GF42I - GF42TI

Passive 4x2" Line Array Column Speaker - Ppassive with transformer

GF42AI

Active 4x2" Line Array Column Speaker

•20240123•

GF42I, GF42TI, GF42AI are the smallest and minimalist line array elements of the GF Family. With a new stainless steel grille and new L-bracket system included, the speakers are now upgraded in a MKI version that makes the series more suitable for outdoor installations.

Comprised of 4x2" ferrite magnet woofers closely-spaced into a recycled ABS enclosure, all this columns benefit from K-array™ PAT (Pure Array Technology) to combine all the advantages of a pure line array such as long throw and dispersion control into an ultra-compact box design.

These columns speakers are the perfect solution for speech reproduction: thanks to a great directivity and a narrow vertical dispersion, they ensure high definition and a great intelligibility, as well as music reproduction when coupled with a KGEAR subwoofer.

GF42I is a 100W line array element with selectable impedance: low Z - 16 Ω / high Z- 64 Ω.

GF42TI has the feature of an internal transformer and it is compatible with high voltage lines at 70V or 100V with different power taps: 4/8/16/32 W @ 100V or 2/4/8/16 W @ 70V.

GF42AI is an active speaker with a built-in amplifier module comprised of a balanced line input, a mute contact and an auto ON-OFF switch with selectable thresholds, plus a speaker output to connect another KGEAR speaker or passive subwoofer from KGEAR GS family.

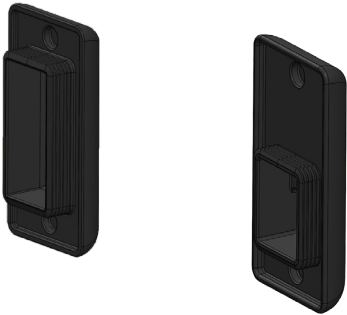GF42I, GF42TI, GF42AI come in black and white (GF42WI, GF42AWI, GF42TWI)

Wall mount L-brackets
(included in the package)

GF42I- GF42AI - GF42TI comes with 2x practicals on-wall mounting brackets, to provide different angles for fixed installations.
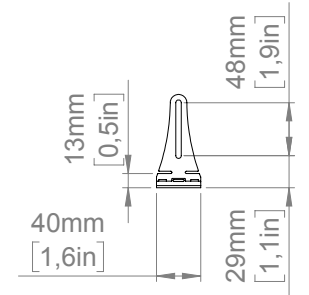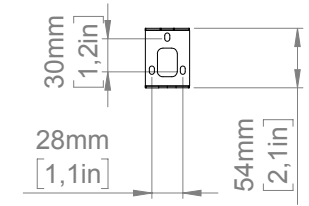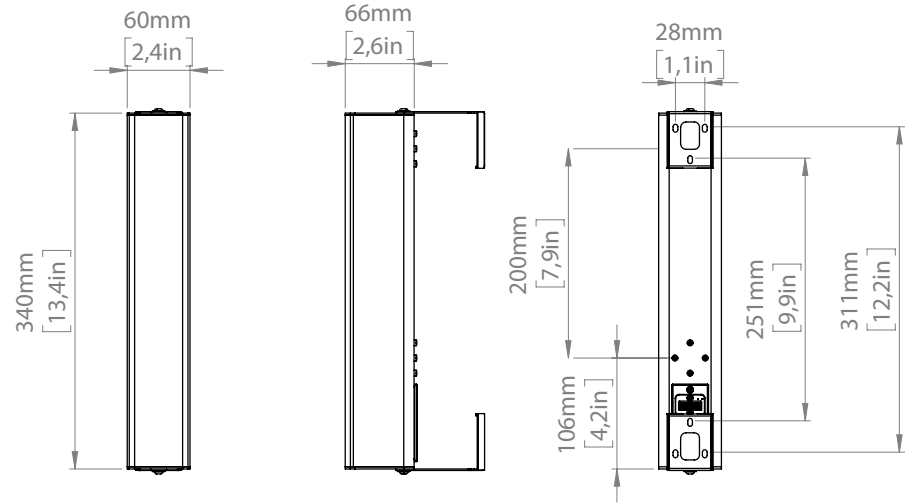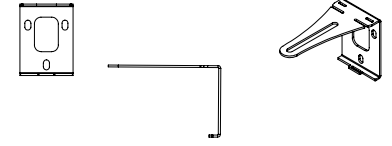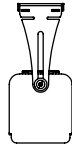
G-IPCAP1 - G-IPCAP2
(not included)

G-IPCAP1 and G-IPCAP2 are two IP sealing protection cap to be applied at the rear panel of the speaker to protect the connectors from water, salt and chlorine.

