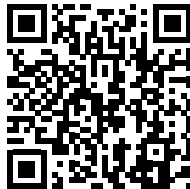
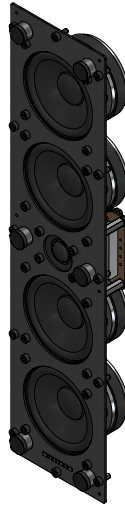




Plasterboard



**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

3.5" (88 mm) 2-way in-wall and in-ceiling speaker, 320 W max, with steel mounting frame and speaker body, designed for optimum performance and durability, even in harsh environments. This product supports installation with integration solutions including FiloMuro™: suitable for plasterboard and masonry walls, EasyFit™: ideal for installation in plasterboard walls or other materials such as wood, metal and porcelain panels, with thicknesses between 4 and 40 mm. the 4x 3.5" (88 mm) woofers have an aluminum basket, a treated cellulose cone, a rubber surround and a 0.8" (20 mm) neodymium tweeter for balanced, linear 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 to RAL or NCS codes and even treated with galvanic effects.

## KEY FEATURES

**Compact In-Wall/In-Ceiling Design** – Slim profile ideal for flush integration in plasterboard, wood, or metal panels.

**High Power Handling** – Delivers up to 360W continuous power for dynamic and detailed sound.

**Versatile Installation** – Compatible with FlushMount™, FiloMuro™ and EasyFit™ installation systems.

**Robust Construction** – Made with zinc-plated and lacquered metal for long-lasting durability.

**Wide Dispersion** – 120° nominal coverage for immersive sound even in large or irregular rooms.

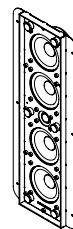
**Magnetic Grille** – Seamless aesthetics with customizable metal grille fixed by powerful neodymium magnets.

**4 Woofer Drivers** – Four 76 mm woofers for rich bass and high intelligibility of vocals.

**Tailored Sound** – Optional Garvan EQ presets and filters available for optimal tuning.

**Environmentally Resistant** – Designed to perform even in harsh indoor environments.

**Premium Finishes** – Choose from brushed stainless steel, painted metal, or fabric-covered grille options.



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
SINGLE LOUDSPEAKER PERFORMANCE		
AES Power Handling		180 W
Continuous Power Handling ***		360 W
Sensitivity 2,83V / 1m ****		91,5 dB
Sensitivity 1W/1m ****		91,5 dB
Calculated Maximum SPL @ 1m*		126 dB
TRANSDUCER		
Type		2 Way
Nominal size		4 x WF 76 mm + TW 19mm
Nominal Impedance		8Ω
Loudspeaker EQ		Not required, Garvan Preset EQ, Filter and protection available
Recommended High-Pass Filter Protection		65 Hz with 48 dB/Oct. High pass Filter
Frequency Response (-3 dB)		100 Hz – 20kHz
Frequency Range (-10 dB)		60 Hz - 20 kHz
Nominal Coverage Angle (1 KHz - 4 kHz)		120°
Nominal Coverage (1 KHz – 10 kHz)		80°
PHYSICAL		
Frame Material		zinc-plated metal
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. Accepts 18 AWG (0.8 mm <sup>2</sup> ) to 14 AWG (2.08 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>				
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				
<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				

