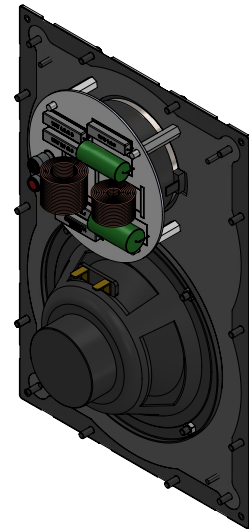




Concrete wall



**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

5,25" (130 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 and masonry walls. 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

**Compact 2-Way Design** – 5.25" woofer and 1" silk dome tweeter for full-range, balanced sound.

**In-Wall / In-Ceiling Mounting** – Ideal for plasterboard and masonry walls with FiloMuro™ recessed installation.

**Robust Construction** – Steel speaker body and mounting frame for high durability and vibration resistance.

**Customizable Aesthetic Covers** – Choose between painted, brushed steel, or fabric finishes, all magnetically attached.

**High Power Handling** – 80W AES / 160W continuous power for professional-grade audio performance.

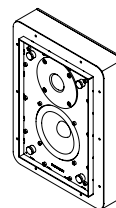
**Wide Frequency Response** – From 58 Hz to 20 kHz with excellent vocal clarity.

**Excellent Coverage** – >120° dispersion angle ensures uniform sound distribution.

**No DSP Required** – Optimized acoustic performance without need for external equalization.

**Indoor Ready** – Engineered for residential or commercial interior environments.

**Easy Installation** – Spring-loaded terminals (up to AWG11), optional kits for high-voltage lines and sound absorption.



| INSTALLATION NAME                       | Flush-Mount™<br>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                      | 80 W   |
| Continuous Power Handling ***           | 160 W  |
| Sensitivity 2,83V / 1m ****             | 88 dB  |
| Sensitivity 1W/1m ****                  | 88dB   |
| Calculated Maximum SPL @ 1m*            | 119 dB   |
| TRANSDUCER                              |  |
| Type                                    | 2 Way  |
| Nominal size                            | WF 130 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. High pass Filter   |
| Frequency Response (-3 dB)              | 80 Hz - 20 kHz **  |
| Frequency Range (-10 dB)                | 58 Hz - 20 kHz **  |
| Nominal Coverage Angle (1 KHz - 4 kHz)  | > 120°   |
| Nominal Coverage (1 KHz – 10 kHz)       | 120  |
| PHYSICAL                                |  |
| Frame Material                          | zinc-plated metal  |
| Speaker support Material                | Lacquered or galvanic metal support  |
| Cover                                   | Lacquered or galvanic metal Grille/<br>Brushed stainless steel Grille /<br>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 <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                             |              |             |             |   |
| 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 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        | 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

