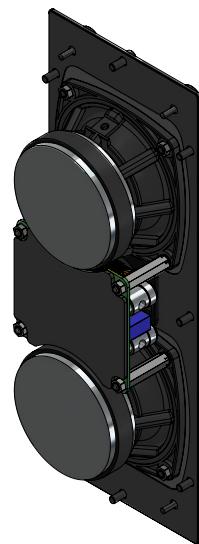
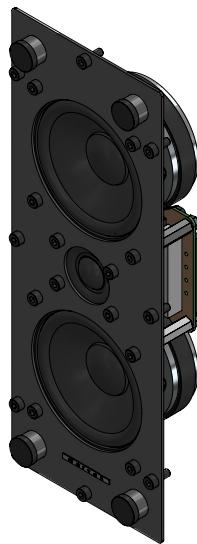




Plasterboard



**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, 180 W max, with steel mounting frame and speaker body, designed for optimal performance and durability, even in harsh environments. This product supports installation with integration solutions including FiloMuro™: suitable for plasterboard and masonry walls. The 2 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 2-Way Design: Dual 3.5" woofers and 0.8" neodymium tweeter for detailed and balanced sound.

High Power Handling: 90 W AES / 180 W max continuous for dynamic audio performance.

Slim In-Wall / In-Ceiling Mounting: Suitable for plasterboard, wood, metal, and porcelain panels (4–40 mm thickness).

Customizable Magnetic Grille: Available in brushed steel, lacquered finishes, RAL/NCS colors, or with galvanic treatments.

Durable Metal Construction: Frame and support in lacquered or galvanized steel for long-lasting reliability.

Wide Coverage Angle: 120° (1–4 kHz) for consistent sound

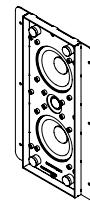
dispersion across the room.

Spring-Loaded Connectors: Secure wiring for AWG11 and smaller cables.

No EQ Required: Linear response with optional Garvan preset EQ and protection filters.

FiloMuro™ Compatible: Flexible integration with multiple architectural finishes.

3+1+1 Year Warranty: Extendable free warranty for peace of mind.



