

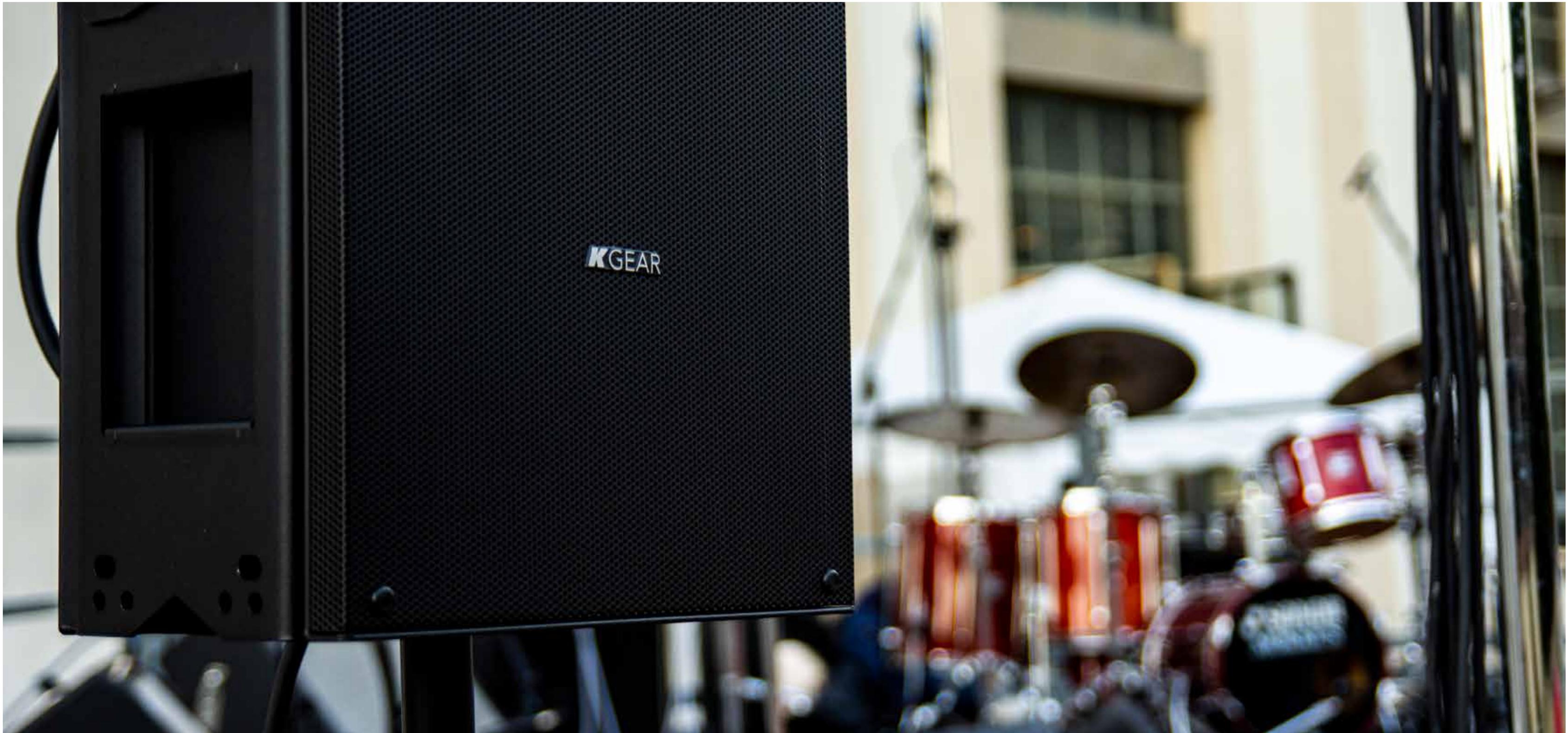
Product Collection

General Catalog - January 2023

General Catalog

Following in the footsteps of K-array's 30 years of Pro Audio research, a new brand is born in a bid to meet a wider range of users. Introducing KGEAR a new line of *smart* pro-audio products, designed and primarily made in Italy, that benefit from the uncompromising technology of K-array.

KGEAR presents audio speakers and electronics for small-to-large installations where audio solutions of all sizes are required. Staying true to its live vocation, the KGEAR line comprises also a wide range of solutions for all those applications, such as live entertainment and events, where audio has a central role, assuring everybody with an affordable market position.



GP

GPX - GPXA

2x18" Subwoofer + 4x12" Slim Array System

GPX is our top of the line high performance system and comprises a 2x18" powered subwoofer combined with GH412, our 4x12" passive coaxial slim array with K-array™ SAT® (Slim Array Technology) and a stainless steel cabinet.

With a built-in 4x1500W RMS Powersoft™ amplifier and DSP, an active GPXA system can drive a passive GPX system to create a stereo set and can be controlled via Ethernet with ArmoniaPlus™ control software.

Thanks to its extreme performance and the compact format of the array, this system works in a stack configuration, with the array on top of the subwoofer. It is also possible to fly GH412 with our GH-FLY fly bar accessory, or place it on the ground with our GH-BASE accessory and extend the cluster with more GH412 or GH12 speakers, still using the same amplifier channels.

Perfect for high SPL outdoor/indoor applications in large venues both for rental and permanent installations for live events, large auditoriums, stadia, clubs, theme parks.

User Tip: optimize the cost and combine the active system with the passive model whether it is for stereo configurations or if need to extend the satellite cluster to form an array. The passive unit (GPX) comes with all the necessary cabling included.



User Tip: optimize the cost and combine the active system with the passive model whether it is for stereo configurations or if you prefer to extend the cluster.



2x18" Subwoofer + 4x12" Slim Array System

GP

GPX - GPXA



GPXA

ACTIVE

| GENERAL | |
|------------------------|--|
| Type | Powered 2x18" sub + 4x12" Slim Array |
| Transducers | SUB: 2x18" / TOP: 4x12" coaxial with 1" compression driver ferrite magnet |
| Frequency Response | 30Hz - 20KHz (-6dB average) |
| Max SPL ⁽¹⁾ | 140 dB |
| Power handling | SUB: 1500W / TOP: 800W |
| Coverage | V.25° - H.90° |
| Nominal Impedance | SUB: 4Ω / TOP: 8Ω |
| Connectors | 2x Combo jack-XLR female, 1x RJ45, 1x SpeakON to drive a GPX Passive System in a stereo configuration |
| Controls | Volume potentiometer, RJ45 connector, DSP can be remotely controlled via an Ethernet connection through Powersoft ArmoniaPlus Software |
| Amp Module | 4-channel Class-D audio amplifier |
| Output Power | 4x1500W @4Ω |
| Power Consumption | 500W Rated Load (1/8 Max Output Power) |
| Protections | Thermal Protections (Power limiting - Thermal Shutdown), Short-circuit/overload output protections, stationary high frequency protection, peak limiter, RMS limiter, frequency dependent RMS limiter, Clip limiter |
| Operating Range | 100-240V AC, 50-60 Hz |
| PHYSICAL OVERVIEW | |
| Dimensions (WxHxD) | 1035 x 2040x600 mm (40.75x80.31x23.6 in) |
| Weight | 116,6kg (257,06lbs) |
| Material | SUB: Birch plywood / TOP: Stainless steel |
| Colors | Black |
| IP Rating | SUB: IP41 / TOP: IP54 |

GPX

PASSIVE

| | |
|--------------------|--|
| Type | Passive 2x18" sub + 4x12" Slim Array |
| Transducers | SUB: 2x18" / TOP: 4x12" coaxial with 1" compression driver ferrite magnet |
| Frequency Response | 30Hz - 20KHz (-6dB average) |
| Max SPL | 140 dB |
| Power handling | SUB: 1500W / TOP: 800W |
| Coverage | V.25° - H.90° |
| Nominal Impedance | SUB: 4Ω / TOP: 8Ω |
| Connectors | 2x Speakon NL4 |
| Dimensions (WxHxD) | 1035x2040x600 mm (40.75x80.31x23.6 in) |
| Weight | 116,6kg (254,85lbs) |
| Material | SUB: Birch plywood / TOP: Stainless steel |
| Colors | Black |
| IP Rating | SUB: IP43 / TOP: IP54 |

ACCESSORIES INCLUDED

GPXA / GPX

GPINM20:
M20 pin
K-SPKCABLE2:
2m/6.6ft Speakon sub to satellite cable

GPX

K-SPKCABLE15:
15m/49ft Speakon cable

GP

GPZ - GPZA

2x18" Sub + 2x12" Slim Array System

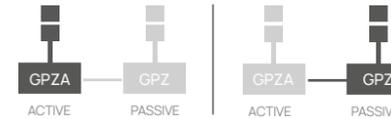
GPZ is a full-range system that includes a 2x18" subwoofer combined with two GH12, our 12" passive coaxial satellites featuring K-array™ SAT® (Slim Array Technology) and a stainless steel cabinet.