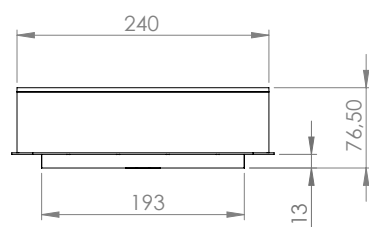
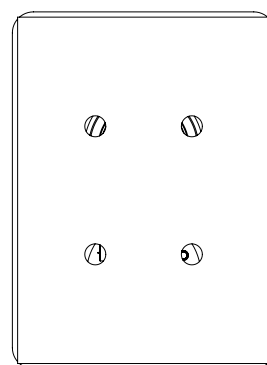
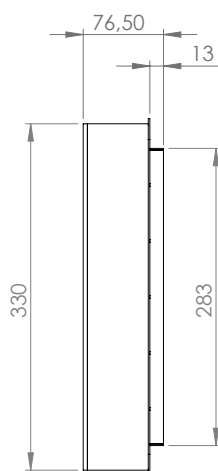
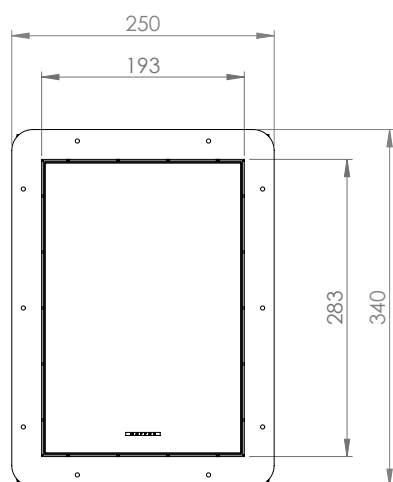
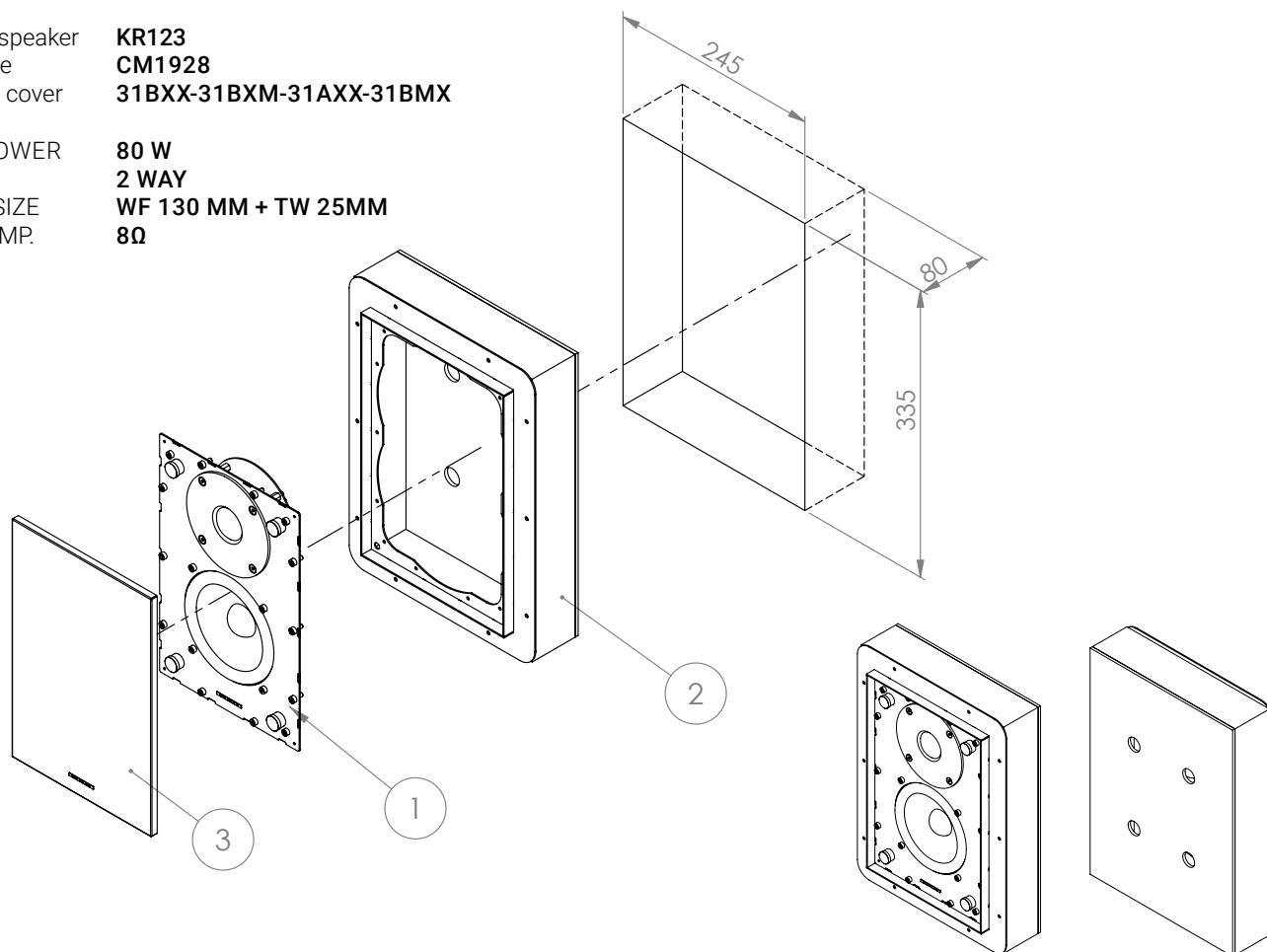
# KR213 / CM1928

## FLUSH-MOUNT™ CONCRETE WALL PRODUCT SHEET

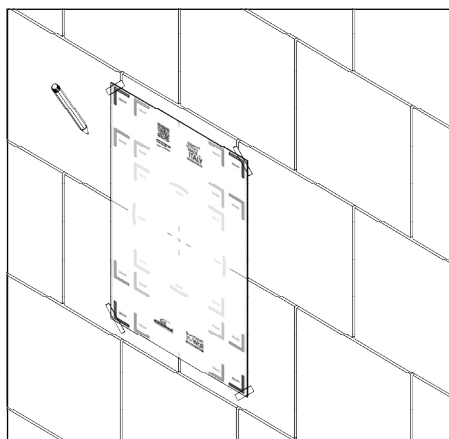
### FLUSH-MOUNT™ CODES

1 Loudspeaker **KR123**  
2 Frame **CM1928**  
3 Front cover **31BXX-31BXM-31AXX-31BMX**

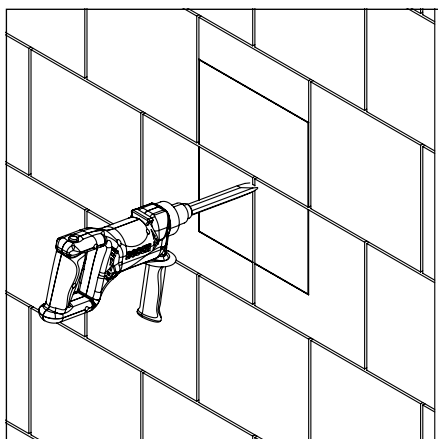
AES POWER **80 W**  
TYPE **2 WAY**  
NOM. SIZE **WF 130 MM + TW 25MM**  
NOM. IMP. **8Ω**



