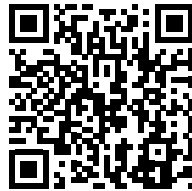
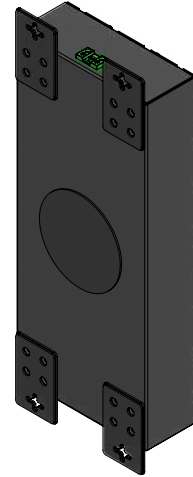
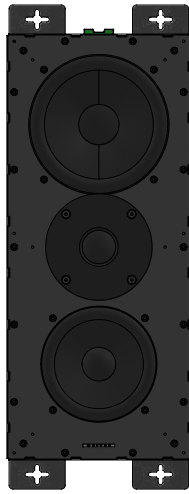




CINEMATELIER™ COLLECTION



**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 KA316H is a refined 2-way loudspeaker from the CinemAtelier™ Collection, designed for on-wall and on-ceiling installations where performance and aesthetics must work together seamlessly. Featuring a 130 mm woofer, a 25 mm tweeter, and a 160 mm passive radiator in a closed-box configuration, it delivers deep bass, accurate mids, and crystal-clear highs with wide coverage. The KA316H combines Made in Italy craftsmanship with durable black lacquered metal construction, ensuring both long-lasting reliability and architectural integration. Ideal for home cinema, conference rooms, and multi-purpose interiors, it provides immersive sound with elegant discretion.

KEY FEATURES

2-way closed-box loudspeaker with 130 mm woofer, 25 mm tweeter, and 160 mm passive radiator

Power handling: 80 W AES / 160 W continuous

Sensitivity: 87.5 dB (2.83V/1m and 1W/1m)

Maximum SPL: 118.5 dB @ 1 m

Frequency response: 60 Hz – 20 kHz (–3 dB) with preset EQ

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

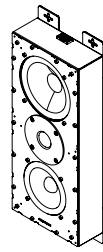
Cabinet construction: black lacquered metal with robust support structure

Installation versatility: suitable for concrete walls, plasterboard, wooden, and modular panels

Indoor application with Phoenix connector, supporting 18 AWG to 11 AWG cables

Lightweight design: 3.61 kg for easy mounting

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



NAME INSTALLATION	CinemaAtelier
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
SINGLE LOUDSPEAKER PERFORMANCE	
AES Power Handling	80 W
Continuous Power Handling ***	160 W
Sensitivity 2,83V / 1m ****	87,5 dB
Sensitivity 1W/1m ****	87,5 dB
Calculated Maximum SPL @ 1m*	118,5 dB
TRANSDUCER	
Type	2 Way
Nominal size	WF 130 mm + TW 25mm + RP 160mm
Nominal Impedance	8Ω
Loudspeaker EQ	Not required, Garvan Preset EQ, Filter and protection available
Recommended High-Pass Filter Protection	40 Hz with 48 dB/Oct. High pass Filter
Frequency Response (-3 dB)	60 Hz – 20 kHz **
Frequency Range (-10 dB)	48 Hz - 20 kHz **
Nominal Coverage Angle (1 KHz - 4 kHz)	> 120°
Nominal Coverage (1 KHz – 10 kHz)	120
PHYSICAL	
Frame Material	Black lacquered metal cabinet
Speaker support Material	Black laquared metal support
Cover	NC
ENVIRONMENTAL FEATURES	
Environment of Use	Indoor environments
Operating Temperature Range *****	
environmental protection.	
Connectors	Phoenix connector. Accepts 18 AWG (0.8 mm ²) to 11 AWG (4,17 mm ²) 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 high line voltage	TRT052 – 70/100V - 25/37/50W		
Transformer for high line voltage	TRT054 – 70/100V - 10/15/20W		
Cover installation kit	GAR136		
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