The active version (GPZA) features a 4x1500W RMS Powersoft™ amplifier and DSP module that allows to drive a passive system (GPZ) to create a stereo set. The DSP can be programmed and controlled via Ethernet with ArmoniaPlus™ control software.

Thanks to the impressive overall performance and the very compact format of the satellites, this system is perfect for high performance applications both for rental and permanent installations for live events, auditoriums, stadia, clubs and pubs, theme parks.

User Tip: optimize the cost and combine the active system with the passive model whether it is for stereo configurations or if need to extend the satellite cluster to form an array. The passive unit (GPZ) comes with all the necessary cabling included.

User Tip: optimize the cost and combine the active system with the passive model whether it is for stereo configurations or if you prefer to extend the cluster.



GP
GPZ - GPZA
2x18" Sub + 2x12" Slim Array System



GPZA

ACTIVE

| GENERAL | |
|------------------------|--|
| Type | Powered 2x18" sub + 2x12" Slim Array Elements |
| Transducers | SUB: 2x18" / TOP: 2x12" coaxial with 1" compression driver ferrite magnet |
| Frequency Response | 30Hz - 20KHz (-6dB average) |
| Max SPL ⁽¹⁾ | 137 dB |
| Power handling | SUB: 1500W / TOP: 400W |
| Coverage | V.30° - H.90° |
| Nominal Impedance | SUB: 8Ω / TOP: 16Ω |
| Connectors | 2 x Combo jack-XLR female line, 1x RJ45, 1 x SpeakOn to drive a GPZ Passive System in a stereo configuration |
| Controls | Volume potentiometer, RJ45 connector, DSP can be remotely controlled via an Ethernet connection through Powersoft ArmoniaPlus Software |
| Amp Module | 4-channel Class-D audio amplifier |
| Output Power | 4x1500W @4Ω |
| Power Consumption | 500W Rated Load (1/8 Max Output Power) |
| Protections | Thermal Protections (Power limiting - Thermal Shutdown), Short-circuit/overload output protections, stationary high frequency protection, peak limiter, RMS limiter, frequency dependent RMS limiter, Clip limiter |
| Operating Range | 100-240V AC, 50-60 Hz |
| PHYSICAL OVERVIEW | |
| Dimensions (WxHxD) | 1035x2040x600 mm (40.75x80.31x23.6 in) |
| Weight | 90kg (198,42lbs) |
| Material | SUB: Birch plywood / TOP: Stainless steel |
| Colors | Black |
| IP Rating | SUB: IP41 / TOP: IP54 |

GPZ

PASSIVE

| | |
|------------------------|--|
| Type | Passive 2x18" sub + 2x12" Slim Array Elements |
| Transducers | SUB: 2x18" / TOP: 2x12" coaxial with 1" compression driver ferrite magnet |
| Frequency Response | 30Hz - 20KHz (-6dB average) |
| Max SPL ⁽¹⁾ | 137 dB |
| Power handling | SUB: 1500W / TOP: 400W |
| Coverage | V.30° - H.90° |
| Nominal Impedance | SUB: 8Ω / TOP: 16Ω |
| Connectors | 2x Speakon NL4 |
| Dimensions (WxHxD) | 1035x2040x600 mm (40.75x80.31x23.6 in) |
| Weight | 89kg (199,21lbs) |
| Material | SUB: Birch plywood / TOP: Stainless steel |
| Colors | Black |
| IP Rating | SUB: IP43 / TOP: IP54 |

ACCESSORIES INCLUDED

GPZA / GPZ

G-POLE: Adjustable satellite stand with M20 screw bottom
K-SPKCABLE2: 2m/6,6ft Speakon sub to satellite cable
K-SPKCABLE750: 0,75m/2,46ft Speakon satellite to satellite cable
GH-JOINT: Adjustable stacking hardware for GH12

GPZ

K-SPKCABLE15: 15m/49ft Speakon cable

GP

GP1812 - GP1812A

18" Sub + 12" Slim Array System

This system is composed of a heavy duty 18" subwoofer combined with GH12, our 12" passive coaxial satellite featuring K-array™ SAT® (Slim Array Technology).

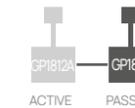
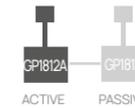
Utilizing a 4x1500W RMS amplifier and DSP platform by Powersoft™, the active system (GP1812A) can drive up to 3 GP1812 passive systems in a dual stereo setup and can be programmed and controlled via Ethernet with ArmoniaPlus™ control software.

Designed for small to medium high performance outdoor/indoor applications both for rental and permanent installations for events, DJs and live bands, broadcasting, pubs and clubs.

User Tip: optimize the cost and combine the active system with the passive model whether it is for stereo configurations or if you prefer to extend the cluster. The passive unit (GP1812) comes with all the necessary cabling included.



User Tip:
optimize the cost and
combine the active system
with the passive model
whether it is for stereo
configurations or if you
prefer to extend the cluster.



GP1812A

ACTIVE

| | |
|------------------------|---|
| GENERAL | |
| Type | Powered 18" sub + 12" Array element |
| Transducers | SUB: 18" / TOP: 12" coaxial 1" compression driver |
| Frequency Response | 30 Hz - 20 kHz (-6dB) |
| Max SPL ⁽¹⁾ | 129 dB |
| Power handling | SUB: 700W / TOP: 200W |
| Coverage | V.30° - H.90° |
| Nominal Impedance | SUB: 8Ω / TOP: 32Ω |
| Connectors | 2x Combo jack-XLR female line, 1x RJ45, 1x SpeakOn to drive a GP1812 Passive System in a stereo configuration |
| Controls | Volume potentiometer, RJ45 connector, DSP can be remotely controlled via an Ethernet connection through Powersoft ArmoniaPlus Software |
| Amp Module | 4-channel Class-D audio amplifier |
| Output Power | 4x1500W @4Ω |
| Power Consumption | 500W Rated Load (1/8 Max Output Power) |
| Protections | Thermal Protections (Power limiting - Thermal Shutdown), Short-circuit/overload output protections, stationary high frequency protection, peak limiter, RMS limiter, frequency dependent RMS limiter, Clip limiter |
| Operating Range | 100-240V AC, 50-60 Hz |

PHYSICAL OVERVIEW

| | |
|--------------------|---|
| Dimensions (WxHxD) | 545x1690 (min)x600 mm (21.46x66.54x23.6 in) |
| Weight | 52kg (114.64lbs) |
| Material | SUB: Birch plywood / TOP: Stainless steel |
| Colors | Black |
| IP Rating | SUB: IP41 / TOP: IP54 |

GP1812

PASSIVE

| | |
|------------------------|---|
| Type | Passive 18" sub + 12" Array element |
| Transducers | SUB: 18" / TOP: 12" coaxial 1" compression driver |
| Frequency Response | 30 Hz - 20 kHz (-6dB) |
| Max SPL ⁽¹⁾ | 129 dB |
| Power handling | SUB: 700W / TOP: 200W |
| Coverage | V.30° - H.90° |
| Nominal Impedance | SUB: 8Ω / TOP: 32Ω |
| Connectors | 2x Speakon NL4 |

| | |
|--------------------|---|
| Dimensions (WxHxD) | 545x1690 (min)x600 mm (21.46x66.54x23.6 in) |
| Weight | 51kg (106.27lbs) |
| Material | SUB: Birch plywood / TOP: Stainless steel |
| Colors | Black |
| IP Rating | SUB: IP43 / TOP: IP54 |

ACCESSORIES
INCLUDED

GP1812A / GP1812

G-POLE:
Adjustable satellite stand
with M20 screw bottom
K-SPKCABLE2:
2m/6.6ft Speakon cable

GP1812

K-SPKCABLE15:
15m/49ft Speakon cable

GP
GP1812 - GP1812A
18" Sub + 12" Slim Array System

GP

GP18 - GP18A

18" Sub + 24x2" Modular Column System

This plug-and-play column system includes a 18" subwoofer combined and a modular column unit composed of 24x 2" drivers equally divided into 3 array elements featuring K-array™ Pure Array Technology (PAT®) and an alternating direction pattern to obtain an incredibly wide horizontal dispersion angle (140°), while keeping the long throw and focused vertical beam of a long line array column.

