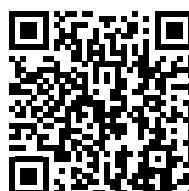
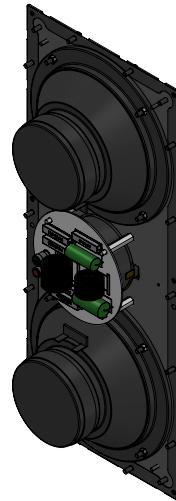
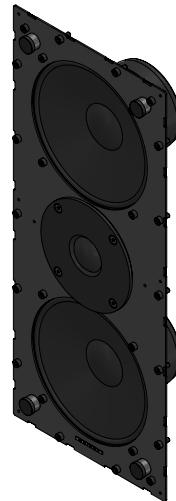
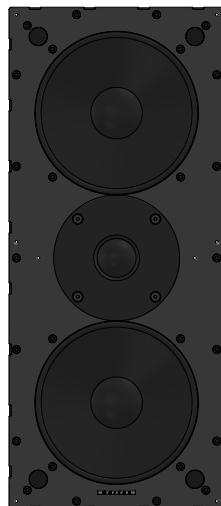




Flush-Mount



**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

2x 6.5" (160 mm) 2-way in-wall and in-ceiling speaker, 240 W max, with steel mounting frame and speaker body, designed for optimal performance and durability, even in harsh environments. This product supports FiloMuro™ recessed installation, suitable for plasterboard. The 6.5" (160 mm) woofer speaker features a ferrite magnet magnet assembly, a treated cellulose cone, a rubber surround, and a 1" (25 mm) treated silk dome tweeter for full-bodied, balanced sound throughout the frequency range and excellent intelligibility of vocals. Connection to the amplifier is via spring-loaded terminals that can accommodate cables up to AWG11 gauge. The aesthetic cover is securely fastened by powerful neodymium magnets. The grille cover can be customized in various materials, including perforated steel that can be painted white or prepainted according to RAL or NCS codes and even treated with galvanic effects. In addition, fabric covers can be used, which are available in a wide selection of textures and colors, as shown in Garvan's sample books.

## KEY FEATURES

2x 6.5" 2-Way System

Dual woofer and silk dome tweeter for balanced, detailed sound.

High Power Handling

150W AES / 300W continuous, max SPL 124 dB.

Wide Frequency Response

58 Hz – 20 kHz (-3 dB), 41 Hz – 20 kHz (-10 dB).

Wide Dispersion

120° (1–4 kHz) / 90° (1–10 kHz).

FiloMuro™ Installation

Flush-mount for plasterboard and modular panels.

Customizable Front Cover

Perforated steel or fabric, with magnetic fixing.

Quick Connection

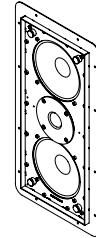
Push terminals, supports up to AWG11 cables.

Indoor Use

Durable materials, made in Italy.

Extended Warranty

3+1+1 years included.

