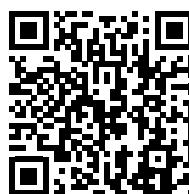
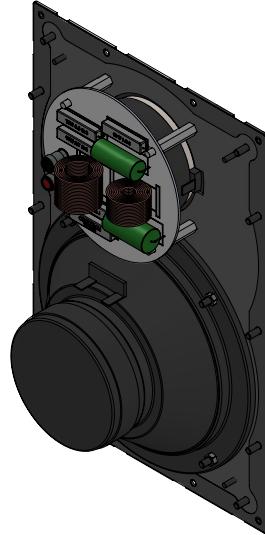
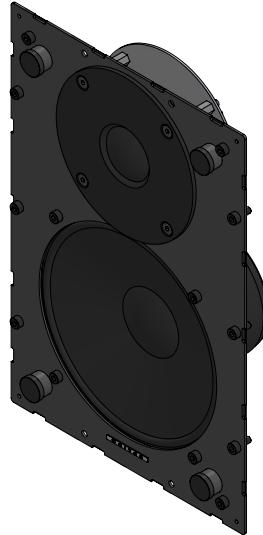
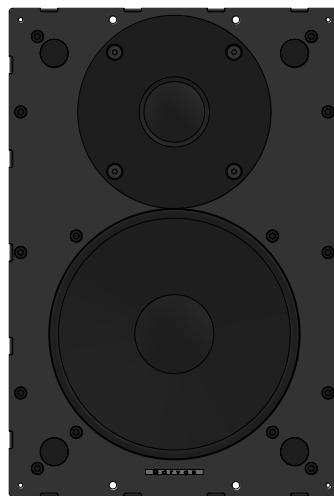




Flush-Mount



**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

6.5" (160 mm) 2-way in-wall and in-ceiling speaker, 240 W max, with steel mounting frame and speaker body, designed to ensure optimal performance and long-term durability, even in demanding environments.

This product supports FiloMuro™ recessed installation, ideal for plasterboard.

The 6.5" (160 mm) woofer features a ferrite magnet assembly, a treated cellulose cone, a rubber surround, and a 1" (25 mm) treated silk dome tweeter, delivering a full-bodied, balanced sound across the entire frequency range with excellent vocal intelligibility.

Connection to the amplifier is made via spring-loaded terminals, compatible with cables up to AWG11 gauge.

The aesthetic front cover is securely attached with powerful neodymium magnets. The grille can be customized in various materials, including perforated steel, paintable in white or pre-painted according to RAL or NCS codes, and can also be treated with galvanic finishes.

Alternatively, fabric covers are available, offered in a wide selection of textures and colors, as shown in Garvan's sample books.

## KEY FEATURES

**Flush-Mount Design:** For seamless installation in walls or ceilings (plasterboard, wood, modular panels).

Max SPL: 118 dB

**2-Way Loudspeaker:** Equipped with a 160 mm woofer and 25 mm tweeter for wide frequency response.

Frequency Response: 60 Hz – 20 kHz (-3 dB)

**Wide Coverage:** 120° nominal dispersion (1–4 kHz), ensuring uniform sound distribution.

**Elegant Covers:** Available in lacquered metal, brushed stainless steel, or fabric-covered finishes to blend into any décor.

**High Performance:**

**Easy Installation:** Includes jig set

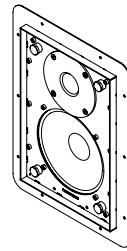
AES Power Handling: 75W

**Garvan Acoustic Preset EQ:** Optional preset available for tailored audio performance without external processing.

Continuous Program Power: 150W

**Environmental Use:** Designed for indoor applications with durable, corrosion-resistant materials.

Sensitivity: 87.5 dB (1W/1m)