Thanks to the built-in 4x1500W RMS amplifier and DSP platform by Powersoft™, an active system (GP18A) is capable of driving up to 3 GP18 passive systems in a dual stereo setup. The DSP can be controlled and programmed via Ethernet with ArmoniaPlus™ control software.

GP18 is designed to guarantee a very immersive sound field and a great performance to size/weight ratio, assuring easy and fast setup possibilities. This system can be handled and set up by 1 person and is suitable for a wide variety of applications both for rental and permanent installations for events, theatres, live bands, auditoriums, broadcasting, corporate, pubs and clubs.

User Tip: optimize the cost and combine the active system with the passive model whether it is for stereo configurations or if you prefer to extend the cluster. The passive unit (GP18) comes with all the necessary cabling included.



User Tip:
optimize the cost and
combine the active system
with the passive model
whether it is for stereo
configurations or if you
prefer to extend the cluster.



GP18A

ACTIVE

| GENERAL | |
|------------------------|--|
| Type | Powered 18" sub + Column Speakers System |
| Transducers | SUB: 18" / TOP: 3 modules with 8x2" neodymium magnet drivers |
| Frequency Response | 30 Hz - 20 kHz (-6dB) |
| Max SPL ⁽¹⁾ | 125 dB |
| Power handling | SUB: 700W / TOP: 350W |
| Coverage | V. 20° H. 140° |
| Nominal Impedance | SUB: 8Ω / TOP: 16 Ω |
| Connectors | 2x Combo jack-XLR female, 1x RJ45, 1x SpeakON to drive a GP18 Passive System in a stereo configuration |
| Controls | Volume potentiometer, RJ45 connector, DSP can be remotely controlled via an Ethernet connection through Powersoft ArmoniaPlus Software |
| Amp Module | 4-channel Class-D audio amplifier |
| Output Power | 4x1500W @4Ω |
| Power Consumption | 500W Rated Load (1/8 Max Output Power) |
| Protections | Thermal Protections (Power limiting - Thermal Shutdown), Short-circuit/overload output protections, stationary high frequency protection, peak limiter, RMS limiter, frequency dependent RMS limiter, Clip limiter |
| Operating Range | 100-240V AC, 50-60 Hz |

PHYSICAL OVERVIEW

| | |
|--------------------|---|
| Dimensions (WxHxD) | 545x600x2230 mm (21.48x23.62x87.79 in) |
| Weight | 43kg (94,8lbs) |
| Material | SUB: Birch plywood / TOP: ABS |
| Colors | Black |
| IP Rating | SUB: IP41 / TOP: IP54 |



GP18

PASSIVE

| | |
|------------------------|--|
| Type | Passive 18" sub + Column Speakers System |
| Transducers | SUB: 18" / TOP: 3 modules with 8x2" neodymium magnet drivers |
| Frequency Response | 30 Hz - 20 kHz (-6dB) |
| Max SPL ⁽¹⁾ | 125 dB |
| Power handling | SUB: 700W / TOP: 350W |
| Coverage | V. 20° H. 140° |
| Nominal Impedance | SUB: 8Ω / TOP: 16 Ω |
| Connectors | 2x Speakon NL4 |

| | |
|--------------------|---|
| Dimensions (WxHxD) | 545x600x2230 mm (21.48x23.62x87.79 in) |
| Weight | 42kg (92,59lbs) |
| Material | SUB: Birch plywood / TOP: ABS |
| Colors | Black |
| IP Rating | SUB: IP43 / TOP: IP54 |

ACCESSORIES INCLUDED

| |
|---|
| GP18 |
| K-SPKCABLE15: 15m/49ft Speakon cable |

GP
GP18 - GP18A
18" Sub + 24x2" Modular Column System

GP

GP12 - GP12A

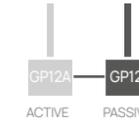
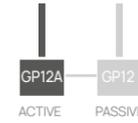
12" Sub + 16x2" Modular Column System

GP12 is a portable high performance Sub + Column system that features a 12" subwoofer with a ferrite magnet and a modular column with 16x2" drivers with neodymium magnets.

The column drivers feature an alternating angle pattern that increases the dispersion up to 140° on the horizontal plane to provide a very immersive sound field while assuring a long throw and a narrow vertical dispersion. GP12 can be easily driven by an active GP12A in stereo or dual stereo setup, or by our GA43 amplifier.

Thanks to the quick setup and its compact form factor, GP12A/GP12 are an incredibly effective solution for small and medium temporary and fixed applications where performance to size ratio is key, such as events, small stages, trade shows, broadcast and corporate.

User Tip:
optimize the cost and combine the active system with the passive model whether it is for stereo configurations or if you prefer to extend the cluster.



GP

GP12 - GP12A

12" Sub + 16x2" Modular Column System



GP12A

ACTIVE

| | |
|--------------------------|---|
| GENERAL | |
| Type | 12" Subwoofer + 16x2" Modular Column System (Active) |
| Transducers | SUB: 12" / TOP: 2 modules with 8x2" neodymium magnet drivers |
| Frequency Response | 45 Hz - 20 kHz (-6dB) |
| Max SPL ⁽¹⁾ | 123 dB |
| Power handling | 4x750 W (amplifier) |
| Coverage | V. 25° H. 140° |
| Nominal Impedance | SUB: 8Ω / TOP: 16 Ω |
| Connectors | 2x Combo jack-XLR female, 1x RJ45, 2x SpeakON to drive up to 3 GP12 Passive Systems in a stereo configuration |
| Controls | Volume potentiometer, RJ45 connector, DSP can be remotely controlled via an Ethernet connection through Powersoft ArmoniaPlus Software |
| Amp Module | 4-channel Class-D audio amplifier |
| Output Power | 4x750W @4Ω |
| Power Consumption | 375W Rated Load (¼ Max Power @8ohm) |
| Protections | Thermal Protections (Power limiting - Thermal Shutdown), Short-circuit/overload output protections, stationary high frequency protection, peak limiter, RMS limiter, frequency dependent RMS limiter, Clip limiter* |
| Operating Range | 100-240V AC, 50-60 Hz |
| PHYSICAL OVERVIEW | |
| Dimensions (WxHxD) | 405x2080x430 mm (15.94x81.89x16.93 in) |
| Weight | 20kg (44,09lbs) |
| Material | SUB: Birch plywood / TOP: ABS |
| Colors | Black |
| IP Rating | SUB: IP41 / TOP: IP54 |



GP12

PASSIVE

| | |
|--------------------------|--|
| GENERAL | |
| Type | 12" Subwoofer + 16x2" Modular Column System (Active) |
| Transducers | SUB: 12" / TOP: 2 modules with 8x2" neodymium magnet drivers |
| Frequency Response | 45 Hz - 20 kHz (-6dB) |
| Max SPL ⁽¹⁾ | 123 dB |
| Power handling | TOP: 350W SUB: 600W |
| Coverage | V. 25° H. 140° |
| Nominal Impedance | SUB: 8Ω / TOP: 16 Ω |
| Connectors | 2x Speakon NL4 |
| Operating Range | 100-240V AC, 50-60 Hz |
| PHYSICAL OVERVIEW | |
| Dimensions (WxHxD) | 405x2080x430 mm (15.94x81.89x16.93 in) |
| Weight | 19kg (41,88lbs) |
| Material | SUB: Birch plywood / TOP: ABS |
| Colors | Black |
| IP Rating | SUB: IP43 / TOP: IP54 |

ACCESSORIES INCLUDED

GP12A / GP12
Powercon TRUE: 3m/9,84ft power cord
K-SPKCABLE15: 15m/49ft Speakon cable 3m/9,84ft

GP

GP8AB

Battery Powered PA Column System

This battery powered PA column system has an 8" active subwoofer unit and a 4x2,5" array module that uses K-array™ PAT® (Pure Array Technology).

GP8AB features a new grille and sub enclosure look, as well as a totally re-designed column connection system that improves stability and reliability.

Built-in mixer with 2x mic/line inputs, 1x stereo AUX input, Bluetooth connectivity with TWS Pairing and USB/SD media player. Two separate volume knobs allow you to separately manage the sub and top levels for optimal sound in every application.

GP8AB is so compact and light that can be carried by one person, and a cover+bag set is available as an accessory for more protection and easier handling.

Play it anywhere

Thanks to the new Li-Ion battery, GP8AB can play for more than 7 hours with a single charge.

New look

GP8AB features a totally new grille and subwoofer top design.



