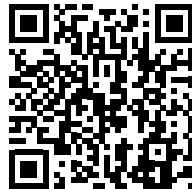
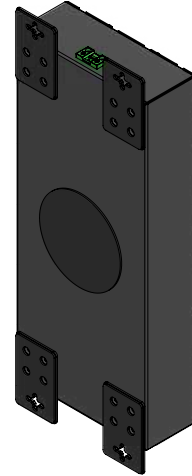
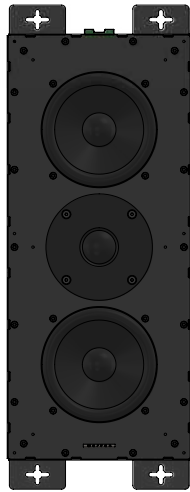




CINEMATELIER™ COLLECTION



**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

The Garvan KA313H is a high-performance 2-way loudspeaker from the CinemAtelier™ Collection, designed for on-wall and on-ceiling installation in premium audio and cinema environments. Equipped with dual 130 mm woofers and a 25 mm tweeter, it combines extended low-frequency response with detailed highs, ensuring a balanced, dynamic, and immersive listening experience. Its closed-box design and black lacquered metal cabinet guarantee durability, controlled resonance, and seamless integration into modern interiors. Perfect for home cinema, conference rooms, and multi-purpose spaces, the KA313H delivers both acoustic precision and architectural elegance.

## KEY FEATURES

2-way configuration: dual 130 mm woofers + 25 mm tweeter

Power handling: 160 W AES / 320 W continuous

High sensitivity: 93 dB (2.83V/1m) / 90 dB (1W/1m)

Maximum SPL: 124 dB @ 1 m

Frequency response: 65 Hz – 20 kHz (–3 dB) with preset EQ

Wide dispersion: >120° (1–4 kHz) for uniform coverage

Closed-box cabinet: resonance-controlled design for clarity and precision

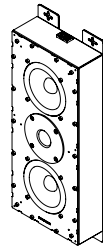
Construction: black lacquered metal cabinet with robust support

Installation versatility: suitable for concrete, plasterboard, wooden, and modular panel surfaces

Indoor use with Phoenix connectors supporting 18 AWG to 11 AWG cables

Weight: 3.66 kg – compact and easy to mount

Extended warranty: 3+1+1 years with free registration



<b>NAME INSTALLATION</b>	<b>CinemaAtelier</b>
Type Installation	On-Wall / On-Ceiling Speaker, closed box
Surface Compatibility	Suitable for installation in, concrete wall, Plasterboard, wooden panels, modular panel, and similar.
Installation Requirements:	Support thickness suitable for product weight
<b>SINGLE LOUDSPEAKER PERFORMANCE</b>	
AES Power Handling	160 W
Continuous Power Handling ***	320 W
Sensitivity 2,83V / 1m ****	93 dB
Sensitivity 1W/1m ****	90 dB
Calculated Maximum SPL @ 1m*	124 dB
<b>TRANSDUCER</b>	
Type	2 Way
Nominal size	2x WF 130 mm + TW 25mm
Nominal Impedance	4Ω
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)	65 Hz – 20 kHz **
Frequency Range (-10 dB)	57 Hz - 20 kHz **
Nominal Coverage Angle (1 KHz - 4 kHz)	> 120°
Nominal Coverage (1 KHz – 10 kHz)	120
<b>PHYSICAL</b>	
Frame Material	Black lacquered metal cabinet
Speaker support Material	Black laquared metal support
Cover	NC
<b>ENVIRONMENTAL FEATURES</b>	
Environment of Use	Indoor environments
Operating Temperature Range *****	
environmental protection.	
Connectors	Phoenix connector. 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			
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		
<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