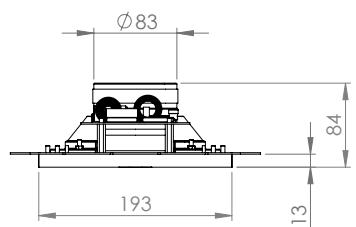
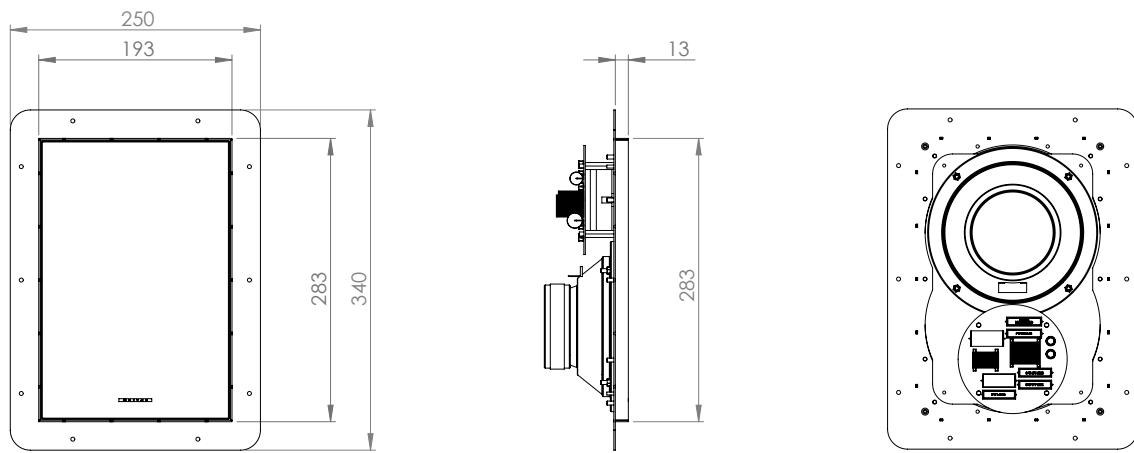
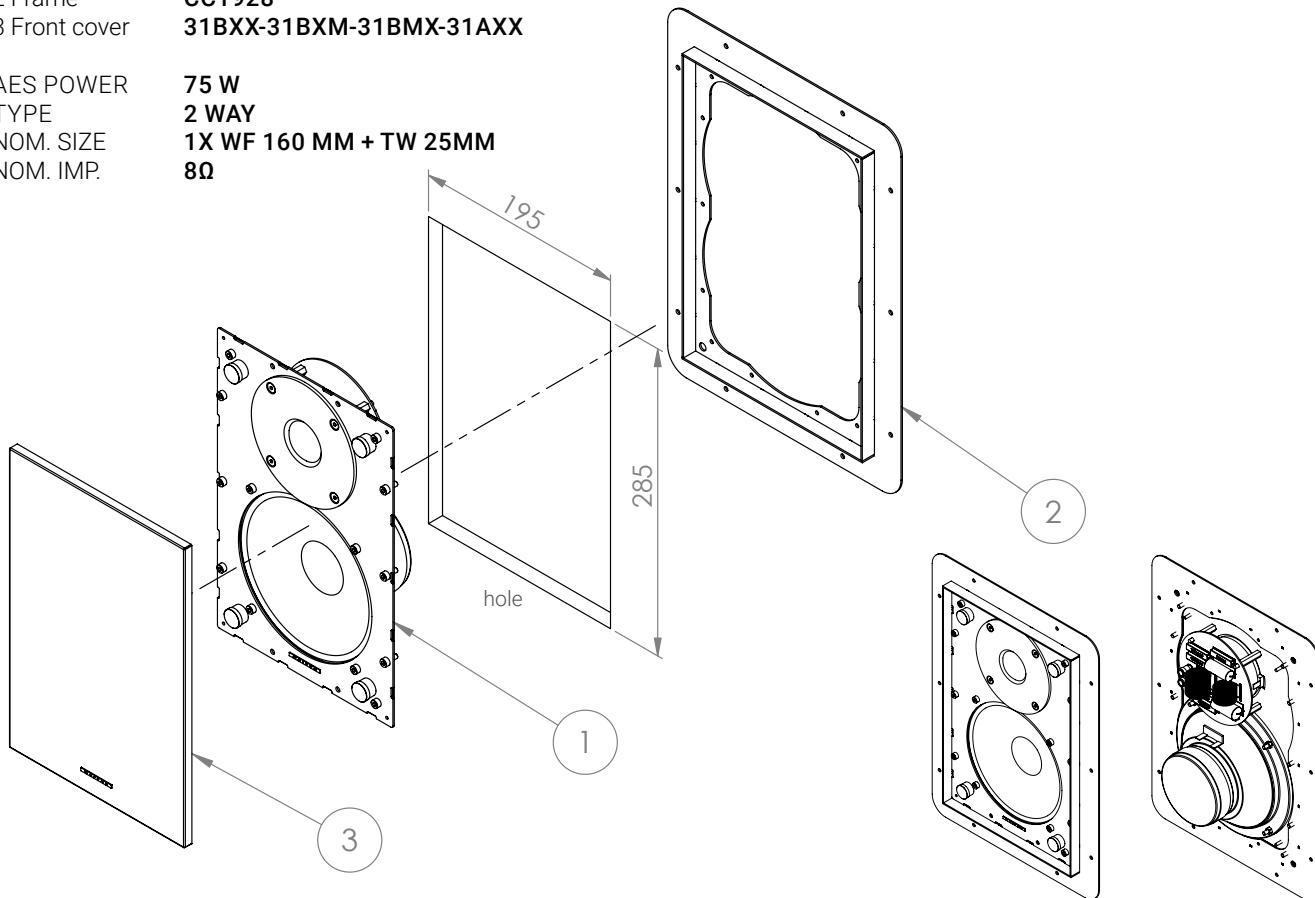
INSTALLATION NAME	Flush-Mount™ Plasterboard
Installation Type	In Wall / In Ceiling Speaker, free air
Surface Compatibility	Suitable for installation in Plasterboard, wooden panels, modular panel, and similar.
Installation Requirements	Required support thickness: 12,5-25mm
<b>SINGLE LOUDSPEAKER PERFORMANCE</b>	
AES Power Handling	75 W
Continuous Power Handling ***	150 W
Sensitivity 2,83V / 1m ****	87,5 dB
Sensitivity 1W/1m ****	87,5 dB
Calculated Maximum SPL @ 1m*	118 dB
<b>TRANSDUCER</b>	
Type	2 Way
Nominal size	1x WF 160 mm + TW 25mm
Nominal Impedance	8Ω
Loudspeaker EQ	Not required, Garvan Preset EQ, Filter and protection available
Recommended High-Pass Filter Protection	55 Hz with 48 dB/Oct. Hight pass Filter
Frequency Response (-3 dB)	60 Hz - 20 kHz **
Frequency Range (-10 dB)	53 Hz - 20 kHz **
Nominal Coverage Angle (1 KHz - 4 kHz)	120°
Nominal Coverage (1 KHz – 10 kHz)	90°
<b>PHYSICAL</b>	
Frame Material	zinc-plated metal
Speaker support Material	Lacquered or galvanic metal support
Cover	Lacquered or galvanic metal Grille/ Brushed stainlenss steel Grille / Fabric covered frame.
<b>ENVIRONMENTAL FEATURES</b>	
Enviropment 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 <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			
<b>LOGISTICAL DATA</b>			
Packaging dimensions			
Shipping Weight			
Quantity of products per package	1 to 2 based on logistics optimization per shipment		
<b>MAINTENANCE</b>			
Cleaning Method	microfiber cloth		
General precautions	do not use harsh cleaning products		
<b>INCLUDED ACCESSORIES</b>			
	Jig set		
<b>OPTIONAL ACCESSORIES</b>			
Cover installation kit	GAR136		
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
<b>NOTES:</b>			
* 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			

