GH4 - GH4A

4" High Performance Full Range Speaker - Mini Array Element - Passive or Active
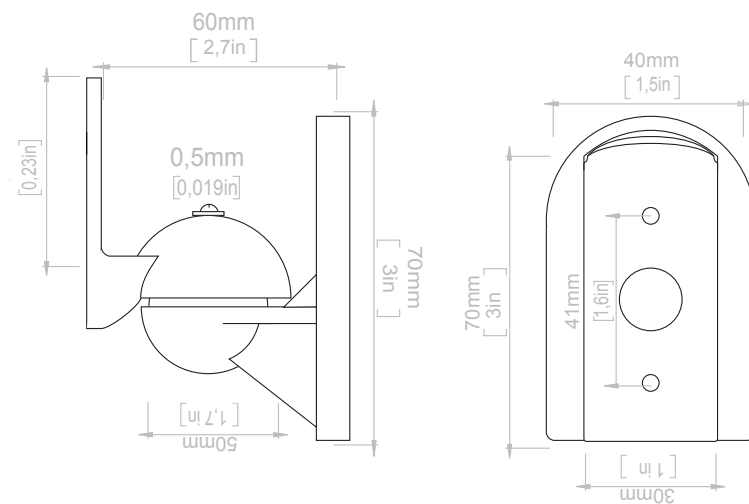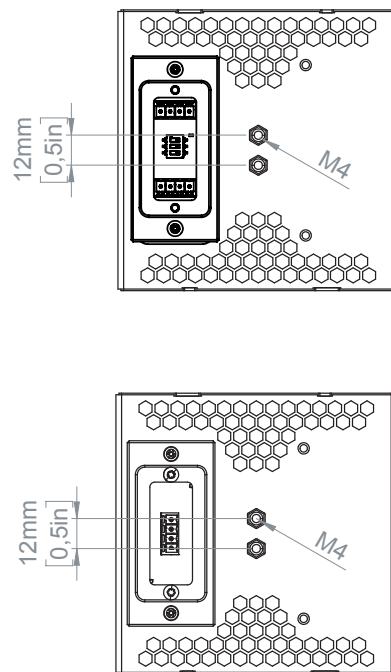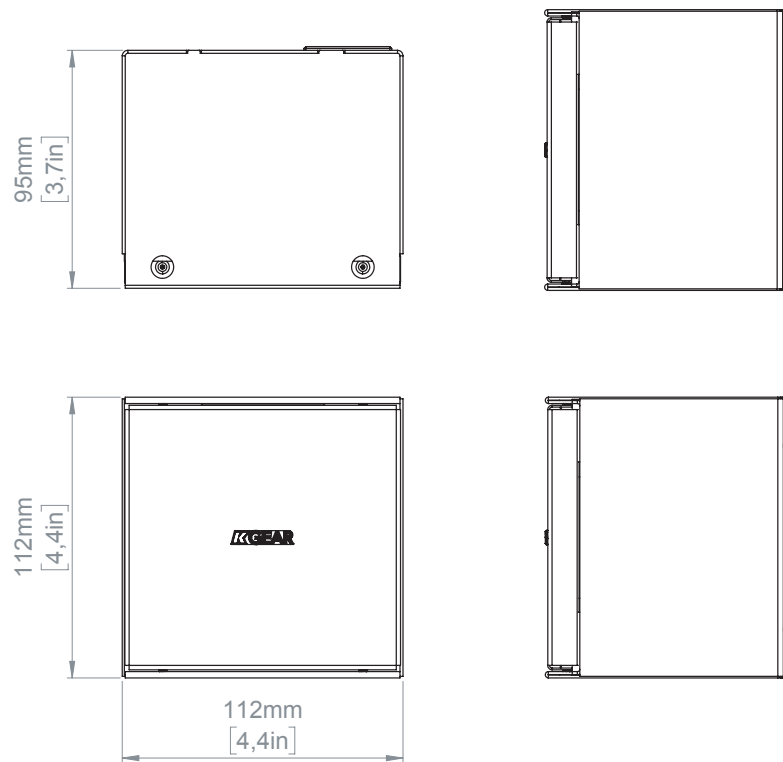

GH4 is a high performance ultra compact point source satellite that features a 4" full range driver with a dual coil neodymium magnet and variable impedance (4 Ω – 16 Ω).