#### 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.

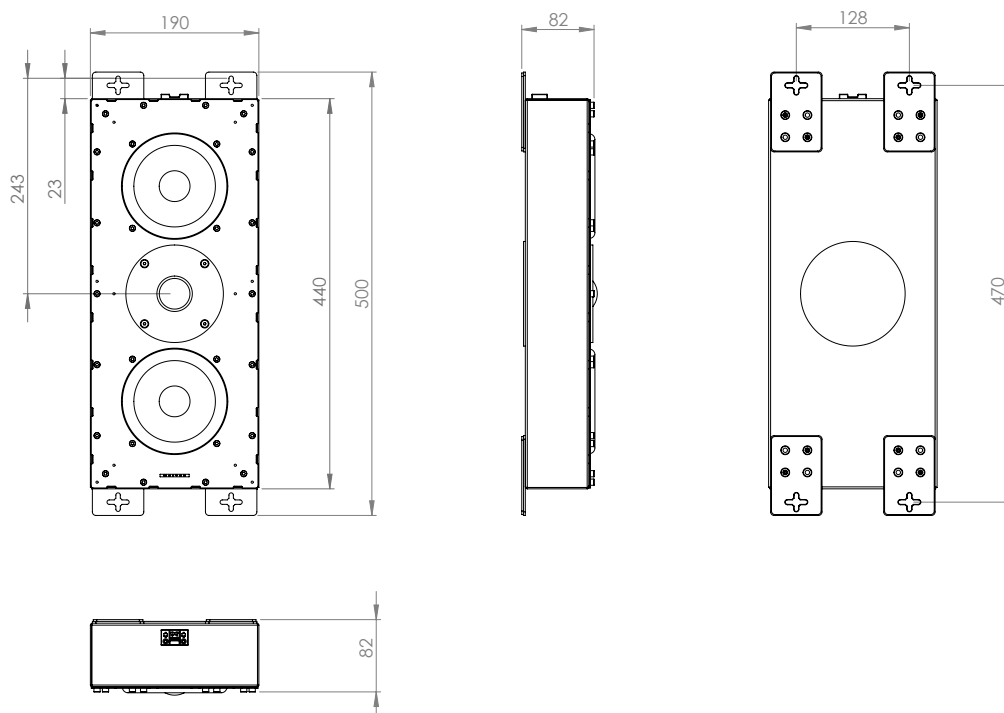
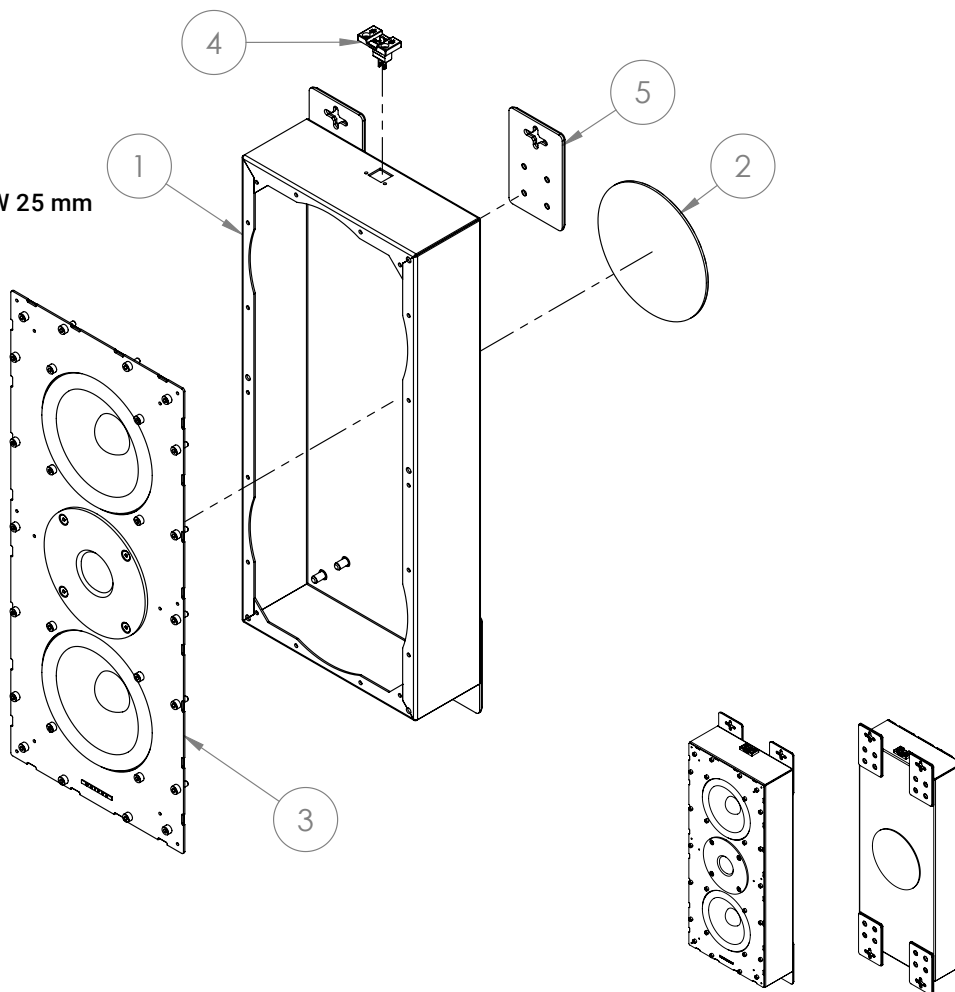
\*\*\*\* average SPL measured from 200 Hz to 1,5 kHz