GP

GP8A - GP8AB

Active PA Column System



GP8A

ACTIVE PA

| | |
|--------------------|--|
| GENERAL | |
| Type | Powered 8" sub + Column Speakers System |
| Transducers | SUB: 8" / TOP: 4x 2.5" ferrite magnet woofers |
| Frequency Response | 45 Hz - 16 kHz (-6dB) |
| Max SPL (1) | 108 dB |
| Power handling | 200W |
| Coverage | V. 40° H. 100° |
| Nominal Impedance | - |
| Connectors | 2x Combo jack-XLR female, 1x 3.5 mm jack stereo, 1x USB, 2.0 A port, 1x SD card slot, 4.2 bluetooth with TWS technology for pairing two GP8A for stereo listening |
| Controls | Master level control, Analog unbalanced input level control, Analog balanced input level control, Mic input effect control, Subwoofer level control, Mp3 player controls |
| Amp Module | 2-channel Class-D audio amplifier |
| Output Power | 200W |
| Power Consumption | 70W (peak) |
| Protections | Output short protection, DC Offset, Over Temperature, Under Voltage Over Voltage |
| Operating Range | 100-240V AC, 50-60 Hz |

PHYSICAL OVERVIEW

| | |
|--------------------|-------------------------------------|
| Dimensions (WxHxD) | 317x1863x400 mm (12.5x73.3x15.7 in) |
| Weight | 14,5 kg (31,97 lb) |
| Material | ABS |
| Colors | Black |
| IP Rating | SUB: IP41 / TOP: IP54 |

GP8AB

BATTERY PA

| | |
|--------------------|---|
| | |
| Type | Powered 8" sub + Column Speakers System |
| Transducers | SUB: 8" / TOP: 4x 2.5" ferrite magnet woofers |
| Frequency Response | 45 Hz - 16 kHz (-6dB) |
| Max SPL (1) | 108 dB |
| Power handling | 200W |
| Coverage | V. 40° H. 100° |
| Nominal Impedance | - |
| Connectors | 2x XLR female mic/line - 6.3mm jack mono mic/line, 3.5mm jack stereo, USB 2.0 A, SD card, 4.2 bluetooth with TWS technology to pair two GP8A for stereo listening, XLR male |
| Controls | Master level control, Analog unbalanced input level control, Analog balanced input level control, Mic input effect control, Subwoofer level control, Mp3 player controls |
| Amp Module | 2-channel Class-D audio amplifier |
| Output Power | 200W |
| Power Consumption | 70W (peak) |
| Protections | Output short protection, DC Offset, Over Temperature, Under Voltage Over Voltage |
| Operating Range | 100-240V AC, 50-60 Hz |

| | |
|--------------------|-------------------------------------|
| Dimensions (WxHxD) | 317x1863x400 mm (12.5x73.3x15.7 in) |
| Weight | 14,5 kg (31,97 lb) |
| Material | ABS |
| Colors | Black |
| IP Rating | SUB: IP41 / TOP: IP54 |

BATTERY

Capacity: 8000 mAh Li-Ion, non removable
Life: 7 hours of continuous playback at clip limit





GH

GH412

4x12" High Efficiency Coaxial Slim Array

SPEAKERS

This passive 4x12" coaxial array element features a compact stainless steel, weather resistant cabinet that benefits from K-array™ SAT® (Slim Array Technology).

Its cardioid dispersion pattern limits the loss of energy in unwanted directions. More units can be joined together to form a line array and scale up the system.

Designed for high performance outdoor/ indoor applications both for fixed and moving installations for live events, auditoriums, transportation facilities, stadia, theme parks and and clubs.

GH12

12" High Efficiency Coaxial Slim Array Element

This passive 12" coaxial array element features a compact stainless steel, weather resistant cabinet that benefits from K-array™ SAT® (Slim Array Technology).

Its cardioid dispersion pattern limits the loss of energy in unwanted directions. More units can be joined together to form a line array and scale up the system.

Designed for high performance outdoor/ indoor applications both for fixed and moving installations for live events, auditoriums, transportation facilities, stadia, theme parks and big and clubs.

Suggested amplifiers GA43 and GA46.



GH

GH412 - GH12

High Efficiency Coaxial Slim Array Element



SPEAKERS



GH412

4 x 12"

| | |
|-----------------------------------|--|
| GENERAL | |
| Type | Passive loudspeaker |
| Transducers | 4x 12" ferrite magnet woofer 1" compression driver |
| Frequency Response ⁽¹⁾ | 125 Hz - 20 kHz (-6dB) |
| Max SPL ⁽²⁾ | 140 dB (peak) |
| Power handling | 800 W |
| Coverage | V. 30° H. 90° |
| Connectors | SpeakOn NL4 1+ 1- (signal); 2+ 2- (through) |
| Nominal Impedance | 8 Ω |

PHYSICAL OVERVIEW

| | |
|--------------------|---------------------------------------|
| Dimensions (WxHxD) | 327x1290x198 mm (12.87x50.79x7.79 in) |
| Weight | 55,2kg (121,69lbs) |
| Material | Stainless steel |
| Colors | Black |
| IP Rating | IP54 |

AVAILABLE ACCESSORIES

GH-BASE: Ground stacking hardware for up to 2 GH412 or 8 GH12
GH-FLY: Flying hardware for GH12 / GH412
GH-JOINT: Adjustable rigging hardware for GH12or GH12 / GH412

GH12

12"

| | |
|-----------------------------------|---|
| GENERAL | |
| Type | Passive loudspeaker |
| Transducers | 12" ferrite magnet woofer 1" compression driver |
| Frequency Response ⁽¹⁾ | 125 Hz - 20 kHz (-6dB) |
| Max SPL ⁽²⁾ | 129 dB (peak) |
| Power handling | 200 W |
| Coverage | V. 30° H. 90° |
| Connectors | SpeakOn NL4 1+ 1- (signal); 2+ 2- (through) |
| Nominal Impedance | 32 Ω |

| | |
|--------------------|--------------------------------------|
| Dimensions (WxHxD) | 327x334x198 mm (12.87x13.15x7.79 in) |
| Weight | 13,8kg (30,43lbs) |
| Material | Stainless steel |
| Colors | Black |
| IP Rating | IP54 |

GH-BASE: Ground stacking hardware for up to 2 GH412 or 8 GH12
GH-FLY: Flying hardware for GH12 / GH412
GH-JOINT: Adjustable rigging hardware for GH12or GH12 / GH412
GH12-CEILING: Ceiling Mount Bracket for GH12 With Adjustable Angle Stainless Steel Black Color

GH

GH4 - GH4A

4" High Performance Full Range Speaker Mini Array Element

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.

More GH4s (up to 8 pcs) can be combined together to create an array and obtain higher performance.

The flexibility and compactness of GH4 make it a great choice for fixed installation in a very wide variety of applications, from live and entertainment to hospitality, transportation, broadcast, theatres, HOW and residential.

GH4 comes with the following ACCESSORIES:
GF-WALL Adjustable wall mount bracket



GH

GH4 - GH4A

Passive 4" High Performance Stainless Steel Full Range Speaker Mini Array Element



GH4 PASSIVE

| GENERAL | |
|-----------------------------------|---------------------------------------|
| Type | Passive loudspeaker |
| Transducers | 4" neodymium magnet full-range driver |
| Frequency Response ⁽¹⁾ | 150 Hz - 20 kHz (-6dB) |
| Max SPL ⁽²⁾ | 122 dB (peak) |
| Power handling | 140 W (peak) |
| Coverage | V. 90° H. 90° |
| Connectors | Phoenix connector (4-pin euroblock) |
| Nominal Impedance | 4 Ω - 16 Ω selectable |
| PHYSICAL OVERVIEW | |
| Dimensions (WxHxD) | 112x112x94 mm (4.41x4.41x3.70 in) |
| Weight | 1,2 kg (2,65 lb) |
| Material | Stainless steel |
| Colors | Black / White |
| IP Rating | IP64 (G-IPCAP1 accessory required) |

GH4A ACTIVE

| | |
|-----------------------------------|---|
| Type | Active loudspeaker |
| Transducers | 4" neodymium magnet full-range driver |
| Frequency Response ⁽¹⁾ | 150 Hz - 20 kHz (-6dB) |
| Max SPL ⁽²⁾ | 116 dB (peak) |
| Power handling | 120 W (peak) |
| Coverage | V. 90° H. 90° |
| Connectors | 2x Phoenix connector (4-pin euroblock), Balanced Line in, Mute contact Power out, 24V DC IN (power supply not included) |
| Nominal Impedance | - |
| Dimensions (WxHxD) | 112x112x94 mm (4.41x4.41x3.70 in) |
| Weight | 1,2 kg (2,65 lb) |
| Material | Stainless steel |
| Colors | Black / White |
| IP Rating | IP64 (G-IPCAP1 accessory required) |

ACCESSORIES INCLUDED

GH4A / GH4
GF-WALL Adjustable wall mount bracket

ACCESSORIES AVAILABLE

View pag. 46



For Coffee

[Signature]

GF^{mark I}GF22 - GF42 - GF82 - GF162
Column Speaker

Utilizing of the same 2" full range driver, our GF speakers benefit from K-array's Pure Array Technology® to combine all the advantages of a pure line array such as the long throw and dispersion control, all into an ultra-compact and minimal box design without sacrificing sound quality.

