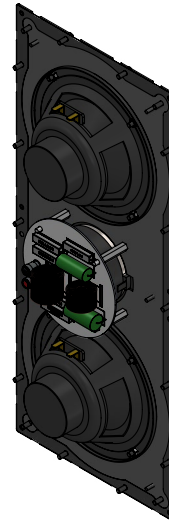
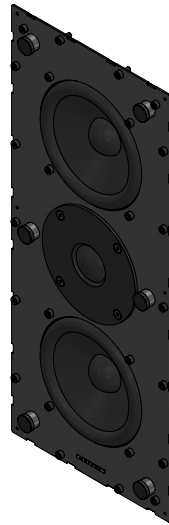
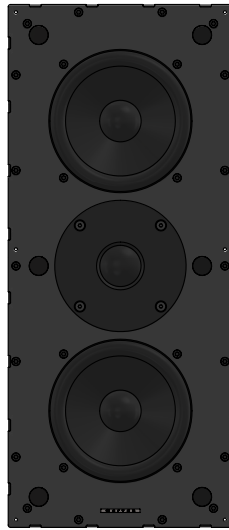




Concrete wall



**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 2x 5.25" (2x 130 mm) wall and ceiling mount speaker, 320 W 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 2 x 6.5" (160 mm) woofers feature a ferrite magnet assembly, a treated cellulose cone, a rubber surround and a 1" (25 mm) treated silk dome tweeter for full-bodied, 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

2-way in-wall/in-ceiling speaker with two 5.25" woofers and one 1" silk dome tweeter for natural and balanced sound.

High power handling: 160 W AES / 320 W continuous power.

Flush-Mount™ installation suitable for both plasterboard and masonry walls, with minimum wall depth of 90 mm.

Wide frequency response: 65 Hz – 20 kHz (-3 dB), ensuring excellent vocal intelligibility and musicality.

Neodymium magnetic grille available in lacquered steel, stainless steel or fabric – customizable in RAL/NCS colors or textures.

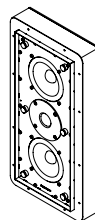
Durable design: zinc-plated metal frame and phenolic plywood backbox for harsh environments.

High sensitivity: 90 dB (1W/1m), delivering high output with minimal power.

Coverage angle over 120°, ideal for even sound dispersion in medium and large spaces.

Push terminals compatible with cables up to 11 AWG for easy, secure connections.

Made in Italy with 3+1+1 year extended warranty included upon registration.



INSTALLATION NAME	
	Flush-Mount™ Concrete wall
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	160 W
Continuous Power Handling ***	320 W
Sensitivity 2,83V / 1m ****	93 dB
Sensitivity 1W/1m ****	90 dB
Calculated Maximum SPL @ 1m*	124 dB
TRANSDUCER	
Type	2 Way
Nominal size	2x WF 130 mm + TW 25mm
Nominal Impedance	4Ω
Loudspeaker EQ	Not required, Garvan Preset EQ, Filter and protection available
Recommended High-Pass Filter Protection	55 Hz with 48 dB/Oct. High pass Filter
Frequency Response (-3 dB)	65 Hz – 20 kHz **
Frequency Range (-10 dB)	57 Hz - 20 kHz **
Nominal Coverage Angle (1 KHz - 4 kHz)	> 120°
Nominal Coverage (1 KHz – 10 kHz)	120
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 high line voltage				TRT052 - 70/100V - 25/37/50W
Transformer for high 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