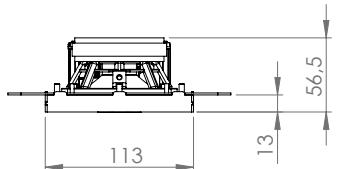
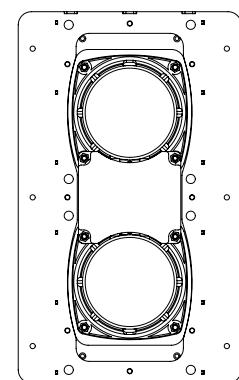
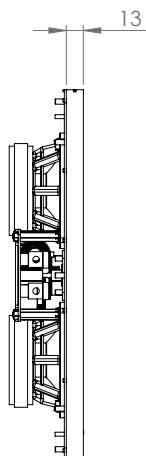
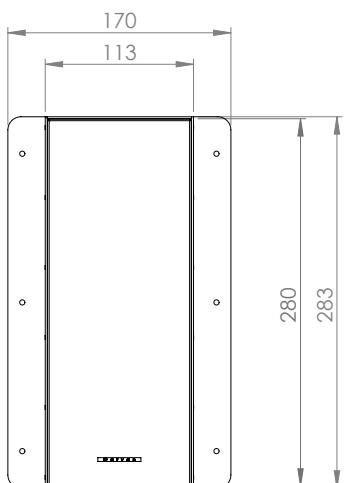
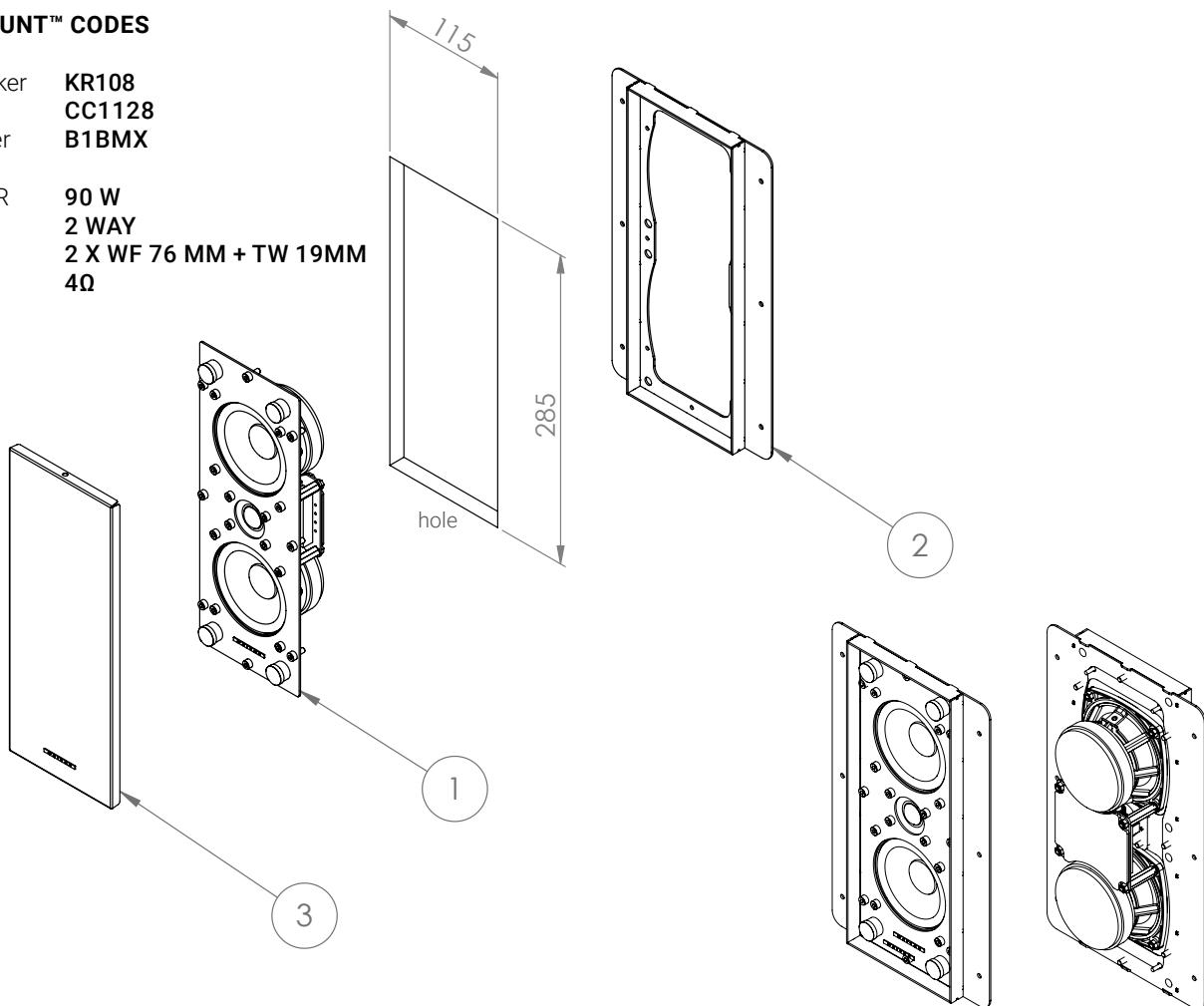
<b>INSTALLATION NAME</b>		<b>Flush-Mount™ Plasterboard</b>
<b>Installation Type</b>		In Wall / In Ceiling Speaker, free air
<b>Surface Compatibility</b>		Suitable for installation in Plasterboard, wooden panels, modular panel, and similar.
<b>Installation Requirements</b>		Required support thickness: 12,5-25mm
<b>SINGLE LOUDSPEAKER PERFORMANCE</b>		
<b>AES Power Handling</b>		90 W
<b>Continuous Power Handling ***</b>		180 W
<b>Sensitivity 2,83V / 1m ****</b>		91 dB
<b>Sensitivity 1W/1m ****</b>		88 dB
<b>Calculated Maximum SPL @ 1m*</b>		119,5 dB
<b>TRANSDUCER</b>		
<b>Type</b>		2 Way
<b>Nominal size</b>		2 x WF 76 mm + TW 19mm
<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>		65 Hz with 48 dB/Oct. Hight pass Filter
<b>Frequency Response (-3 dB)</b>		100 Hz - 20 kHz
<b>Frequency Range (-10 dB)</b>		60 Hz - 20 kHz
<b>Nominal Coverage Angle (1 KHz - 4 kHz)</b>		120°
<b>Nominal Coverage (1 KHz – 10 kHz)</b>		80°
<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 stainless steel Grille / Fabric covered frame.
<b>ENVIRONMENTAL FEATURES</b>		
<b>Environment of Use</b>		Indoor environments
<b>Operating Temperature Range *****</b>		
<b>environmental protection.</b>		
<b>Connectors</b>		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.
<b>Maximum Ceiling Thickness</b>		
<b>Product Dimensions</b>		
<b>Ceiling Cutout</b>		
<b>Net Weight, Frame</b>		