Despite the uncommon form factor, GF22 is the only point source speaker in the line, featuring two 2" driver units, built-in bass reflex port and dedicated filter.

Now available in many different variants - active - passive, passive with 70/100V transformer, GF speakers are perfect for all those situations that require an even sound distribution and control in a very discreet and highly adaptable format.

A recycled ABS enclosure makes GF speakers suitable both for indoor and outdoor applications in permanent installations for music and speech in bars, restaurants, hotels, retail shops, transportation facilities and conference rooms as well as in residential environments. To achieve best performance in music applications, our GF speakers can be combined with a KGEAR matched subwoofer.

GF^{mark I}
GF162 - GF162T
Column Speaker

GF162

PASSIVE 16x2" LINE ARRAY
COLUMN SPEAKER

| GENERAL | |
|-----------------------------------|-------------------------------------|
| Type | PASSIVE |
| Transducers | 16x2" ferrite magnet woofer |
| Frequency Response ⁽¹⁾ | 135 Hz - 20 kHz (-6dB) |
| Max SPL ⁽²⁾ | 123 dB (peak) |
| Power handling | 200 W 400 W peak |
| Coverage | V. 7° H. 90° |
| Connectors | Phoenix connector (4-pin euroblock) |
| Nominal Impedance | 8 Ω - 32 Ω selectable |

PHYSICAL OVERVIEW

| | |
|--------------------|------------------------------------|
| Dimensions (WxHxD) | 60x1200x72 mm (2.36x47.24x2.83 in) |
| Weight | 3,2 kg (7,05 lbs) |
| Material | ABS |
| Colors | Black - GF162 / White - GF162W |
| IP Rating | IP56 (G-IPCAP1 accessory required) |

GF162T

PASSIVE 16x2" LINE ARRAY
COLUMN SPEAKER

| | |
|-----------------------------------|-------------------------------------|
| Type | PASSIVE |
| Transducers | 16x2" ferrite magnet woofer |
| Frequency Response ⁽¹⁾ | 135 Hz - 20 kHz (-6dB) |
| Max SPL ⁽²⁾ | 115 dB |
| Power handling | 8/16/32/64W @100V 4/8/16/32W @70V |
| Coverage | V. 7° H. 90° |
| Connectors | Phoenix connector (5-pin euroblock) |
| Nominal Impedance | - |

| | |
|--------------------|------------------------------------|
| Dimensions (WxHxD) | 60x1200x72 mm (2.36x47.24x2.83 in) |
| Weight | 4,2 kg (7,05 lbs) |
| Material | ABS |
| Colors | Black - GF162T / White - GF162TW |
| IP Rating | IP56 (G-IPCAP2 accessory required) |



GF82

PASSIVE 8x2" LINE ARRAY
COLUMN SPEAKER

| | |
|-----------------------------------|-------------------------------------|
| GENERAL | |
| Type | PASSIVE |
| Transducers | 8x2" ferrite magnet woofer |
| Frequency Response ⁽¹⁾ | 150 Hz - 20 kHz (-6dB) |
| Max SPL ⁽²⁾ | 119 dB (peak) |
| Power handling | 100 W 200 W peak |
| Coverage | V. 15° H. 90° |
| Connectors | Phoenix connector (4-pin euroblock) |

Nominal Impedance 16 Ω - 64 Ω selectable

PHYSICAL OVERVIEW

| | |
|--------------------|------------------------------------|
| Dimensions (WxHxD) | 60x590x72 mm (2.36x23.23x2.83 in) |
| Weight | 1,6 kg (3.53 lb) |
| Material | ABS |
| Colors | Black - GF82 / White - GF82W |
| IP Rating | IP56 (G-IPCAP1 accessory required) |

GF82T

PASSIVE 8x2" LINE ARRAY
COLUMN SPEAKER

| | |
|-----------------------------------|-------------------------------------|
| Type | PASSIVE |
| Transducers | 8x2" ferrite magnet woofer |
| Frequency Response ⁽¹⁾ | 150 Hz - 20 kHz (-6dB) |
| Max SPL ⁽²⁾ | 109 dB |
| Power handling | 4/8/16/32W @100V / 2/4/8/16W @70V |
| Coverage | V. 15° H. 90° |
| Connectors | Phoenix connector (5-pin euroblock) |

Nominal Impedance -

| | |
|--------------------|------------------------------------|
| Dimensions (WxHxD) | 60x590x72 mm (2.36x23.23x2.83 in) |
| Weight | 2,2 kg (4.85 lb) |
| Material | ABS |
| Colors | Black - GF82T / White - GF82TW |
| IP Rating | IP56 (G-IPCAP2 accessory required) |

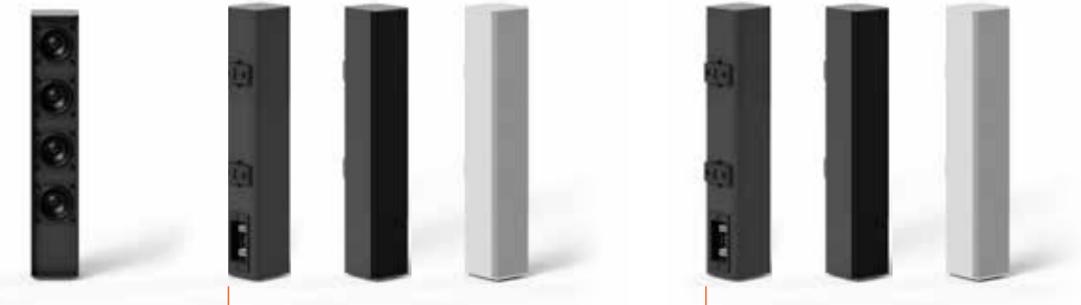
GF82A

ACTIVE 8x2" LINE ARRAY
COLUMN SPEAKER

| | |
|-----------------------------------|--|
| Type | ACTIVE |
| Transducers | 8x2" ferrite magnet woofer |
| Frequency Response ⁽¹⁾ | 150 Hz - 20 kHz (-6dB) |
| Max SPL ⁽²⁾ | 105 dB |
| Power handling | 15W 30W |
| Coverage | V. 15° H. 90° |
| Connectors | 2x Phoenix connector (4-pin euroblock) Balanced Line in Mute contact Power out 24V DC IN (power supply not included) |

Nominal Impedance -

| | |
|--------------------|------------------------------------|
| Dimensions (WxHxD) | 60x590x72 mm (2.36x23.23x2.83 in) |
| Weight | 1,6 kg (3.53 lb) |
| Material | ABS |
| Colors | Black - GF82A / White - GF82AW |
| IP Rating | IP56 (G-IPCAP1 accessory required) |



GF42

PASSIVE 4x2" LINE ARRAY
COLUMN SPEAKER

| | |
|-----------------------------------|-------------------------------------|
| GENERAL | |
| Type | PASSIVE |
| Transducers | 4x2" ferrite magnet woofer |
| Frequency Response ⁽¹⁾ | 160 Hz - 20 kHz (-6dB) |
| Max SPL ⁽²⁾ | 111 dB (peak) |
| Power handling | 50 W 100 W peak |
| Coverage | V. 25° H. 90° |
| Connectors | Phoenix connector (4-pin euroblock) |

Nominal Impedance 8 Ω - 32 Ω selectable

PHYSICAL OVERVIEW

| | |
|--------------------|------------------------------------|
| Dimensions (WxHxD) | 60x300x72 mm (2.36x11.81x2.83 in) |
| Weight | 0,8 kg (1.76 lbs) |
| Material | ABS |
| Colors | Black - GF42 / White - GF42W |
| IP Rating | IP56 (G-IPCAP1 accessory required) |

GF42A

ACTIVE 4x2" LINE ARRAY
COLUMN SPEAKER

| | |
|-----------------------------------|--|
| Type | ACTIVE |
| Transducers | 4x2" ferrite magnet woofer |
| Frequency Response ⁽¹⁾ | 160 Hz - 20 kHz (-6dB) |
| Max SPL ⁽²⁾ | 104 dB |
| Power handling | 25W 50W peak |
| Coverage | V. 25° H. 90° |
| Connectors | 2x Phoenix connector (4-pin euroblock) Balanced Line in Mute contact Power out 24V DC IN (power supply not included) |

