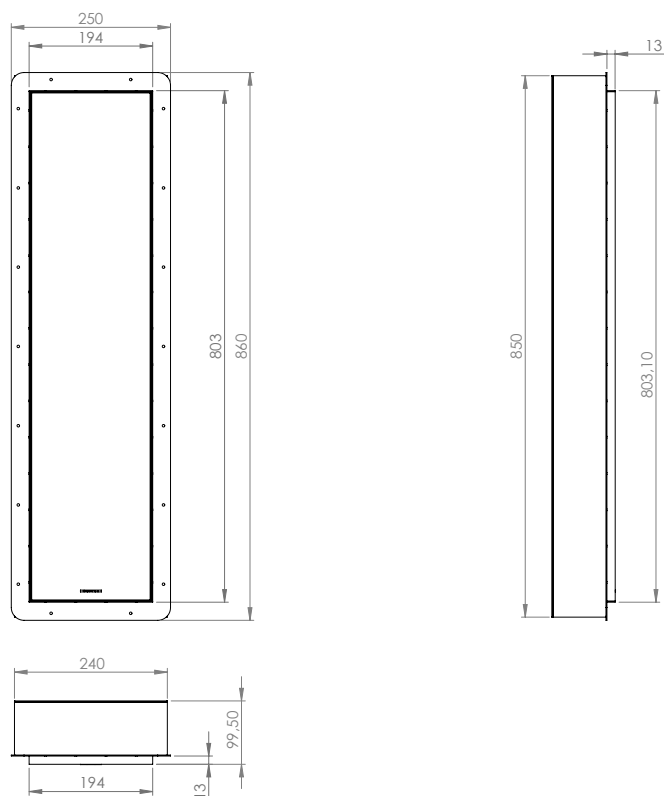
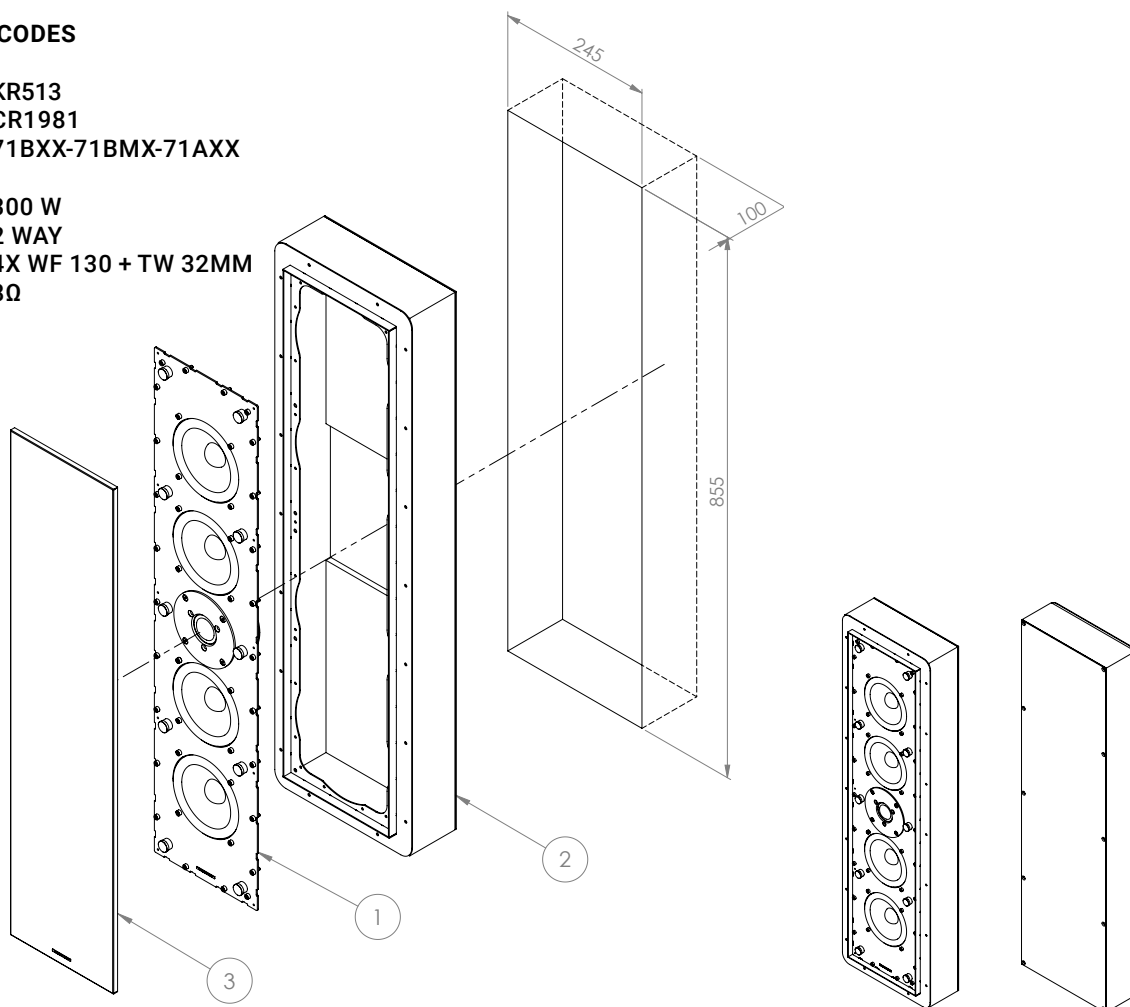
KR513 / CR1981