Mechanical Drawings

60mm
[2,4in]

66mm
[2,6in]

28mm
[1,1in]

340mm
[13,4in]

200mm
[7,9in]

251mm
[9,9in]

311mm
[12,2in]

106mm
[4,2in]

30mm
[1,2in]

28mm
[1,1in]

54mm
[2,1in]

48mm
[1,9in]

13mm
[0,5in]

40mm
[1,6in]

29mm
[1,1in]

GF42I

35mm
[1,4in]

[2,9in]

64mm
[2,5in]

GF42TI

35mm
[1,4in]

[2,9in]

64mm
[2,5in]

GF42AI

35mm
[1,4in]

[2,9in]

64mm
[2,5in]

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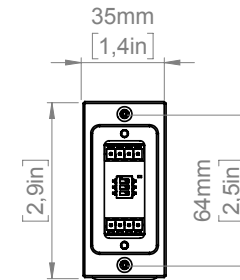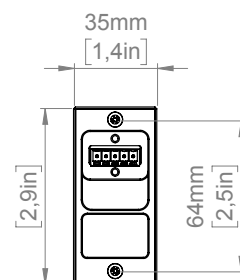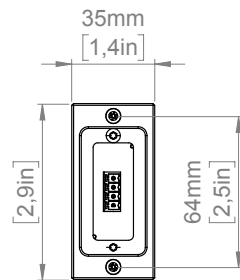
GF42I

Technical specifications

Type	Passive loudspeaker
Transducer	4 x 2" ferrite magnet woofer
Frequency Response[1]	160 Hz - 20 kHz (-6dB)
Max SPL[2]	111 dB (peak)
Power Handling	100 W
Coverage	V.25 I H.90°
Connectors	1x Phoenix connector (4-pin Euroblock)
Nominal Impedance	8Ω - 32Ω
IP Rating	IP55

Handling & Finishes

Dimensions (WxLxH)[4]	60 x 340 x 66 mm (2,36 x 13,4 x 2,6 in)
Weight	0.8 kg (1.76 lb)
Material	ABS
Color	Black - White (GF42W)

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
3 With dedicated G-IPCAP1

GF42AI

Technical specifications

Type	Active loudspeaker
Transducer	4x2" neodymium magnet full-range driver
Frequency Response[1]	160 Hz - 20 kHz (-6dB)
Max SPL[2]	105 dB
Coverage	V.25 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 @ 2 Ω (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[3]	IP55

Handling & Finishes

Dimensions (WxLxH)[4]	60 x 340 x 66 mm (2,36 x 13,4 x 2,6 in)
Weight	0.8 kg (1.76 lb)
Material	Stainless Steel
Color	Black - White (GF42AW)

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
3 With dedicated G-IPCAP1 accessory
4 Brackets not included in measures - fore more details see the mechanical drawings.

GF42TI

Technical specifications

Type	Passive loudspeaker with Transformer
Transducer	4 x 2" ferrite magnet woofer
Frequency Response[1]	160 Hz - 20 kHz (-6dB)
Max SPL[2]	102 dB
Rated Power	100 W
Transformer Taps	2/4/8/16W 100V - 1/2/4/8W @ 70V
Coverage	V.25 I H.90°
Connectors	1x Phoenix connector (5-pin Euroblock)

Handling & Finishes

Dimensions (WxLxH)	60 x 340 x 66 mm (2,36 x 13,4 x 2,6 in)
Weight	1.3 kg (2.87 lb)
Material	ABS
Color	Black - White (G42TW)

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

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