Nominal Impedance -

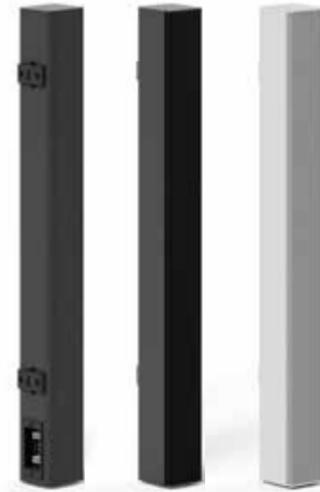
| | |
|--------------------|------------------------------------|
| Dimensions (WxHxD) | 60x300x72 mm (2.36x11.81x2.83 in) |
| Weight | 0,8 kg (1.76 lbs) |
| Material | ABS |
| Colors | Black - GF42 / White - GF42W |
| IP Rating | IP56 (G-IPCAP1 accessory required) |



GF22

PASSIVE 2x2" FULL RANGE
POINT SOURCE

| | |
|-----------------------------------|---|
| GENERAL | |
| Type | PASSIVE |
| Transducers | 2x2" ferrite magnet woofer |
| Frequency Response ⁽¹⁾ | 90 Hz - 20 kHz (-6dB) |
| Max SPL ⁽²⁾ | 108 dB (peak) |
| Power handling | 25 W 50 W peak |
| Coverage | V. 90° H. 90° |
| Connectors | Phoenix connector with speaker relaunch (4-pin euroblock) |
| Nominal Impedance | 16 Ω |
| PHYSICAL OVERVIEW | |
| Dimensions (WxHxD) | 60x590x72 mm (2.36x23.23x2.83 in) |
| Weight | 1,3 kg (2.87 lb) |
| Material | ABS |
| Colors | Black - GF22 / White - GF22W |
| IP Rating | IP54 (G-IPCAP1 accessory required) |



GF22A

ACTIVE 2x2" FULL RANGE
POINT SOURCE

| | |
|-----------------------------------|--|
| GENERAL | |
| Type | ACTIVE |
| Transducers | 2x2" ferrite magnet woofer |
| Frequency Response ⁽¹⁾ | 90 Hz - 20 kHz (-6dB) |
| Max SPL ⁽²⁾ | 103 dB (peak) |
| Power handling | 15 W 30 W peak |
| Coverage | V. 90° H. 90° |
| Connectors | 2x Phoenix connector (4-pin euroblock) Balanced Line in Mute contact Power out 24V DC IN (power supply not included) |
| Nominal Impedance | - |
| PHYSICAL OVERVIEW | |
| Dimensions (WxHxD) | 60x590x72 mm (2.36x23.23x2.83 in) |
| Weight | 1,3 kg (2.87 lb) |
| Material | ABS |
| Colors | Black - GF22A / White - GF22AW |
| IP Rating | IP54 (G-IPCAP1 accessory required) |

Compact 6" Passive Subwoofer designed for indoor applications, for permanent installations in retail stores, restaurants, hotels, bars, nightclubs and residential spaces.

Designed to match our GF22 and GF82 loudspeakers as a low frequency extension device. The GS6 features a symmetrical load circuit design, this allows it to be connected directly to most standard loudspeakers such as the GF series.

Thanks to a built-in low-pass filter, GS6 does not require any additional EQ or DSP and can be connected to the same speaker line as the satellites with no hassle!



GS6

PASSIVE

GS6A

ACTIVE

| | |
|-----------------------------------|---|
| GENERAL | |
| Type | GS6 Passive subwoofer GS6A Active subwoofer |
| Transducers | 6" woofer ferrite magnet |
| Frequency Response ⁽¹⁾ | 55Hz - 140Hz (-6dB average) |
| Max SPL ⁽²⁾ | 108 dB |
| Rated Power | GS6 60 W GS6A 50 W |
| Coverage | omni |
| Connectors | GS6 Phoenix connector with speaker relaunch (4-pin euroblock) GS6A 2x Phoenix connector (4-pin euroblock) Balanced Line in, Mute contact, Power out, 24V DC IN (power supply not included) |
| Nominal Impedance | GS6 4 Ω |
| PHYSICAL OVERVIEW | |
| Dimensions (WxHxD) | 170x310x310 mm (6.69x12.20x12.20 in) |
| Weight | 3,2kg (7,05lbs) |
| Material | MDF |
| Colors | Black |
| IP Rating | IP43 |

GS

GS218

2 x 18" Passive Subwoofer

This heavy duty 2x18" passive subwoofer is designed for high performance applications for rental and permanent installations in touring, large auditoriums, halls, stadia, theme parks and clubs. Impressive performance and great durability are guaranteed thanks to its rugged plywood cabinet.

Perfect companion for GH412, GH12, GH4 high performance satellites, GS218 works best when driven by our GA46 amplifiers.

GS18

18" Passive Subwoofer

High performance 18" passive subwoofer designed for applications both for rental and permanent installations for touring, large auditoriums, stadia, theme parks, clubs and pubs. Its weather resistant rugged cabinet guarantees great durability and optimal performance.

GS18 is a perfect companion for GH412, GH12 and GH4 as well as a superb low extension for all other satellites and full-range speakers, driven by GA43 or GA46 amplifiers.

GS12

12" Passive Subwoofer

GS12 is a compact but highly performing 12" passive subwoofer that features a ferrite magnet and a 3.5" voice coil.

Its rugged plywood cabinet and compact form factor for the size fit easily in small to medium sized environments for permanent or temporary use in clubs, bars and restaurants, hospitality, HOW, events and private studios.

GS12 is the perfect match to our GH4 and GF82 speakers, but is also a great pairing to extend the low frequencies of any other speaker or satellite, driven by GA43 or GA46 Amplifiers.

SUBWOOFER

KGEAR

GS

GS218

2 x 18" Passive Subwoofer

SUBWOOFERS



GS218

2 x 18" PASSIVE SUBWOOFER

GENERAL

| | |
|-----------------------------------|-----------------------------|
| Type | Passive subwoofer |
| Transducers | 2x18" ferrite magnet woofer |
| Frequency Response ⁽¹⁾ | 30 Hz - 150 Hz (-6 dB) |
| Max SPL ⁽²⁾ | 138 dB |
| Rated Power | 1500 W 3000 W peak |
| Coverage | omni |
| Connectors | 2x SpeakON NL4 |
| Nominal Impedance | 4 Ω |

PHYSICAL OVERVIEW

| | |
|--------------------|---------------------------------------|
| Dimensions (WxHxD) | 1035x614x600 mm (40.75x24.17x23.6 in) |
| Weight | 58 kg (127,86 lbs) |
| Material | Birch Plywood |
| Colors | Black |
| IP Rating | IP43 |



GS18
18" PASSIVE SUBWOOFER

| | |
|-----------------------------------|---------------------------|
| GENERAL | |
| Type | Passive subwoofer |
| Transducers | 18" ferrite magnet woofer |
| Frequency Response ⁽¹⁾ | 35 Hz - 150 Hz (-6 dB) |
| Max SPL ⁽²⁾ | 132 dB |
| Rated Power | 750 W 1500 W peak |
| Coverage | omni |
| Connectors | 2x SpeakON NL4 |
| Nominal Impedance | 8 Ω |

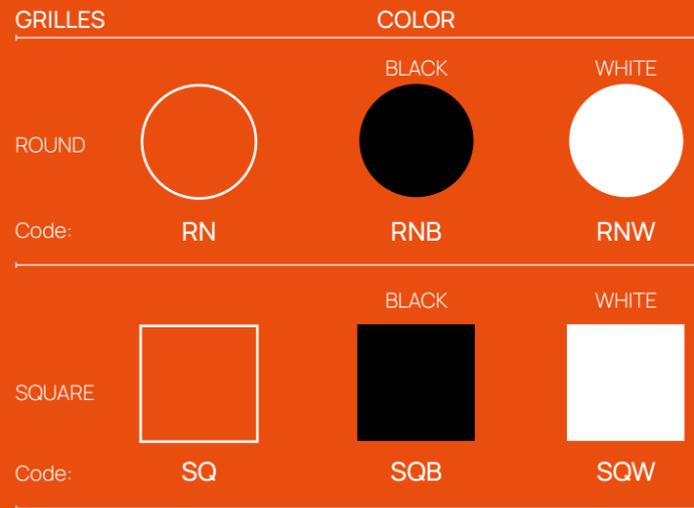
| | |
|--------------------------|--------------------------------------|
| PHYSICAL OVERVIEW | |
| Dimensions (WxHxD) | 545x610x600 mm (21.46x24.02x23.6 in) |
| Weight | 34,4 kg (75,83 lbs) |
| Material | Birch Plywood |
| Colors | Black |
| IP Rating | IP43 |