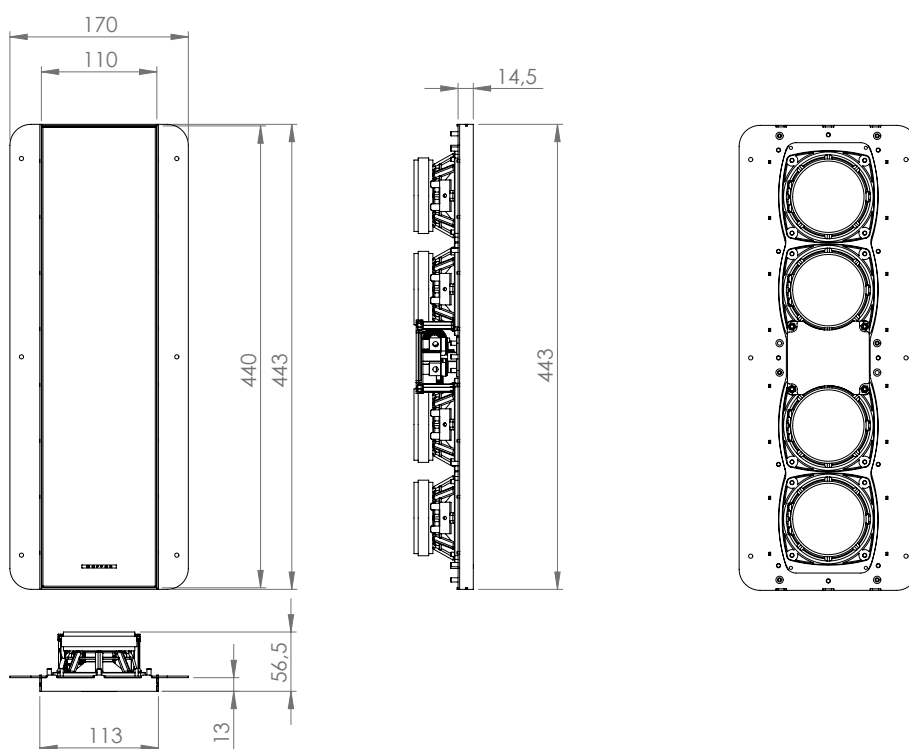
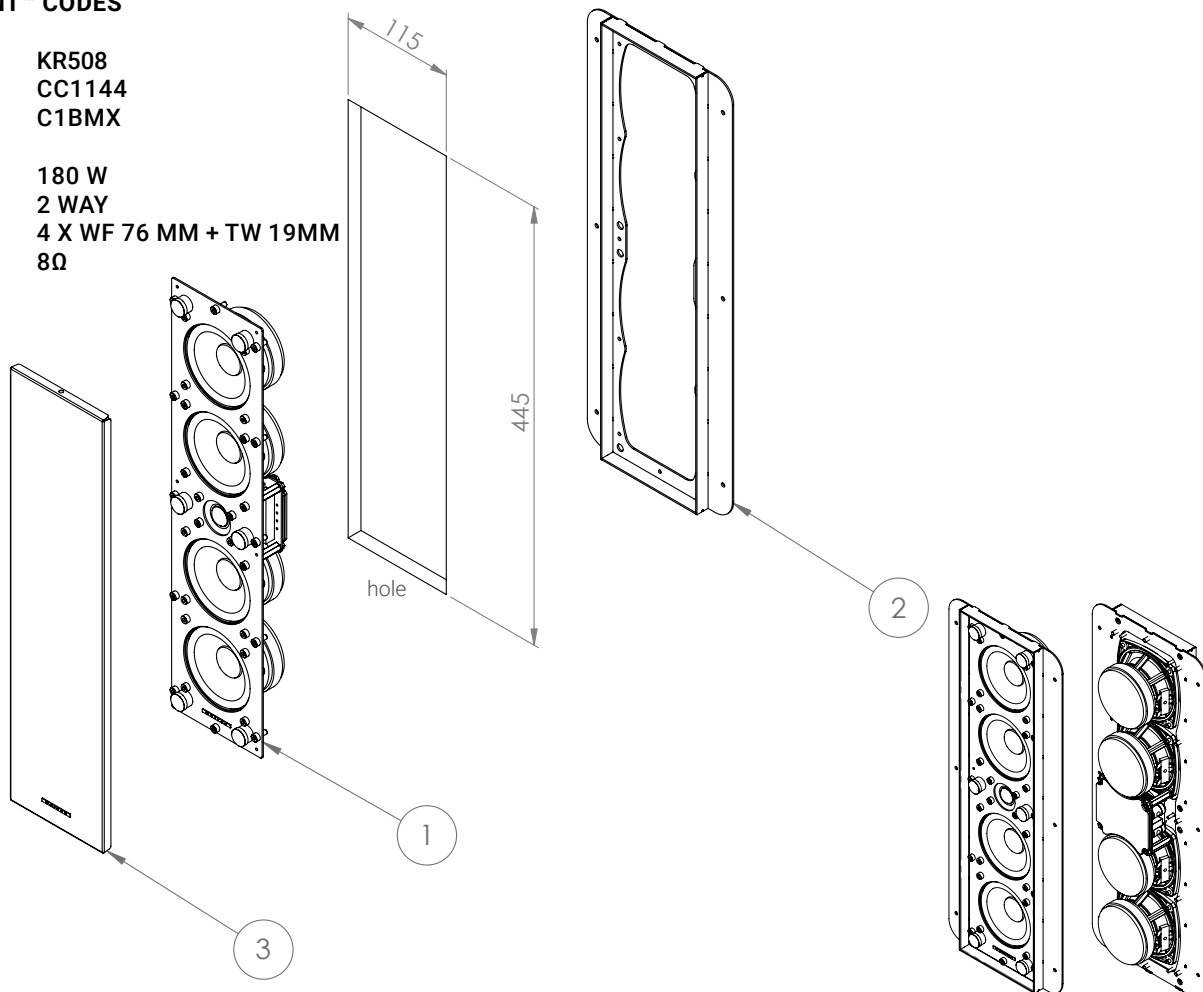
# KR508 / CC1144