\*\*\*\*\* With dedicated ignition and maintenance process

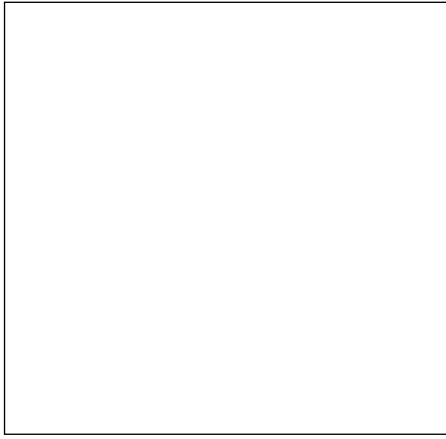
### CINEMA CODES

1 Loudspeaker **KA313H**

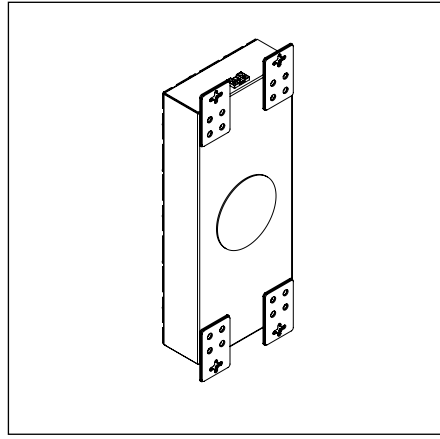
AES POWER **160 W**  
 TYPE **2 WAY**  
 NOM. SIZE **WF 130 mm + TW 25 mm**  
 NOM. IMP. **8Ω**



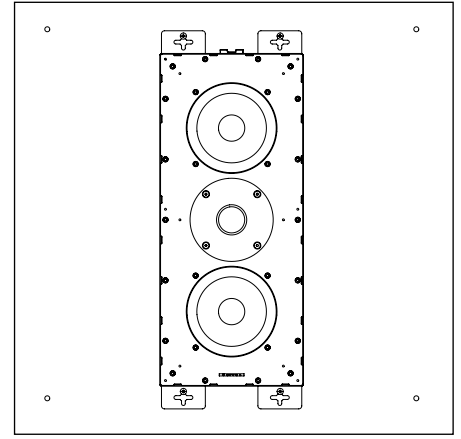
# INSTALLATION INSTRUCTIONS **KA313H Cinema**