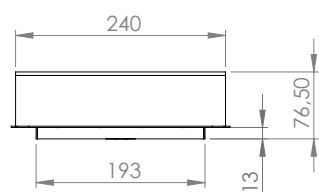
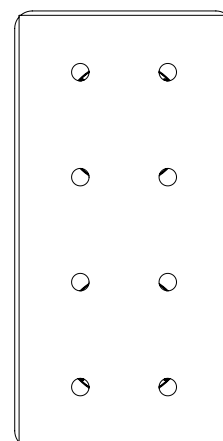
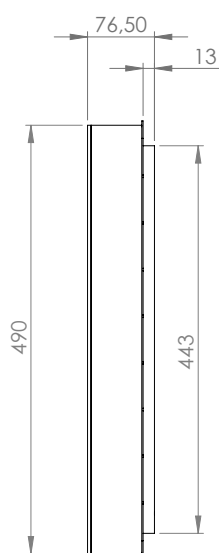
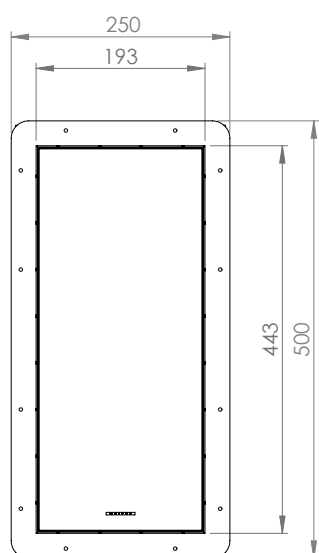
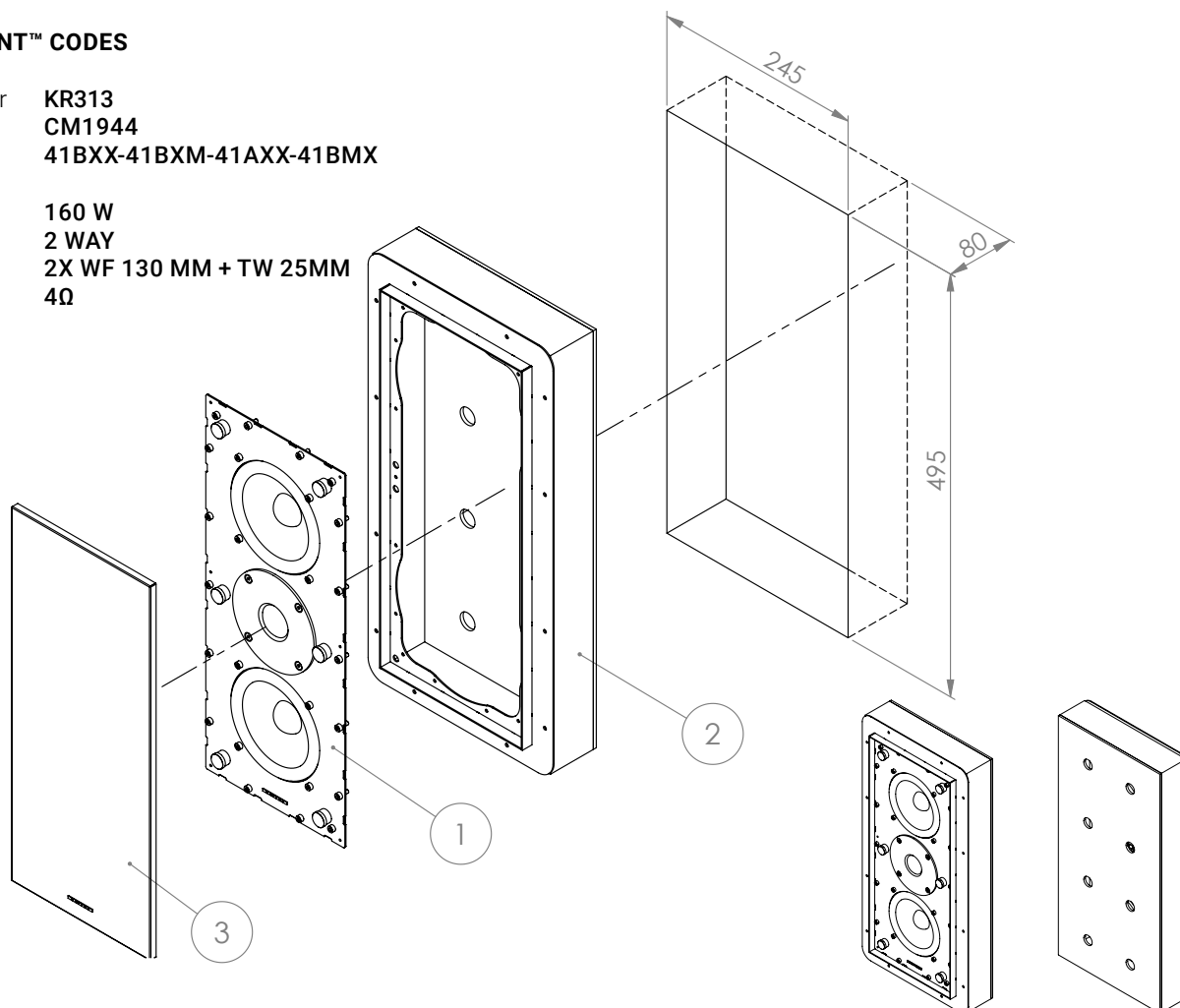
KR313 / CM1944

FLUSH-MOUNT™ CONCRETE WALL PRODUCT SHEET

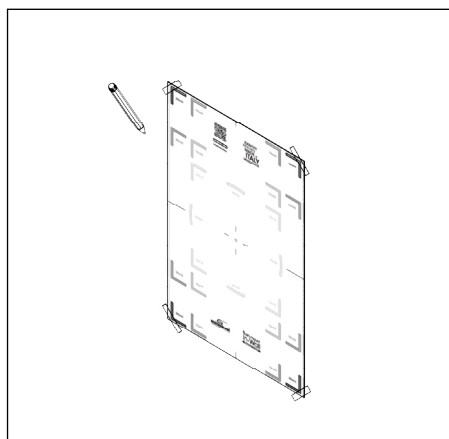
FLUSH-MOUNT™ CODES

1 Loudspeaker **KR313**
2 Frame **CM1944**
3 Front cover **41BXX-41BXM-41AXX-41BMX**

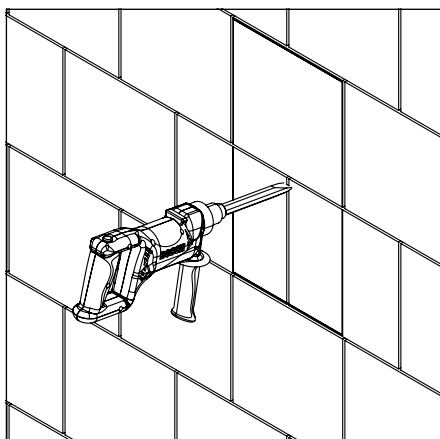
AES POWER **160 W**
TYPE **2 WAY**
NOM. SIZE **2X WF 130 MM + TW 25MM**
NOM. IMP. **4Ω**