GS12
12" PASSIVE SUBWOOFER

| | |
|-----------------------------------|---------------------------|
| GENERAL | |
| Type | Passive subwoofer |
| Transducers | 12" ferrite magnet woofer |
| Frequency Response ⁽¹⁾ | 37Hz - 150Hz (-6dB) |
| Max SPL ⁽²⁾ | 122 dB |
| Rated Power | 600W |
| Coverage | omni |
| Connectors | 2x SpeakON NL4 |
| Nominal Impedance | 4 Ω |

| | |
|--------------------------|----------------------------------|
| PHYSICAL OVERVIEW | |
| Dimensions (WxHxD) | 410x445x430 mm (16.1x17.5x17 in) |
| Weight | 19 kg (41,89 lbs) |
| Material | Birch Plywood |
| Colors | Black |
| IP Rating | IP43 |



2-way full passive full range speaker for in-ceiling and in-wall installation. Thanks to its 8" woofer, GC8 delivers more bass and SPL than its 6" brother, making it the perfect choice for higher SPL sound distribution both in residential and commercial applications such as apartments, villas, home theaters, hotels, hospitals, bars and restaurants, corporate buildings. GC8 comes with a frameless design grille an orientable tweeter and is available in 8 ohm for small to medium-sized, hi-fi applications as well as in

70/100V version (GC8T) for large scale distributed sound installations where a very high number of speakers is required.

For best performance, depending on power/ quantity needs, this speaker can be combined with any KGEAR amplifier (GA201, GA41/41L, GA43/43L, GA46/46L) and subwoofer (GS6, GC8S). Available in black or white colour, the frameless magnetic grille can also be painted to match any environment.



GC8
8" CEILING / IN-WALL SPEAKER
80W 8 Ω



GENERAL

| | |
|----------------------------|-----------------------------|
| Rated Power | 80W |
| Peak power | 160W |
| Impedance | 8Ω |
| Frequency Range: | 50Hz - 20KHz (-3dB average) |
| Maximum SPL ⁽¹⁾ | 112dB (peak) |
| Continuos SPL | 100dB |
| Coverage | 130° conical |

PHYSICAL OVERVIEW

| | |
|----------|------------------|
| Ø Outer | 277 mm (10.9 in) |
| Ø Inner | 258 mm (10.2 in) |
| Depth | 105 mm (4.1 in) |
| Weight | 2.04 kg (4.5 lb) |
| Material | ABS |
| Colors | White / Black |



GC8T
8" CEILING / IN-WALL SPEAKER
70/100V



GENERAL

| | |
|----------------------------|-----------------------------|
| Rated Power | 80W |
| Peak power | 160W |
| Nominal Power (@100V) | 4/8/16/32W taps |
| Nominal Power (@70V) | 2/4/8/16W taps |
| Impedance | 8Ω |
| Frequency Range: | 50Hz - 20KHz (-3dB average) |
| Maximum SPL ⁽¹⁾ | 112dB (peak) |
| Continuos SPL | 100dB |
| Coverage | 130° conical |

PHYSICAL OVERVIEW

| | |
|----------|------------------|
| Ø Outer | 277 mm (10.9 in) |
| Ø Inner | 258 mm (10.2 in) |
| Depth | 105 mm (4.1 in) |
| Weight | 2.04 kg (4.5 lb) |
| Material | ABS |
| Colors | White / Black |

GC

GC6 I - GC6T I

6,5" ceiling / in-wall speakers

6,5" 2-way passive full range speaker for in-ceiling and in-wall installation. With a nice frameless grille design and orientable tweeter, GC6 is the go-to solution for sound distribution both in residential and commercial applications such as apartments, villas, small home theaters, hotels, hospitals, bars and restaurants, corporate buildings.

GC6 is available in 8 ohm for smaller sized, hi-fi applications as well as in 70/100V version (GC6T)

for large scale distributed sound installations where a very high number of speakers is required.

For best performance, depending on power/quantity needs, this speaker can be combined with any KGEAR amplifier (GA201, GA41/41L, GA43/43L, GA46/46L) and subwoofer (GS6, GC8S). Available in black or white colour, the frameless magnetic grille can also be painted to match any environment.

5,25" 2-way passive full range speaker for in-ceiling and in-wall installation. With a nice frameless grille design and orientable tweeter, GC5 is a small but effective choice for sound distribution both in residential and commercial applications such as apartments, villas, small home theaters, hotels, hospitals, bars and restaurants, corporate buildings.

GC5 is available in 8 ohm for smaller sized, hi-fi applications as well as in 70/100V version (GC5T) for large scale distributed sound installations where a higher number of speakers is required. This speaker can be combined with any KGEAR amplifier (GA201, GA41/41L, GA43/43L, GA46/46L) and subwoofer (GS6, GC8S). Available in black or white colour, the frameless magnetic grille can also be painted to match any environment.

GC

GC5 I - GC5T I

5" ceiling / in-wall speakers

RECESSED SPEAKERS

RECESSED SPEAKERS



GC6

6,5" CEILING / IN-WALL SPEAKER
60W 8 Ω

GC6-RNB



GC6-SQB



GC6-RNW



GC6-SQW



GC6T

6,5" CEILING / IN-WALL SPEAKER
70/100V

GC6T-RNB



GC6T-SQB



GC6T-RNW



GC6T-SQW



GC5

5,25" CEILING / IN-WALL SPEAKER
40W 8 Ω

GC5-RNB



GC5-SQB



GC5-RNW



GC5-SQW



GC5T

5,25" CEILING / IN-WALL SPEAKER
70/100V

GC5T-RNB



GC5T-SQB



GC5T-RNW



GC5T-SQW

GENERAL

| | |
|-----------------------------------|---|
| Type | Passive loudspeaker |
| Transducers | 6,5" coax ferrite magnet woofer 0,75" titanium dome tweeter |
| Frequency Response ⁽¹⁾ | 60 Hz - 20 kHz (-10dB) |
| Max SPL ⁽²⁾ | 110 dB (Peak) |
| Power handling | 60 W 120 W Peak |
| Coverage | 130° |
| Connectors | Spring terminals |
| Nominal Impedance | 8 Ω |

PHYSICAL OVERVIEW

| | |
|--------------------|--------------------------------|
| Dimensions (WxHxD) | 227x210x87 mm (8.9x8.3x3.4 in) |
| Weight | 1.52 kg (3,3 lb) |
| Material | ABS |
| Colors | White / Black |

GENERAL

| | |
|-----------------------------------|---|
| Type | Passive loudspeaker |
| Transducers | 6,5" coax ferrite magnet woofer 0,75" titanium dome tweeter |
| Frequency Response ⁽¹⁾ | 60 Hz - 20 kHz (-10dB) |
| Max SPL ⁽²⁾ | 110 dB (Peak) |
| Power handling | 4/8/16/32W@100V (2/4/8/16W@70V) |
| Coverage | 130° |
| Connectors | Spring terminals |
| Nominal Impedance | 70/100 V |

PHYSICAL OVERVIEW

| | |
|--------------------|--------------------------------|
| Dimensions (WxHxD) | 227x210x87 mm (8.9x8.3x3.4 in) |
| Weight | 1.52 kg (3,3 lb) |
| Material | ABS |
| Colors | White / Black |

GENERAL

| | |
|-----------------------------------|--|
| Type | Passive loudspeaker |
| Transducers | 5,25" coax ferrite magnet woofer 0,75" titanium dome tweeter |
| Frequency Response ⁽¹⁾ | 70 Hz - 20 kHz (-10dB) |
| Max SPL ⁽²⁾ | 109 dB (Peak) |
| Power handling | 40 W 80 W Peak |
| Coverage | 130° |
| Connectors | Spring terminals |
| Nominal Impedance | 8 Ω |

PHYSICAL OVERVIEW

| | |
|--------------------|----------------------------|
| Dimensions (WxHxD) | 196x179x75 mm (7.7x7x3 in) |
| Weight | 1.08KG (2.4lbs) |
| Material | ABS |
| Colors | White / Black |

GENERAL

| | |
|-----------------------------------|--|
| Type | Passive loudspeaker |
| Transducers | 5,25" coax ferrite magnet woofer 0,75" titanium dome tweeter |
| Frequency Response ⁽¹⁾ | 70 Hz - 20 kHz (-10dB) |
| Max SPL ⁽²⁾ | 109 dB (Peak) |
| Power handling | 2/4/8/16W@100V (1.25/2/4/8W@70V) |
| Coverage | 130° |
| Connectors | Spring terminals |
| Nominal Impedance | 70/100 V |

PHYSICAL OVERVIEW

| | |
|--------------------|----------------------------|
| Dimensions (WxHxD) | 196x179x75 mm (7.7x7x3 in) |
| Weight | 1.08KG (2.4lbs) |
| Material | ABS |
| Colors | White / Black |

GC

GC3

3" ceiling / in-wall speakers

GC3 is a tiny 3" 2-way full range passive speaker for in-ceiling and in-wall installation. Thanks to its frameless grille design and its extra small format, GC3 is a very practical and discrete solution for architectural installations that require a multi-point sound distribution. The spring clamps and the magnetic grille allow fast and tool-free installation and its 16 ohm impedance allows multiple speaker connection to KGEAR amplifiers (GA201, GA41/41L or GA43/43L) without any transformer, preserving audio quality.