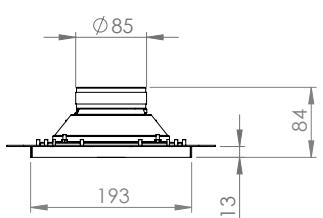
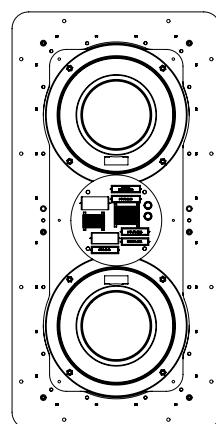
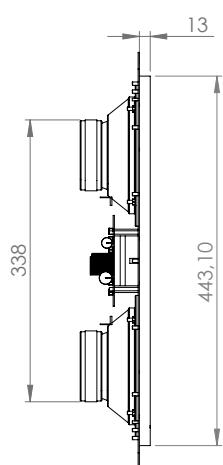
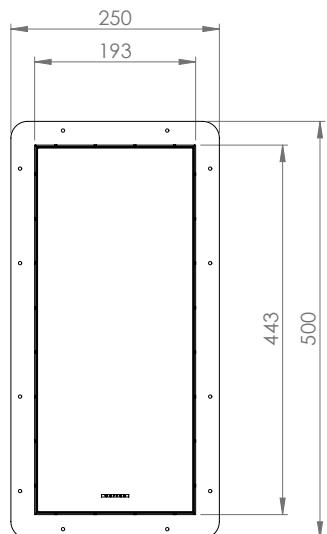
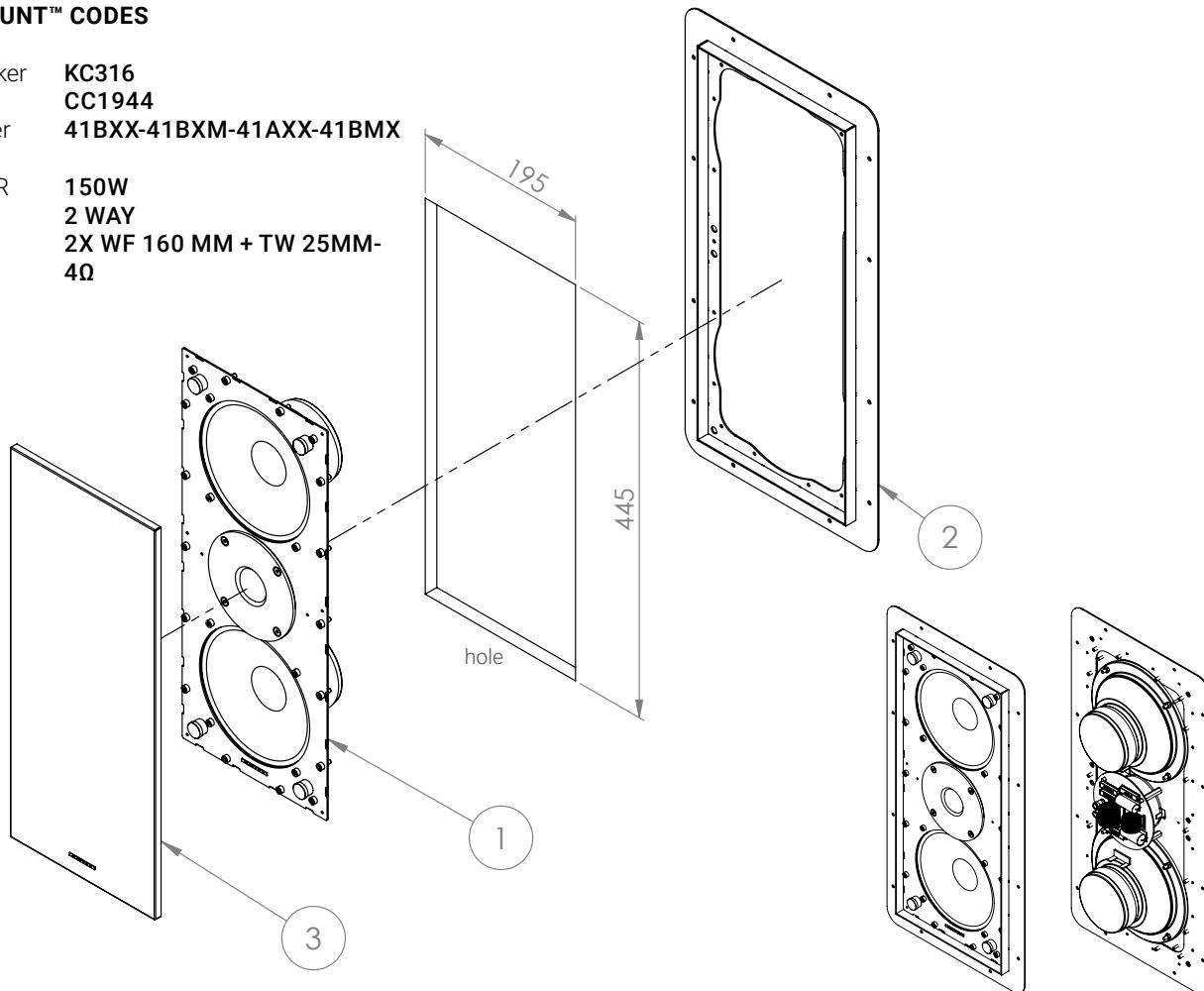