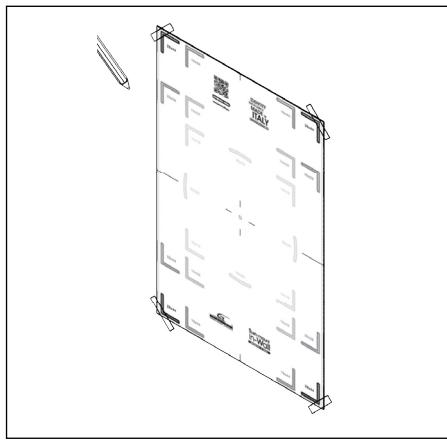
### FLUSHMOUNT™ CODES

1 Loudspeaker **KC216**  
 2 Frame **CC1928**  
 3 Front cover **31BXX-31BXM-31BMX-31AXX**

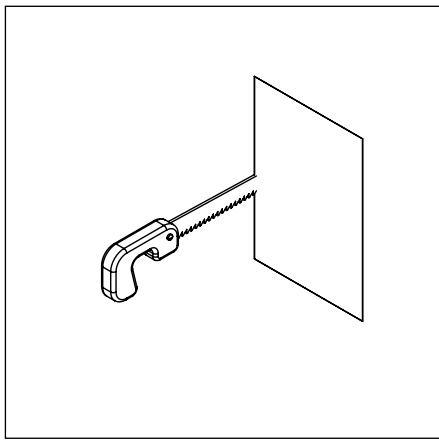
AES POWER **75 W**  
 TYPE **2 WAY**  
 NOM. SIZE **1X WF 160 MM + TW 25MM**  
 NOM. IMP. **8Ω**



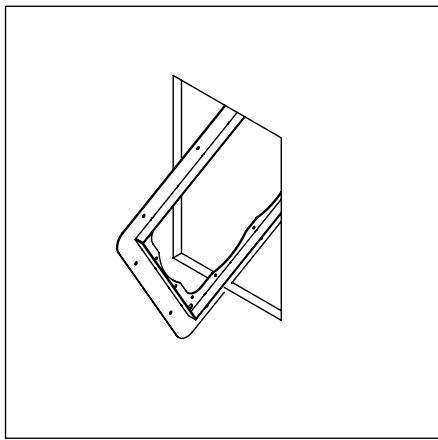
# INST. INSTRUCTIONS KC216 / CC1928 FlushMount™ Plasterboard