FLUSH-MOUNT™ CONCRETE WALL PRODUCT SHEET

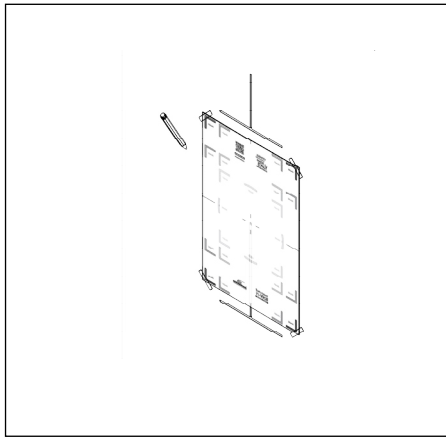
FLUSH-MOUNT™ CODES

1 Loudspeaker **KR513**
2 Frame **CR1981**
3 Front cover **71BXX-71BMX-71AXX**

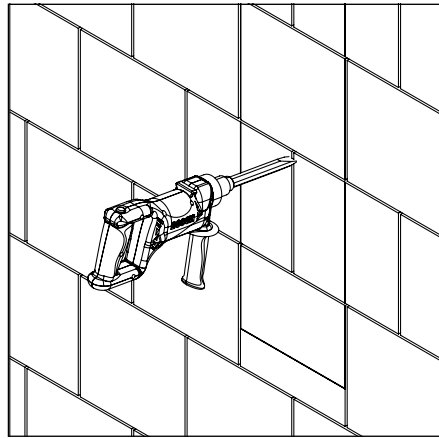
AES POWER **300 W**
TYPE **2 WAY**
NOM. SIZE **4X WF 130 + TW 32MM**
NOM. IMP. **8Ω**



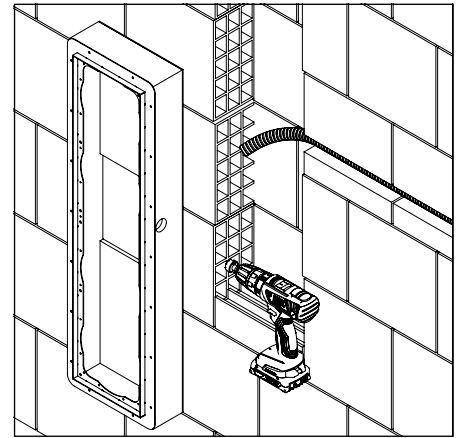
INST. INSTRUCTIONS **KR513 / CR1981 Flush-Mount™ Concrete wall**