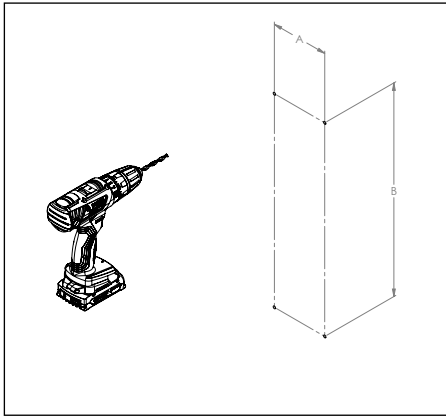
1 Jig set



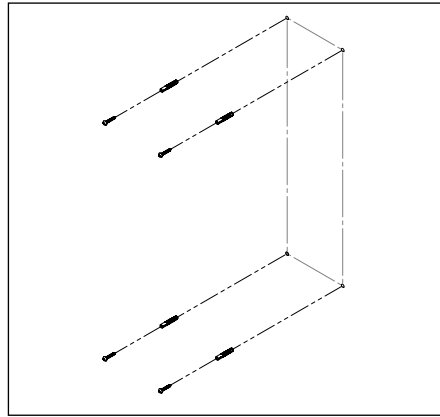
2



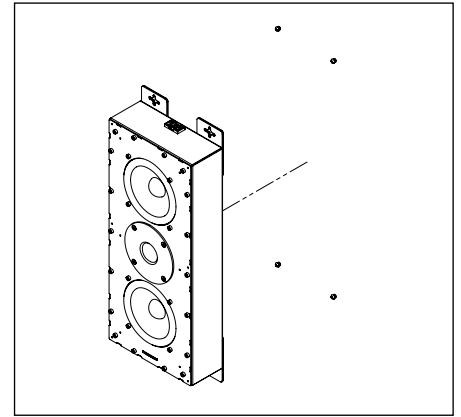
3



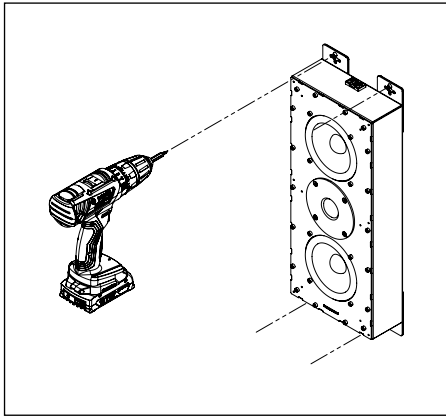
4



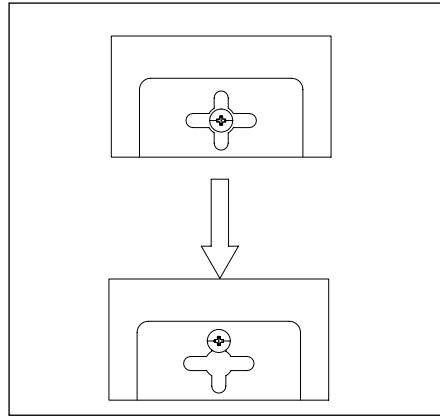
5



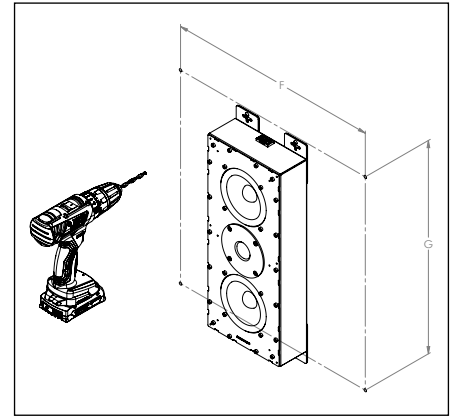
6



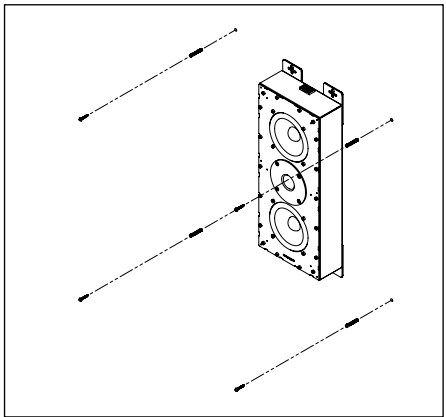
7



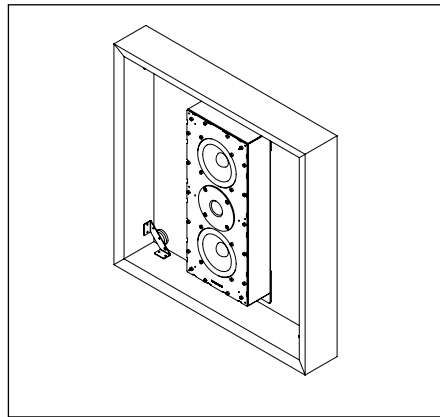
8



9



10



11