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			
Cable size/load	8 ohm 2 sq mm. 2,5 sq mm. 4 sq mm.	4 ohm 20m / 65ft. 30m / 100ft. 60m / 200ft.	2 ohm 5m / 16ft 7,5m / 25ft 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			

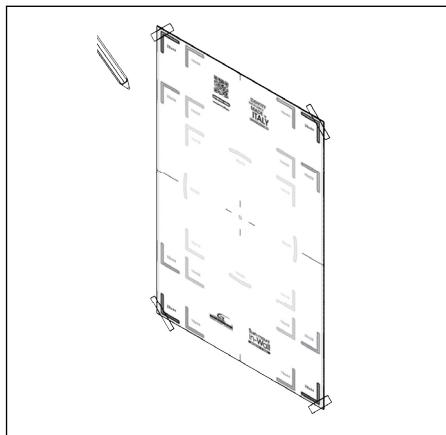
### FLUSH-MOUNT™ CODES

1 Loudspeaker **KR108**  
 2 Frame **CC1128**  
 3 Front cover **B1BMX**

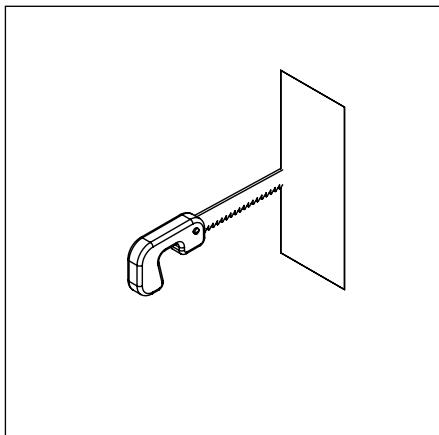
AES POWER **90 W**  
 TYPE **2 WAY**  
 NOM. SIZE **2 X WF 76 MM + TW 19MM**  
 NOM. IMP. **4Ω**



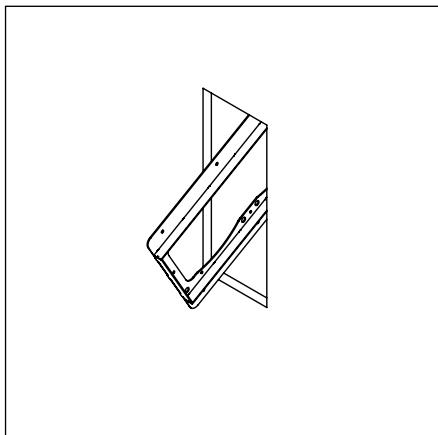
# INST. INSTRUCTIONS KR308 / CC1128 Flush-Mount™Plasterboard



