

GF82I - GF82AI - GF82TI

8x2" Line array column speaker - Passive - Active - Passive with built-in transformer



GF82I, GF82TI, GF82AI are the medium-size line array elements the GF family, featuring Pure Array Technology by K-array™. With a new compact column format and resistant frame thanks to the new feature of a stainless steel grille, the GF82I is a complete upgraded series more suitable for outdoor applications.

GF82I consists of 8x2" ferrite magnet woofers closely-spaced into a recycled ABS enclosure, thought to be installed permanently both indoors and outdoors thanks to an IP56 rating (*G-IPCAP1 or G-IPCAP2 accessory required). With a wide frequency response from 160 Hz up to 20kHz and a coverage of 25° V. and 90° H. GF82 is the perfect solution for speech and music reproduction, with definition and intelligibility, especially for its directivity and its narrow dispersion angle.

The 16Ω / 64Ω selectable impedance makes connections easier and maximize performance. To expand the frequency range to bass and sub frequencies, the GF82I can be driven by a KGEAR GA amplifier and paired with KGEAR matched subwoofers.

GF82TI adds to the features of GF82 an internal transformer able compatible with high voltage lines at 70V or 100V and has different power taps: 4/8/16/32 W @ 100V or 2/4/8/16 W @ 70 V. This selector makes it easy to connect a large number of speakers in parallel with high power and efficiency, setting different output levels, adapting to every kind of application.

GF82AI is the active version of GF82, with 2x Phoenix connectors (4-pin Euroblock) with balanced line input, a mute contact and an auto ON-OFF switch, plus a power output to connect another KGEAR speaker or passive subwoofer from KGEAR series to be driven by the on-board amplifier.

GF82I, GF82TI, GF82AI come with 2x new L-bracket system (upgrade!) 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.

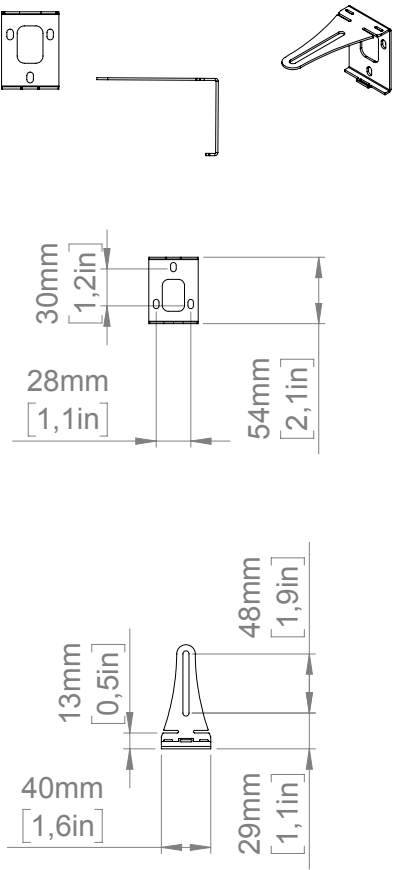
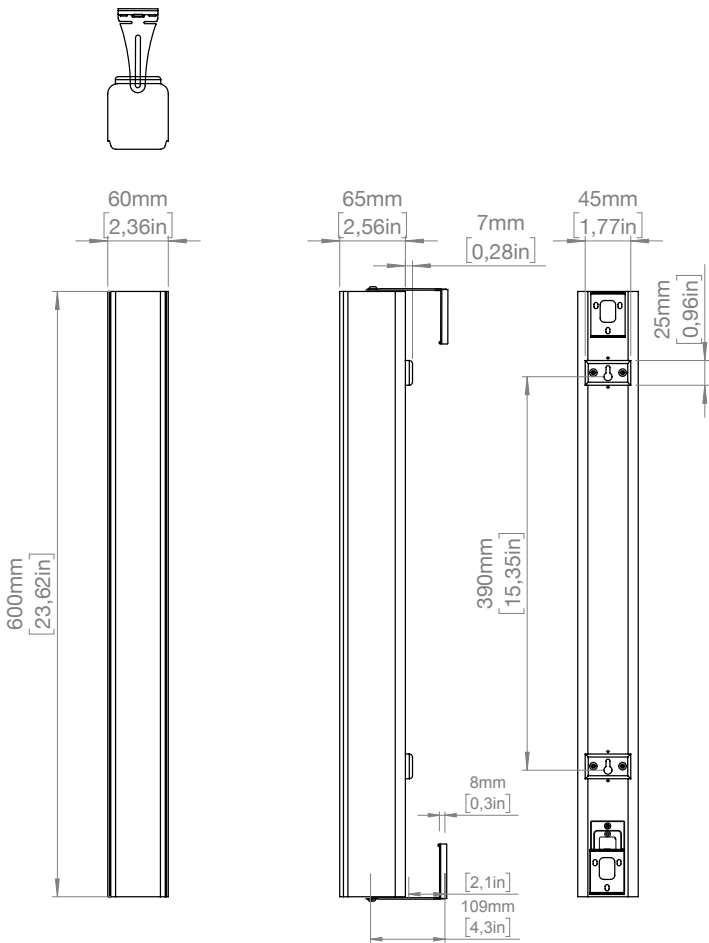


Wall mount L-brackets (included in the package)

New L-bracket system to provide different angles for fixed installations.



Mechanical Drawings



GF82

Technical specifications
Type Passive line array loudspeaker
Transducer 8 x 2" ferrite magnet woofer
Frequency Response ¹ 150 Hz - 20 kHz (-6dB)
Max SPL ² 119 dB Peak
Power Handling 200 W
Coverage V.15° I H.90°
Connectors 1x Phoenix connector (4-pin euroblock)
Nominal Impedance 16Ω - 64Ω
IP Rating ³ IP54
Handling & Finishes
Dimensions (WxLxH) ⁴ 60x600x65 mm (2.36x23.62x2.56 in)
Weight 1,6 kg (3.5 lb)
Material ABS
Color Black - White (GF82W)

- 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 IP55 With dedicated G-IPCAP1 accessory
4 Brackets not included in measures - for more details see the mechanical drawings.

GF82A

Technical specifications
Type Active line array loudspeaker
Transducer 8 x 2" ferrite magnet woofer
Frequency Response ¹ 105 Hz - 20 kHz (-6dB)
Max SPL ² 105 dB
Coverage V.15° 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 IP54
Handling & Finishes
Dimensions (WxLxH) ⁴ 60x600x65 mm (2.36x23.62x2.56 in)
Weight 1,6 kg (3.35 lb)
Material ABS
Color Black - White (GF82AW)

- 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 IP55 With dedicated G-IPCAP2 accessory
4 Brackets not included in measures - for more details see the mechanical drawings.

GF82T

Technical specifications
Type Passive line array loudspeaker with transformer
Transducer 8 x 2" ferrite magnet woofer
Frequency Response ¹ 150 Hz - 20 kHz (-6dB)
Max SPL ² 119 dB Peak
Rated Power 200 W
Transformer Taps 2/4/8/16 W @ 70 V 4/8/16/32 @ 100 V
Coverage V.15° I H.90°
Connectors 1x Phoenix connector (4-pin euroblock)
IP Rating ³ IP54
Handling & Finishes
Dimensions (WxLxH) ⁴ 60x600x65 mm (2.36x23.62x2.56 in)
Weight 2,2 kg (4.85lb)
Material ABS
Color Black - White (GF82TW)

- 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 IP55 With dedicated G-IPCAP1
4 Brackets not included in measures - for more details see the mechanical drawings.