

## GF162 - GF162T

16x2" Line array column speaker - Passive - Passive with built-in transformer



GF162 and GF162T are the largest line array passive elements of the GF family. GF162 comes in a slim column format and resistant frame.

Here, the classic line array characteristics and PAT (Pure Array Technology) by K-array™ are compressed in a practical unit. GF162 consists of 16x2" 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 very wide frequency response from 135 Hz up to 20kHz and a coverage of 7° V. and 90° H. GF162 is the perfect solution for speech and music reproduction: its strong directivity and its narrow dispersion angle ensure great intelligibility even at long distances.

With a 8Ω / 32Ω selectable impedance, it's easy to connect in parallel with other GF162 elements or other speakers from the GF family to make a longer array, or distribute more speakers throughout the entire space. To expand the frequency response in the low end, it is possible to combine the speaker with a GS or GU passive subwoofers.

Choosing the dedicated amplifier from KGEAR™ GA family or K-array™ KA, make it possible to drive the system with high power and efficiency.

GF162T comes with an internal transformer to match different values of power, compatible with high voltage lines at 70V or 100V: 8/16/32/64 @ 100 V or 4/8/16/32 @ 70 V.

This selector makes it easy to connect a large number of speakers in parallel with high power and efficiency and setting different output levels, adapting to every kind of space and use.

GF162 are the perfect speakers to install in clubs, bars and lounges, house of worship and other applications where they make it easy to have a great performance with controlled sound distribution in a very discreet and highly adaptable format.

GF162 and GF162T comes with 2x practicals L-brackets (standard dimension - 77mm - 3,03 in) and 1x longer L-bracket (155mm - 6,1 in) with dedicated screws included, to provide different angles of in-wall mounting for fixed installations.

# G-IPCAP1 - G-IPCAP2

(not included)