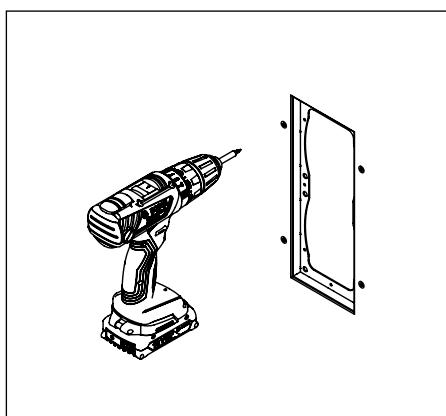
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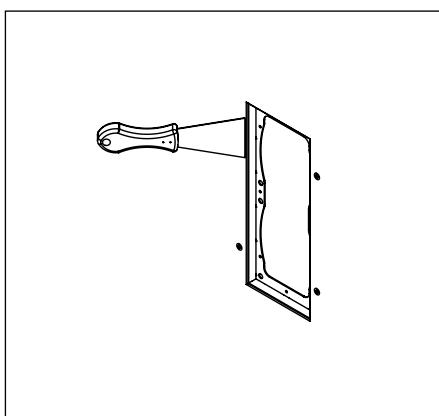
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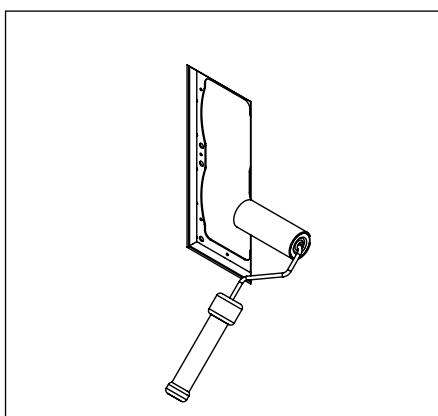
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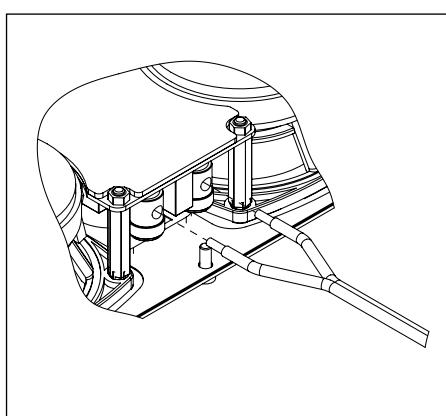
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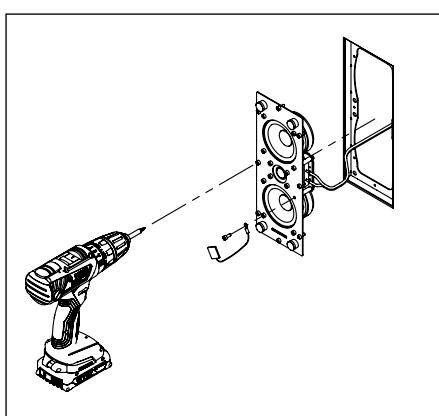
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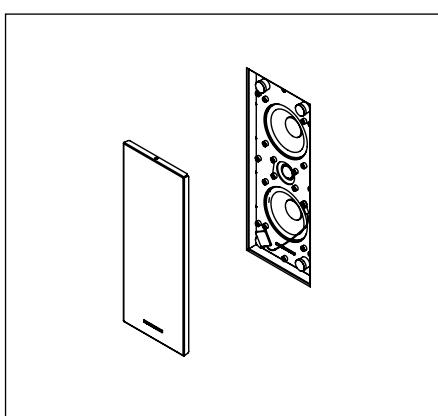
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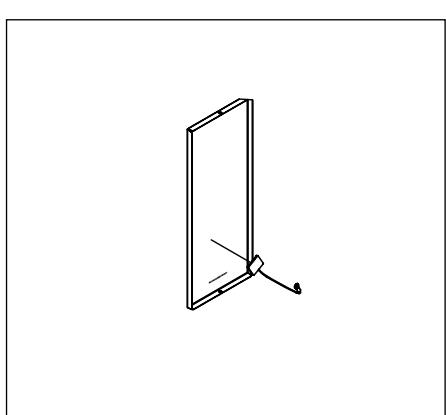
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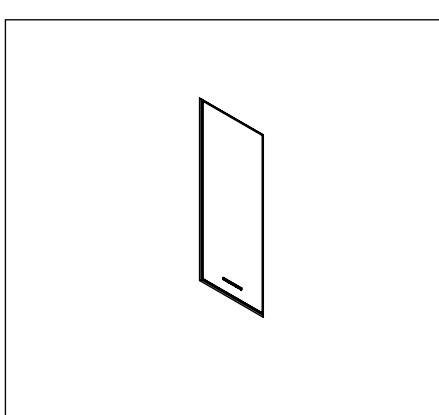
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