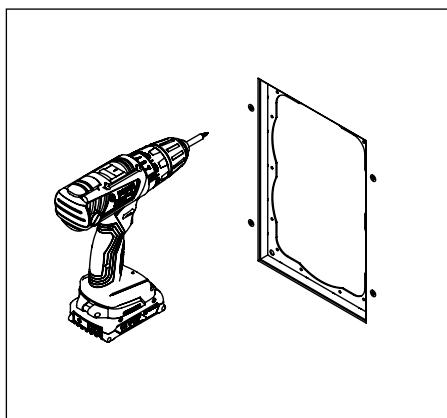
1 Jig set



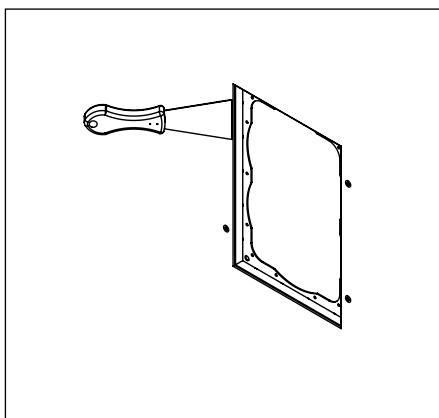
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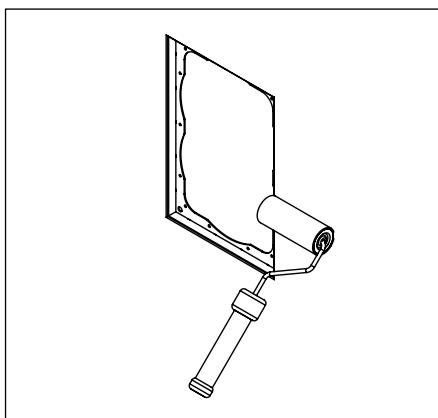
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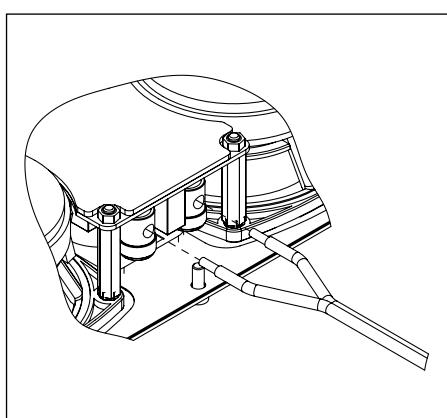
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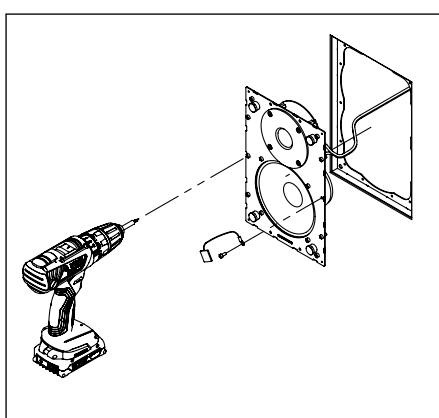
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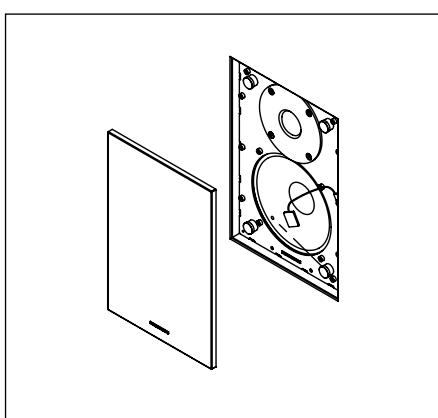
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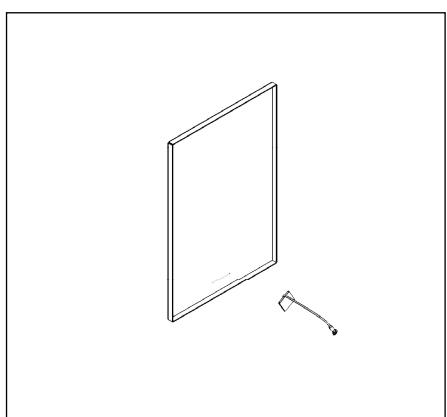
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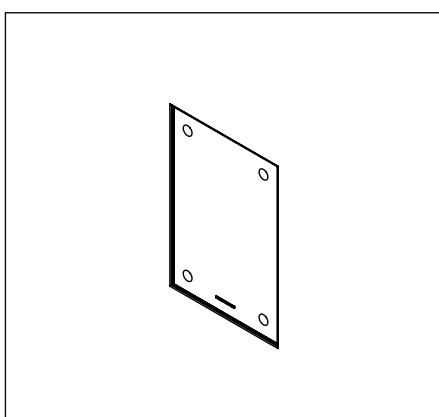
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9



10



11