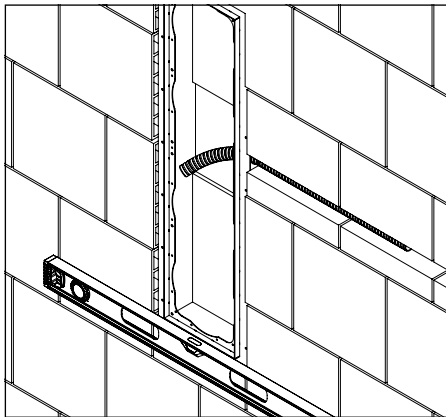
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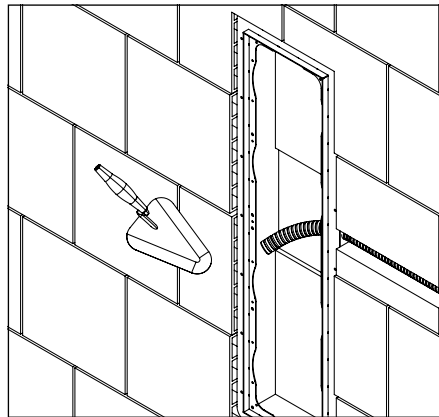
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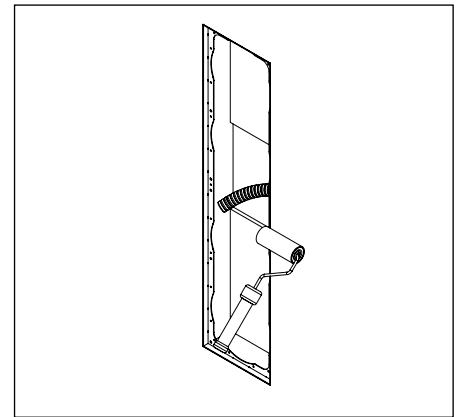
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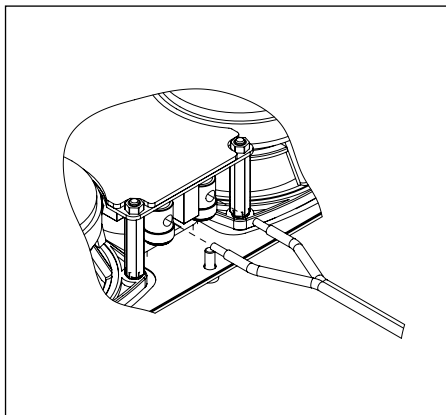
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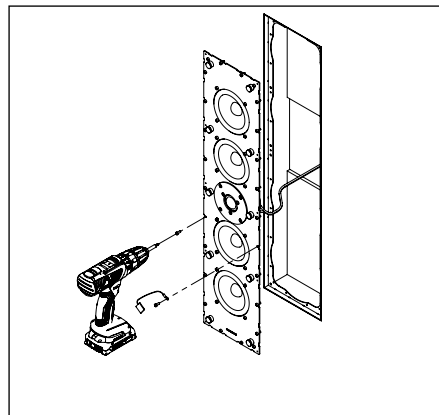
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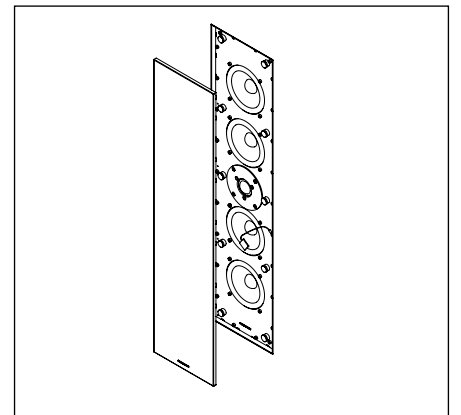
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