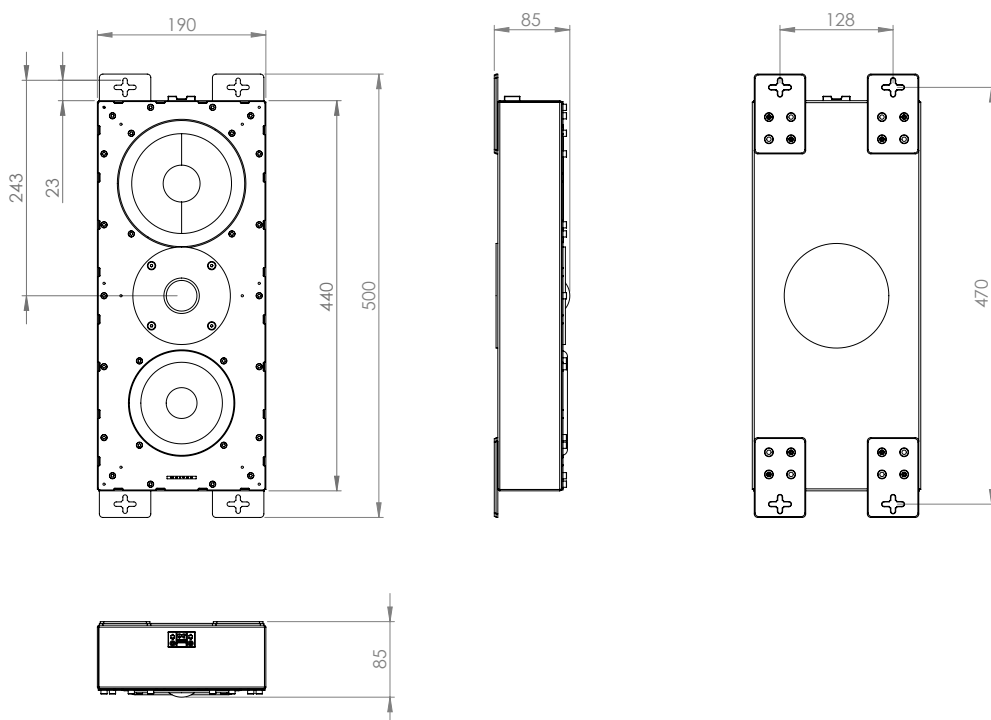
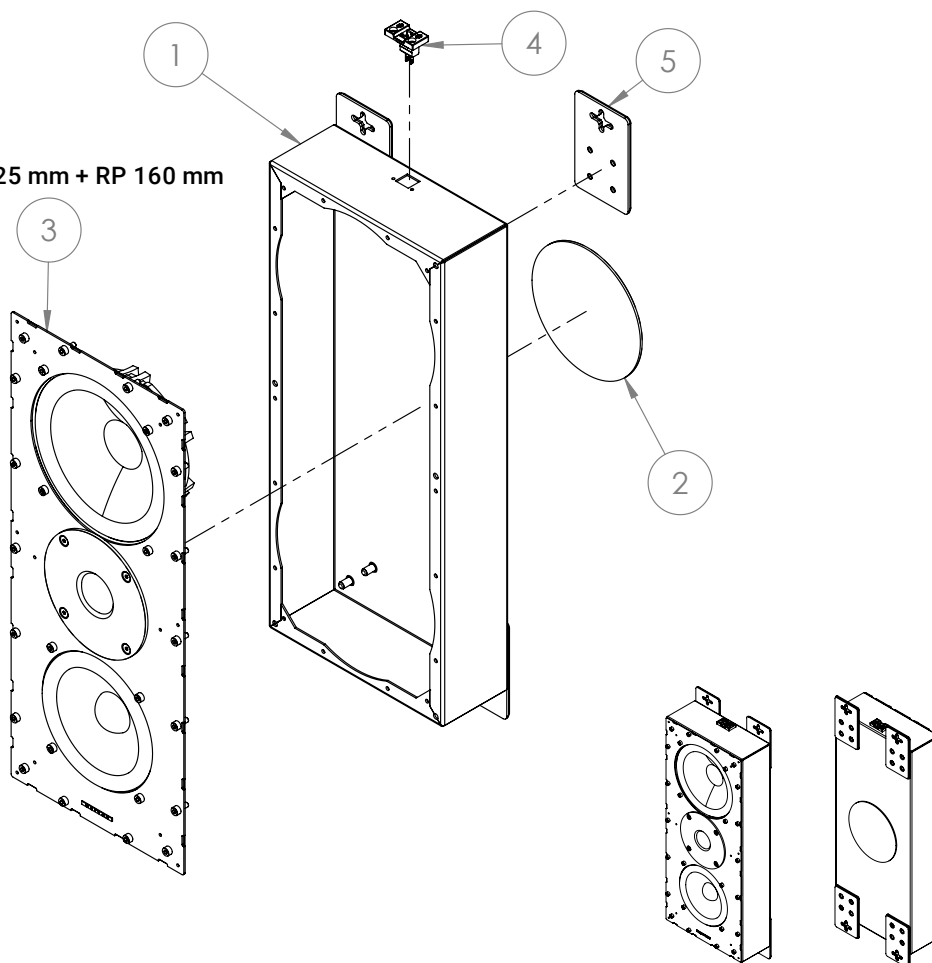
***** With dedicated ignition and maintenance process