## FLUSH-MOUNT™ PLASTERBOARD PRODUCT SHEET

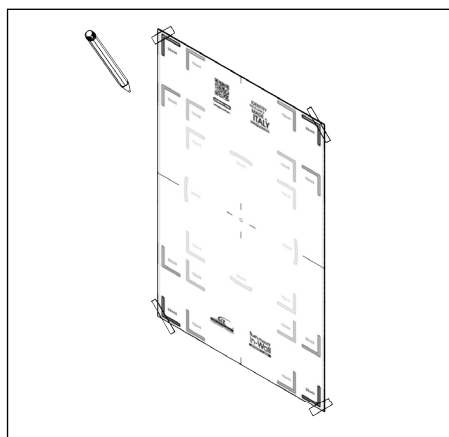
### FLUSH-MOUNT™ CODES

1 Loudspeaker **KR508**  
2 Frame **CC1144**  
3 Front cover **C1BMX**

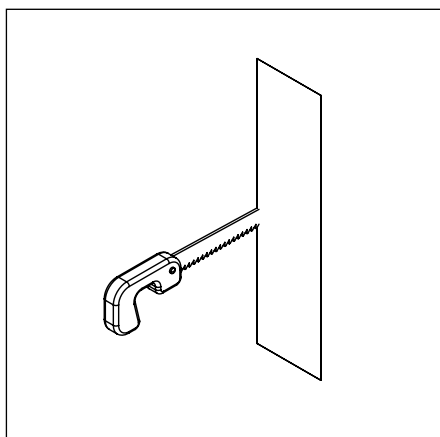
AES POWER **180 W**  
TYPE **2 WAY**  
NOM. SIZE **4 X WF 76 MM + TW 19MM**  
NOM. IMP. **8Ω**



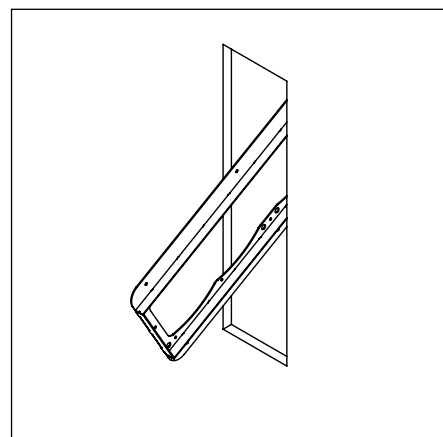
# INST. INSTRUCTIONS **KR508 / CC1144 Flush-Mount™** Plasterboard