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



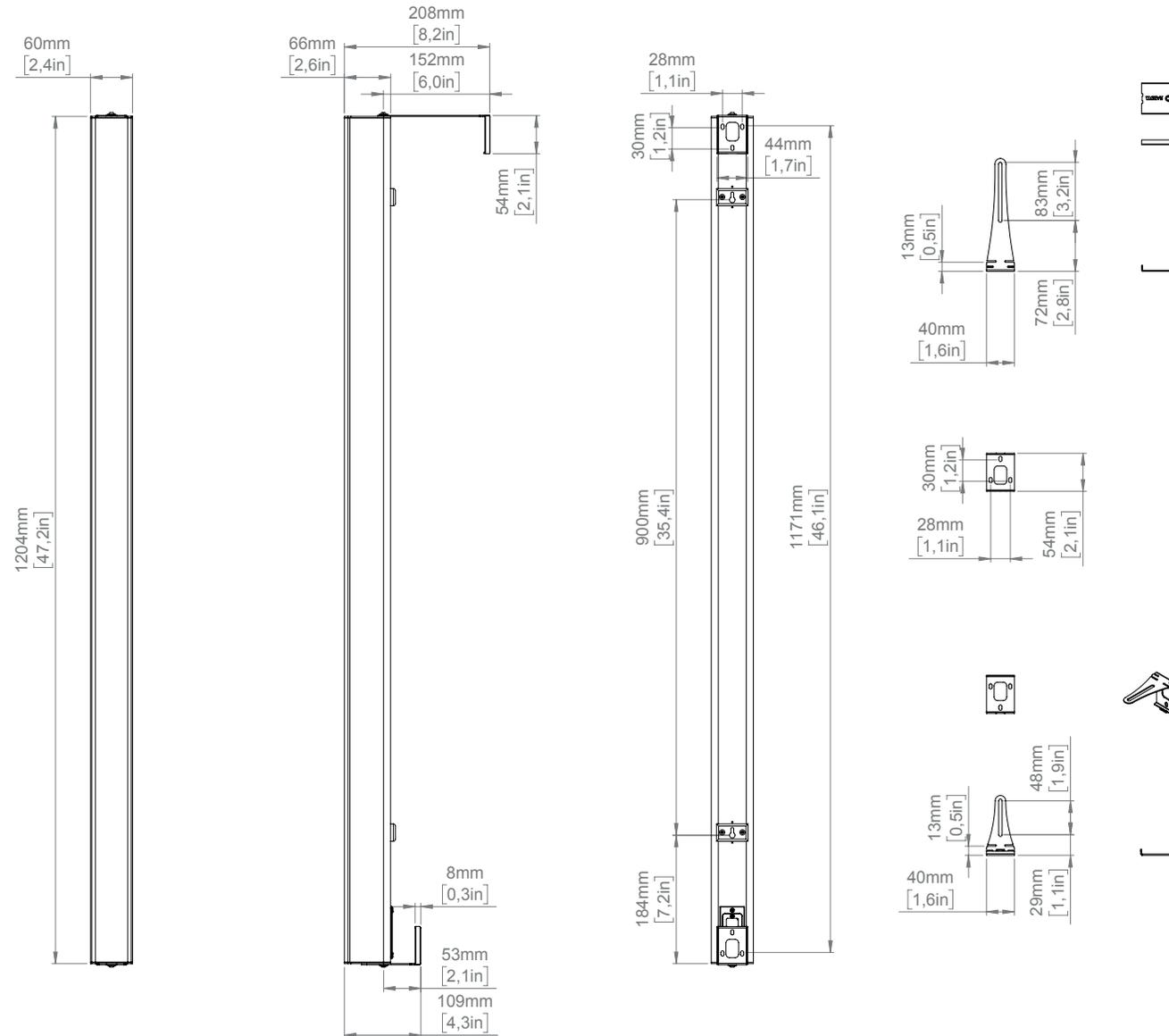
# Wall mount L-bracket

(included in the box)

GF162 and GF162T comes with 2x practicals L-brackets (standard dimension - 77mm - 3,03 in) and 1x longer L-bracket (155mm - 6,1 in) with dedicated screws included, to provide different angles of in-wall mounting for fixed installations.



# Mechanical Drawings



## GF162

Technical specifications
Type Passive loudspeaker
Transducer 16 x 2" ferrite magnet woofer
Frequency Response <sup>1</sup> 135 Hz - 20 kHz (-6dB)
Max SPL <sup>2</sup> 123 dB (peak)
Power Handling 400 W
Coverage V.7   H.90°
Connectors 1x Phoenix connector (4-pin euroblock)
Nominal Impedance 8Ω - 32Ω
IP Rating IP54 <sup>3</sup>
Handling & Finishes
Dimensions (WxLxH) <sup>4</sup> 60 x 1200 x 66 mm (2,36 x 47,24 x 2,56 in)
Weight 3,2 kg (7.05 lb)
Material ABS
Color Black - White (GF162W)

<sup>1</sup> With dedicated preset

<sup>2</sup> Maximum SPL is calculated using a signal with crest factor 4 (12 dB) measured at 8 m then scaled at 1 m

<sup>3</sup> IP55 - With dedicated G-IPCAP1 accessory.

<sup>4</sup> Brackets not included in measures - for more details see the mechanical drawings.

## GF162T

Technical specifications
Type Passive loudspeaker
Transducer 16 x 2" ferrite magnet woofer
Frequency Response <sup>1</sup> 135 Hz - 20 kHz (-6dB)
Max SPL <sup>2</sup> 115 dB (peak)
Rated Power 90 W
Transformer Taps 8/16/32/64 W 100V - 4/8/16/32 @ 70V
Coverage V.7   H.90°
Connectors 1x Phoenix connector (5-pin Euroblock)
IP Rating IP54 <sup>3</sup>
Handling & Finishes
Dimensions (WxLxH) <sup>4</sup> 60 x 1200 x 66 mm (2,36 x 47,24 x 2,56 in)
Weight 4,2 kg (9.25 lb)
Material ABS
Color Black - White (GF162TW)

<sup>1</sup> With dedicated preset

<sup>2</sup> Maximum SPL is calculated using a signal with crest factor 4 (12 dB) measured at 8 m then scaled at 1 m

<sup>3</sup> IP55 - With dedicated G-IPCAP1 accessory.

<sup>4</sup> Brackets not included in measures - for more details see the mechanical drawings.