CINEMA CODES

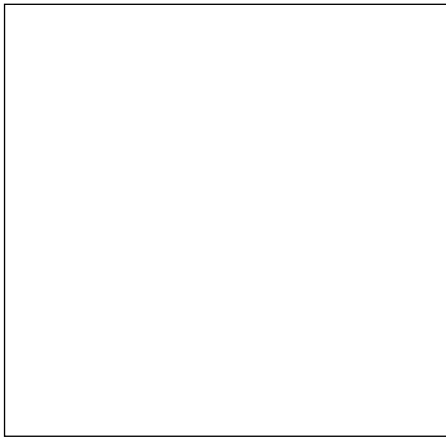
1 Loudspeaker **KA316H**

AES POWER **80 W**
TYPE **2 WAY**

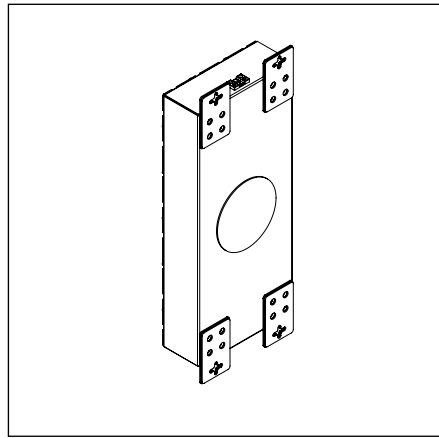
NOM. SIZE **WF 130 mm + TW 25 mm + RP 160 mm**
NOM. IMP. **8Ω**



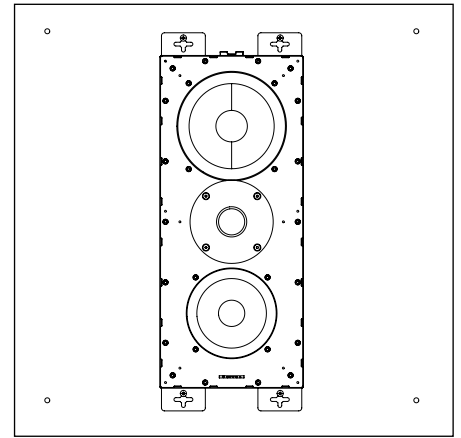
INSTALLATION INSTRUCTIONS **KA316H Cinema**