<b>INSTALLATION NAME</b>		<b>FlushMount™ Plasterboard</b>
<b>Installation Type</b>		In Wall / In Ceiling Speaker, free air
<b>Surface Compatibility</b>		Suitable for installation in Plasterboard, wooden panels, modular panel, and similar.
<b>Installation Requirements</b>		Required support thickness: 12,5-25mm
<b>SINGLE LOUDSPEAKER PERFORMANCE</b>		
<b>AES Power Handling</b>		150W
<b>Continuous Power Handling ***</b>		300 W
<b>Sensitivity 2,83V / 1m ****</b>		93 dB
<b>Sensitivity 1W/1m ****</b>		90 dB
<b>Calculated Maximum SPL @ 1m*</b>		124 dB
<b>TRANSDUCER</b>		
<b>Type</b>		2 Way
<b>Nominal size</b>		2x WF 160 mm + TW 25mm
<b>Nominal Impedance</b>		4Ω
<b>Loudspeaker EQ</b>		Not required, Garvan Preset EQ, Filter and protection available
<b>Recommended High-Pass Filter Protection</b>		40 Hz with 48 dB/Oct. Hight pass Filter
<b>Frequency Response (-3 dB)</b>		58 Hz - 20 kHz **
<b>Frequency Range (-10 dB)</b>		41 Hz - 20 kHz **
<b>Nominal Coverage Angle (1 KHz - 4 kHz)</b>		120°
<b>Nominal Coverage (1 KHz – 10 kHz)</b>		90°
<b>PHYSICAL</b>		
<b>Frame Material</b>		zinc-plated metal
<b>Speaker support Material</b>		Lacquered or galvanic metal support
<b>Cover</b>		Lacquered or galvanic metal Grille / Brushed stainlenss steel Grille / Fabric covered frame.
<b>ENVIRONMENTAL FEATURES</b>		
<b>Enviropment of Use</b>		Indoor environments
<b>Operating Temperature Range *****</b>		
<b>environmental protection.</b>		
<b>Connectors</b>		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.
<b>Maximum Ceiling Thickness</b>		
<b>Product Dimensions</b>		

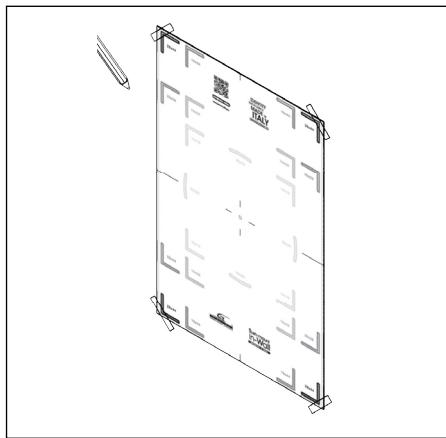
Ceiling Cutout			
Net Weight, Frame			
Net Weight, Loudspeaker			
Net Weight, Cover			
<b>LOGISTICAL DATA</b>			
Packaging dimensions			
Shipping Weight			
Quantity of products per package	1 to 2 based on logistics optimization per shipment		
<b>MAINTENANCE</b>			
Cleaning Method	microfiber cloth		
General 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			

### FLUSH-MOUNT™ CODES

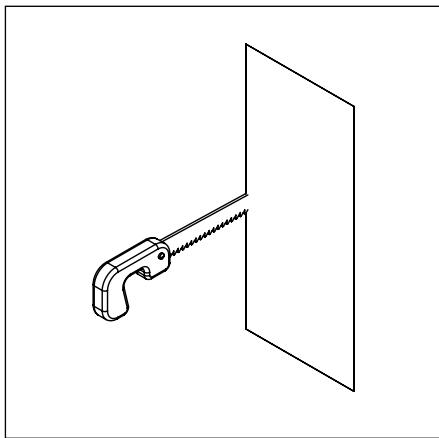
1 Loudspeaker	<b>KC316</b>
2 Frame	<b>CC1944</b>
3 Front cover	<b>41BXX-41BXM-41AXX-41BMX</b>
AES POWER	<b>150W</b>
TYPE	<b>2 WAY</b>
NOM. SIZE	<b>2X WF 160 MM + TW 25MM-</b>
NOM. IMP.	<b>4Ω</b>



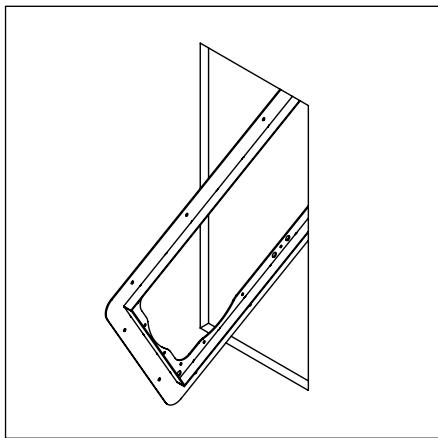
# INST. INSTRUCTIONS KC316 / CC1944 Flush-Mount™ Plasterboard