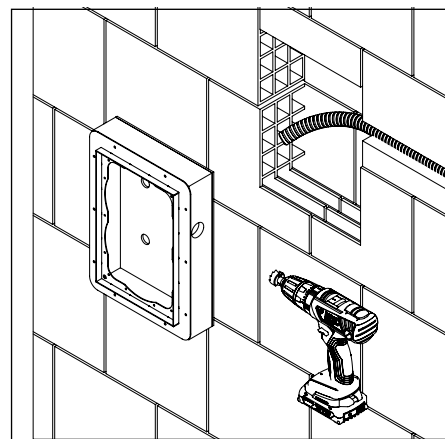
# INST. INSTRUCTIONS KR213 / CM1928 Flush-Mount™ Concrete wall



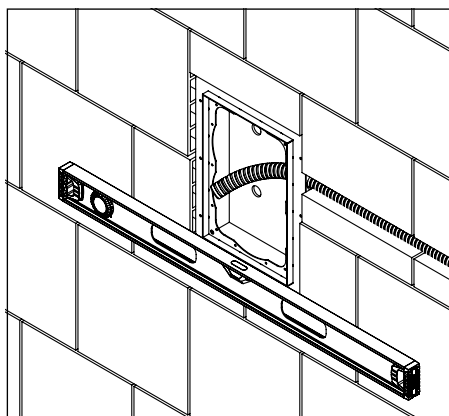
1 Jig set



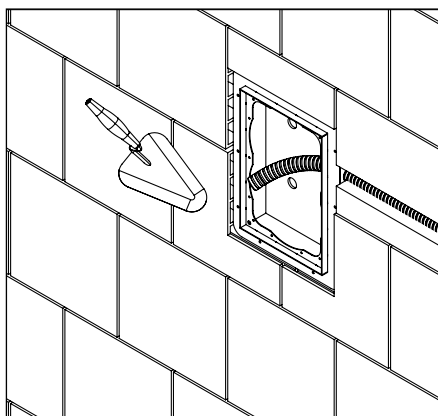
2



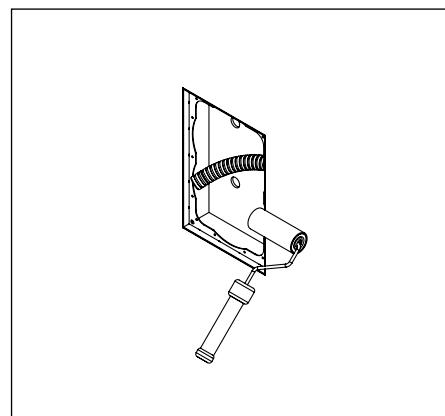
3



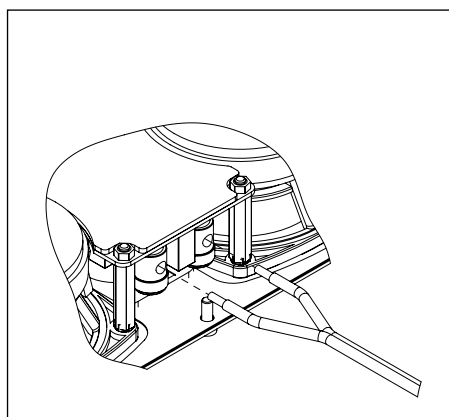
4



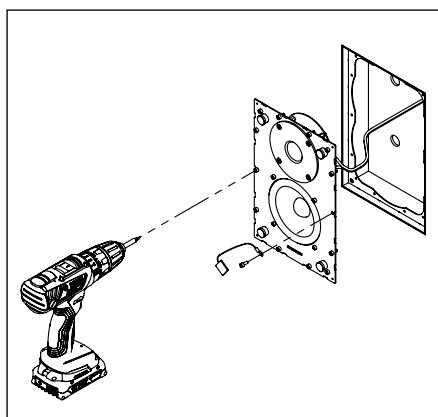
5



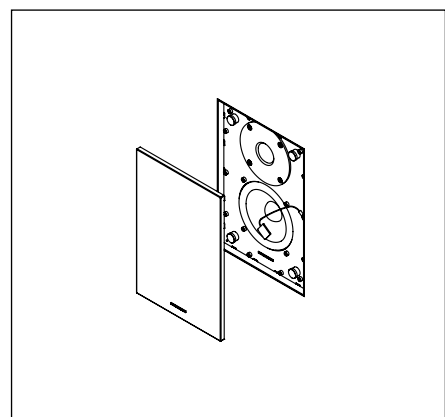
6



7



8



9