Thanks to the unique cabinet design, GH4's dispersion pattern guarantees a much lower emission on the back side of the speaker, improving sound control and preventing loss of energy. A robust stainless steel enclosure design with IP64 rating guarantees durability even in the worst conditions, obtainable when using the non-included accessory G-IPCAP1, ensuring durability and reliability.

GH4A is the active version of GH4, with 2x Phoenix connectors (4-pin Euroblock) hosting and a balanced line input, a mute contact and an auto ON-OFF switch with selectable thresholds, plus a power output to connect another KGEAR speaker or a passive subwoofer from KGEAR families and drive them with its on board amplifier, with a minimum load of 4 Ω.

GH4 comes with the following accessories:
GF-WALL adjustable wall mount bracket.
More accessories can be purchased to array mounting and recessed installation (GH4-JOINT, GH4-FLY, GH4-RECESSED).

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Mechanical Drawings GH4 - GH4A

95mm
[3,7in]

112mm
[4,4in]

112mm
[4,4in]

12mm
[0,5in]

M4

12mm
[0,5in]

M4

60mm
[2,7in]

[0,23in]

0,5mm
[0,019in]

70mm
[3in]

50mm
[1,7in]

40mm
[1,5in]

70mm
[3in]

41mm
[1,6in]

30mm
[1in]

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Mounting Accessory - GF-WALL x GH4 (included)

GF-WALL is a wall-mounting bracket included in the package of GH4, perfect to use for easy and fast install of a single element. You can also choose to recess the speaker in-wall with the practical GH4-RECESSED flush mount box for this specific installation.

GF-WALL

GF-WALL x GH4

GH4-RECESSED

Mounting Accessories - GF-JOINT - GH-FLY for arraying configuration (recommended)

Using these accessories you can have a complete gear for array mounting GH4 in vertical, first joining multiple speakers together with GH4-JOINT, then setting different inclination and regulate the dispersion angle, thanks to GH-FLY adjustable bracket (this hardware supports up to 8 GH4 speakers in array configuration) You can choose GH4-WALL bracket to fix the array to walls. These accessories are not included in the package but are recommended for specific use.

G-IPCAP1 - (not included)

GH4 and GH4A can be protected against foreign agents, salt, chlorine and water using the G-IPCAP1. This is a dedicated IP sealing CAP made by highly resistant and tight rubber, thought to be mounted at the rear panel of the speaker to protect connectors

GH4-JOINT

GH4-FLY

GH4-WALL

GH4

Technical specifications

Type	
Passive loudspeaker	
Transducer	
4" neodymium magnet full range driver	
Frequency Response[1]	
150 Hz - 20 kHz (-6dB)	
Max SPL[2]	
122 dB Peak	
Power Handling	
140 W	
Coverage	
V.90 I H.90°	
Connectors	
1x Phoenix connector (4-pin Euroblock)	
Nominal Impedance	
4Ω - 16Ω selectable	
IP Rating	
IP64	

Handling & Finishes

Dimensions (WxLxH)	
60 x 590 x 72 mm (2.36 x 23.22 x 2.83 in)	
Weight	
1,6 kg (2.87 lb)	
Material	
Stainless Steel	
Color	
Black	

1 With dedicated preset
2 Maximum SPL is calculated using a signal with crest factor 4 (12 dB) measured at 8 m then scaled at 1 m

GH4A

Technical specifications

Type	
Active loudspeaker	
Transducer	
4" neodymium magnet full-range driver	
Frequency Response[1]	
150 Hz - 20 kHz (-6dB)	
Max SPL[2]	
116 dB (peak)	
Coverage	
V.90 I H.90°	
Connectors	
2x Phoenix connector (4-pin euroblock)	
Balanced line in	
Mute Contact	
Power out	
24V DC IN (power supply not included)	
Controllers	
Auto ON/OFF with selectable threshold	
Amp Module	
1-channel Class D amplifier	
Output Power	
100W @ 2Ω (24V power)	
Power Consumption	
30W Power Load 1/8 Max Power	
Protections	
Thermal Protections	
(Power-Limiting - Thermal Shutdown)	
Short - circuit/overload output protections	
Operating Range	
12-24 V DC	
IP Rating	
IP64	

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60 x 590 x 72 mm (2.36 x 23.22 x 2.83 in)	
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