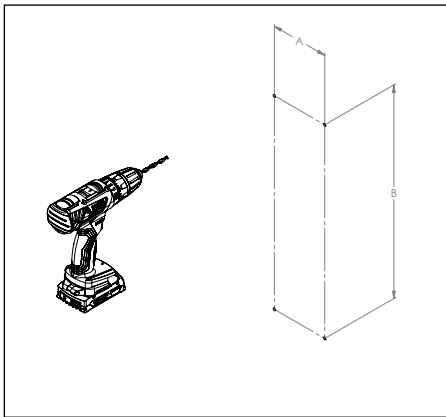
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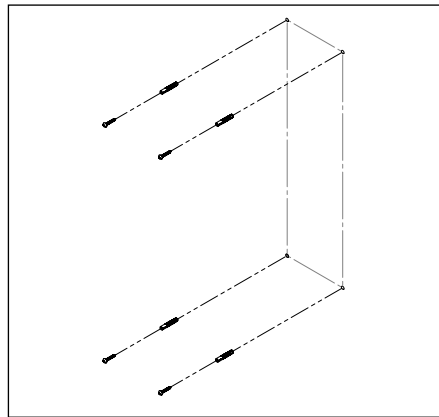
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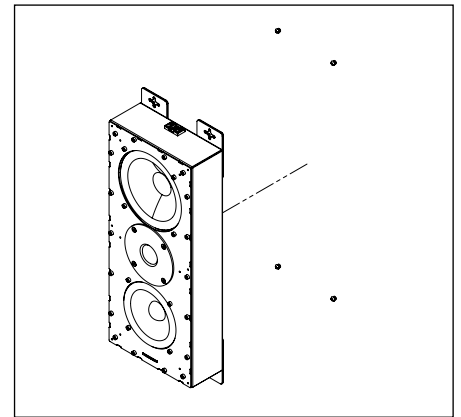
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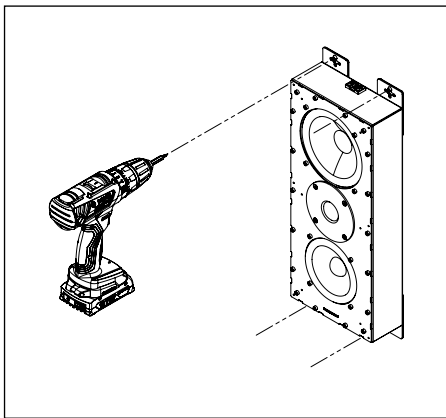
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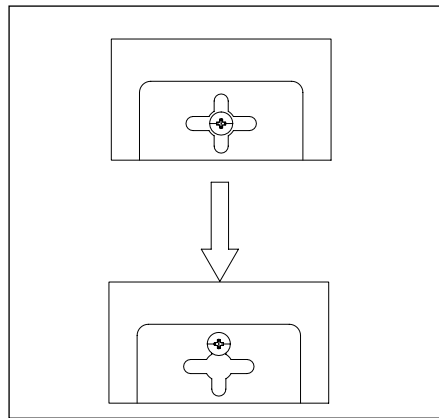
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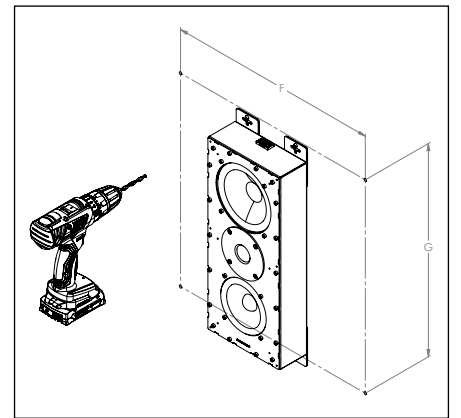
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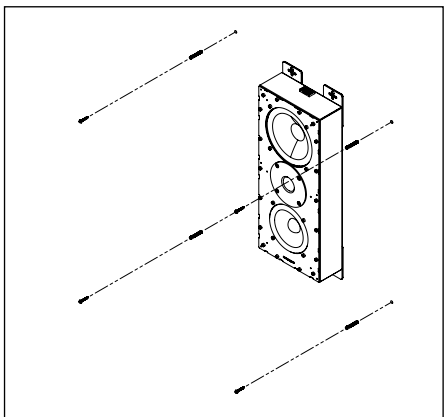
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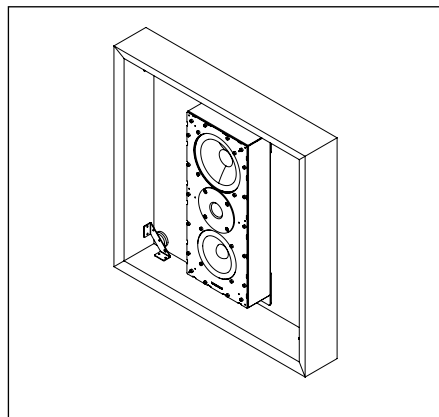
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