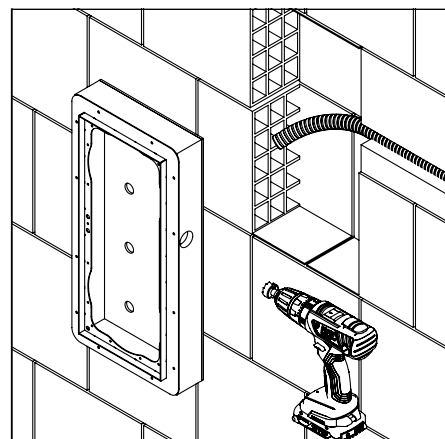
INST. INSTRUCTIONS KR313 / CM1944 Flush-Mount™ Concrete wall



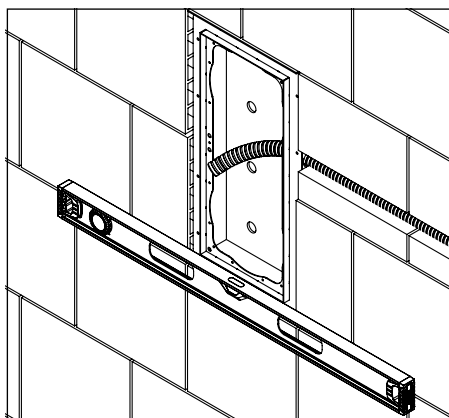
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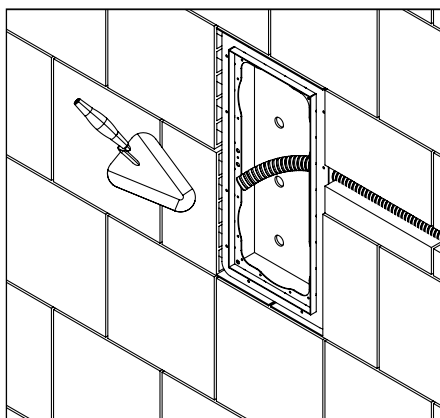
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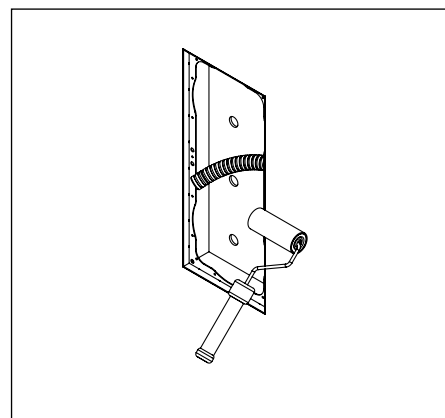
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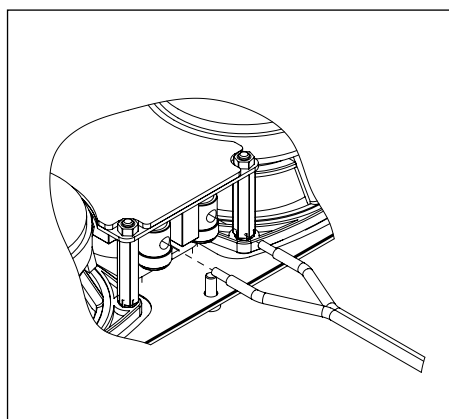
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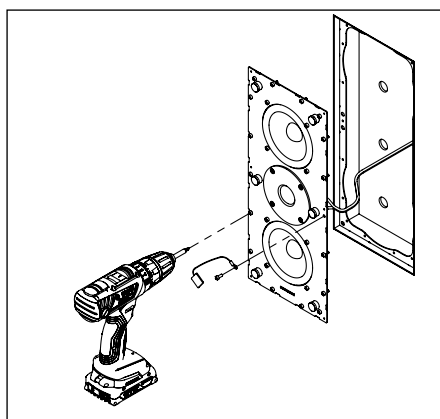
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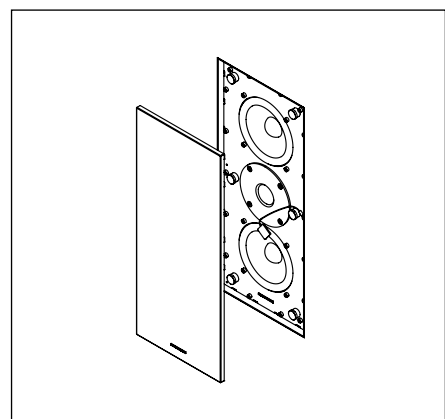
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