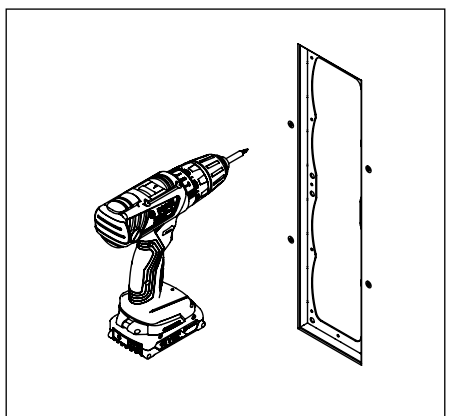
1 Jig set



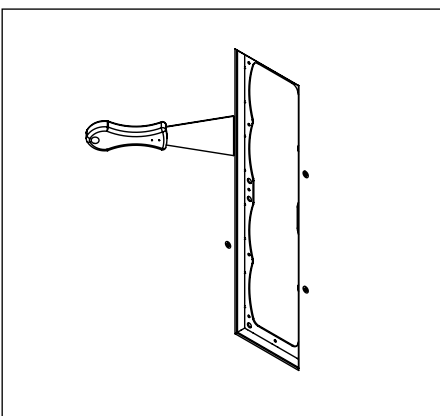
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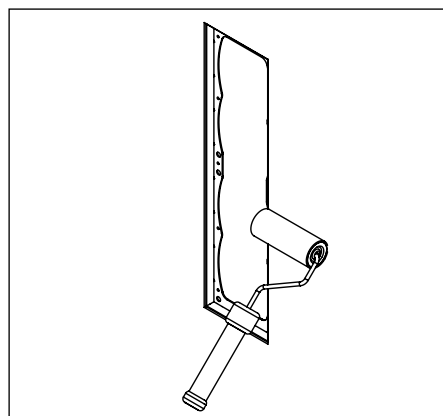
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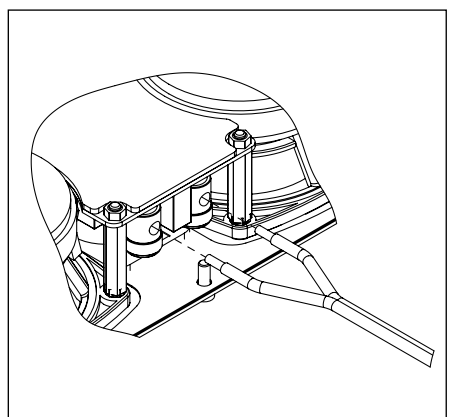
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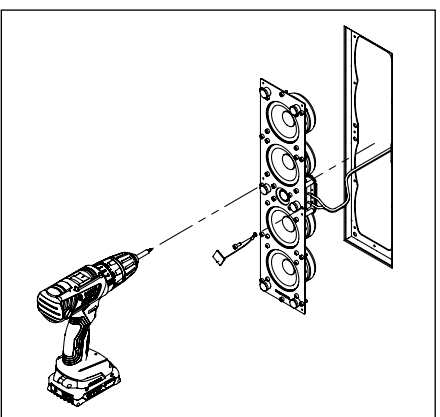
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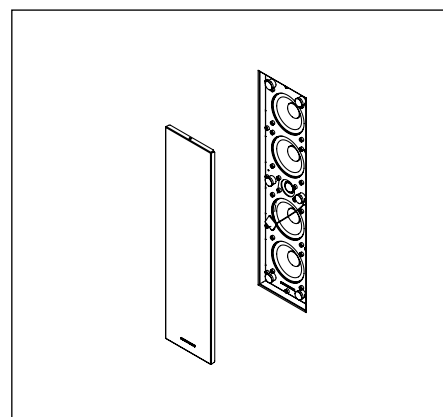
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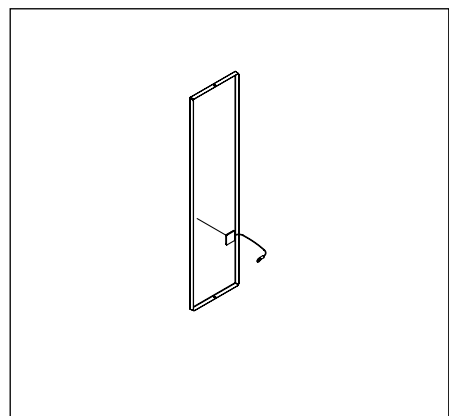
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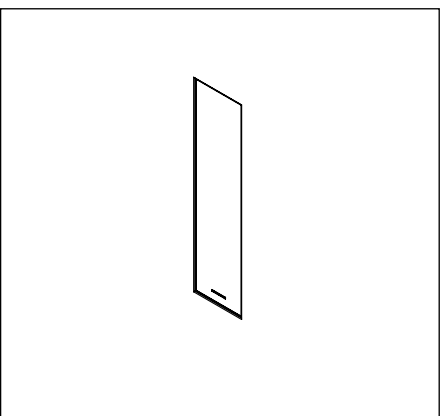
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11