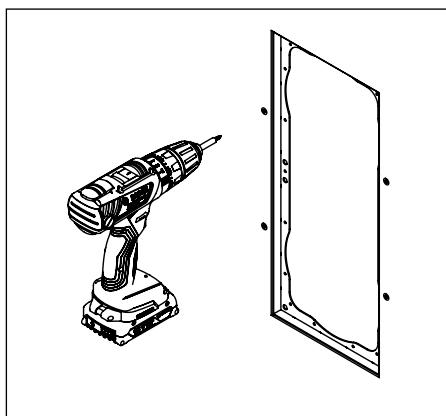
1 Jig set



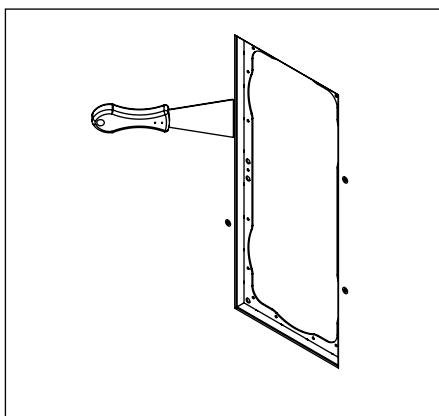
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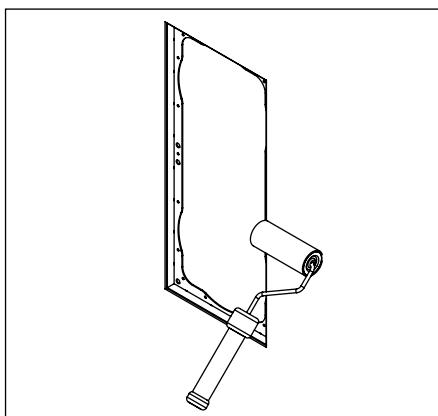
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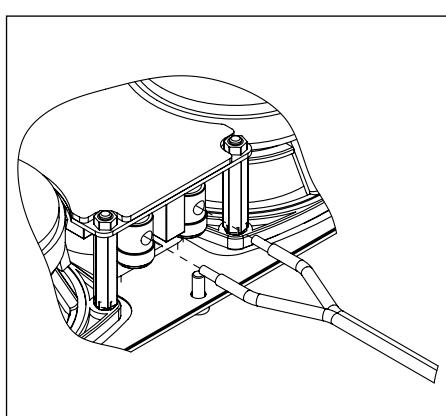
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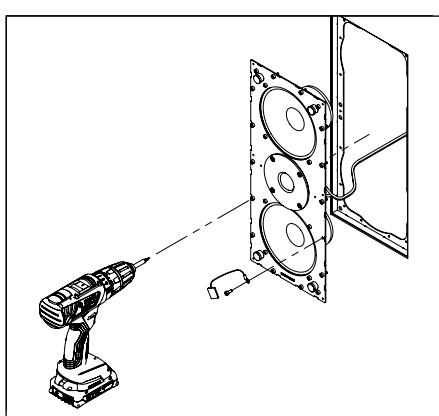
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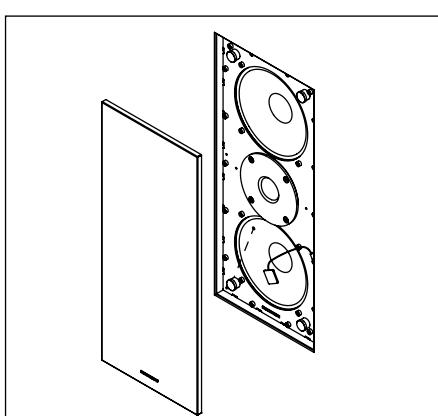
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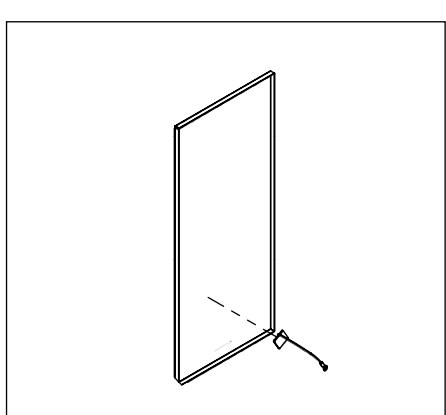
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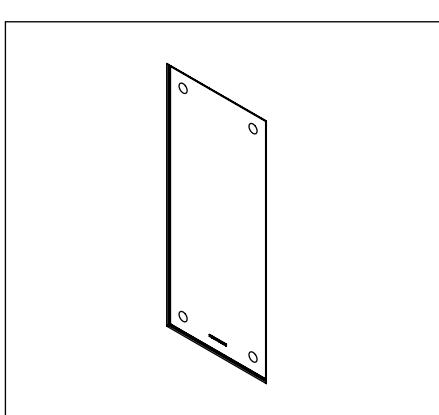
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9



10



11