To obtain the best performance and low frequency extension, combine GCF3/GWF3 with a KGEAR subwoofer (GS6, GC8S). Available in black or white colour, the frameless magnetic grille can be painted to match any environment.



GC3

3" CEILING / IN-WALL SPEAKER
20W 16 Ω



GC3-RNB



GC3-SQB



GC3-RNW



GC3-SQW

GENERAL

| | |
|-----------------------------------|---|
| Type | Passive loudspeaker |
| Transducers | 3" coax ferrite magnet woofer 0,5" mylar dome tweeter |
| Frequency Response ⁽¹⁾ | 120 Hz - 20 kHz (-10dB) |
| Max SPL ⁽²⁾ | 106 dB (Peak) |
| Power handling | 20 W 40 W peak |
| Coverage | 130° |
| Connectors | Spring terminals |
| Nominal Impedance | 16 Ω |

PHYSICAL OVERVIEW

| | |
|--------------------|-------------------------------|
| Dimensions (WxHxD) | 116x100x58 mm (4.57x4x2.3 in) |
| Weight | 0.4 kg (0.88 lb) |
| Material | ABS |
| Colors | White / Black |
| IP Rating | |

GC

GC8S

8" ceiling / in-wall subwoofer

GC8S is an 8" passive subwoofer for in-ceiling and in-wall installation, designed to work as low frequency extension to our GC ceiling/in-wall speakers as well as our GF speakers.

It features a built-in passive low-pass filter to be connected on the same line as the satellites without needing a DSP or a separate amplifier channel. Its discrete frameless grille design suits installation both in residential and commercial environments such as home theaters, hotels, retail shops, spa and gyms, bars and restaurants, corporate buildings. Available in black or white colour, the magnetic grille can also be painted to match any environment.



GC8S

8" CEILING / IN-WALL SUBWOOFER
80W 8 Ω



GC8S-RNB



GC8S-SQB



GC8S-RNW



GC8S-SQW

GENERAL

| | |
|----------------------------|--|
| Type | Passive Subwoofer |
| Transducer | 8" ferrite magnet woofer |
| Rated Power | 80W |
| Peak power: | 160W |
| Impedance: | 8Ω |
| Frequency Range | 45Hz - 250Hz (-3dB average) built-in low-pass filter |
| Maximum SPL ⁽¹⁾ | 110dB (peak) |
| Continuos SPL | 98dB |
| Coverage | omni |

PHYSICAL OVERVIEW

| | |
|--------------------|-----------------------------------|
| Dimensions (WxHxD) | 277x258x105 mm (10.9x10.2x4.1 in) |
| Weight | 2.0 kg (4.4 lb) |
| Material | ABS |
| Colors | White / Black |
| IP Rating | |

GG

GG6

6,5" full-range two-way wall mount speaker
with 8Ω or 70/100V line selector

Suitable for outdoor/indoor applications in large scale, permanent installations for distributed music and speech in large areas, transportation facilities, hotels, bars and shops.



GG6

6,5" PASSIVE LOUDSPEAKER



GG6W

6,5" PASSIVE LOUDSPEAKER



GENERAL

| | |
|-----------------------------------|--|
| Type | Passive loudspeaker |
| Transducers | 6.5" ferrite magnet PP woofer / 1" aluminum dome tweeter |
| Frequency Response ⁽¹⁾ | 50 Hz - 20 kHz (-6dB) |
| Max SPL ⁽²⁾ | 115 dB (peak) |
| Rated Power | 80 W 160W peak / 1/2/4/8/16/32W @70/100V |
| Coverage | V. 90° H. 90° |
| Connectors | Screw type terminals |
| Nominal Impedance | 8 Ω / Hi-Z 70V, 100V available |

PHYSICAL OVERVIEW

| | |
|--------------------|----------------------------------|
| Dimensions (WxHxD) | 193x310x180 mm (7.6x12.2x7.0 in) |
| Weight | 2,8 kg (6.17 lb) |
| Material | V0 ABS |
| Colors | Black - GG6 / White - GG6W |
| IP Rating | IP56 |

GA

GA46L - GA43L - GA41L

AMPLIFIERS



GA46L

4 x 1500W
POWER AMPLIFIER

| | |
|-----------------------------|--|
| GENERAL | |
| Type | 4-Channel Class D |
| Output Power ⁽¹⁾ | 4x1500 W |
| Minimum Impedance | 4Ω |
| Connections | Input: 4x XLR balanced Output: 2x SpeakOn 4 pole |
| Built-in DSP | -- |
| Remote control | -- |
| Protections | Thermal Protections (Power limiting - Thermal Shutdown), Short-circuit/overload output protections, stationary high frequency protection, peak limiter, RMS limiter, frequency dependent RMS limiter, Clip limiter |
| MAINS Operating Range | 85-245 VAC |
| PHYSICAL OVERVIEW | |
| Dimensions (WxHxD) | 145x90x418 mm (5.7x3.54x16.5 in) |
| Weight | 3,8 kg (8,16 lb) |
| Material | Stainless steel |
| Colors | Black |

GA43L

4 x 750W
POWER AMPLIFIER

| | |
|-----------------------------|--|
| GENERAL | |
| Type | 4-Channel Class D |
| Output Power ⁽¹⁾ | 4x750 W |
| Minimum Impedance | 4Ω |
| Connections | Input: 4x XLR balanced Output: 2x SpeakOn 4 pole |
| Built-in DSP | -- |
| Remote control | -- |
| Protections | Thermal Protections (Power limiting - Thermal Shutdown), Short-circuit/overload output protections, stationary high frequency protection, peak limiter, RMS limiter, frequency dependent RMS limiter, Clip limiter |
| MAINS Operating Range | 85-245 VAC |
| PHYSICAL OVERVIEW | |
| Dimensions (WxHxD) | 145x90x418 mm (5.7x3.54x16.5 in) |
| Weight | 3,6 kg (7,94 lb) |
| Material | Stainless steel |
| Colors | Black |

GA41L

4 x 150W
POWER AMPLIFIER

| | |
|-----------------------------|--|
| GENERAL | |
| Type | 4-Channel Class D |
| Output Power ⁽¹⁾ | 4x150 W |
| Minimum Impedance | 4Ω |
| Connections | Input: 4x XLR balanced Output: 2x SpeakOn 4 pole |
| Built-in DSP | -- |
| Remote control | -- |
| Protections | Thermal Protections (Power limiting - Thermal Shutdown), Short-circuit/overload output protections, stationary high frequency protection, peak limiter, RMS limiter, frequency dependent RMS limiter, Clip limiter |
| MAINS Operating Range | 85-245 VAC |
| PHYSICAL OVERVIEW | |
| Dimensions (WxHxD) | 145x90x418 mm (5.7x3.54x16.5 in) |
| Weight | 2,6 kg (5.7 lb) |
| Material | Stainless steel |
| Colors | Black |



GA201

2 x 125W
POWER AMPLIFIER

| | |
|-----------------------------|--|
| GENERAL | |
| Type | 2-Channel Class-D |
| Output Power ⁽¹⁾ | 2x125 W |
| Minimum Impedance | 4Ω |
| Connections | Input: 3,5mm Jack, DC Jack Output: 3,5mm Jack Link Out, 2x Phoenix connectors |
| Built-in DSP | -- |
| Remote control | -- |
| Protections | Thermal Protections (Power limiting - Thermal Shutdown), Short-circuit/overload output protections, stationary high frequency protection, peak limiter, RMS limiter, frequency dependent RMS limiter, Clip limiter |
| MAINS Operating Range | 12-26VDC 4A (power supply included) |
| PHYSICAL OVERVIEW | |
| Dimensions (WxHxD) | 72x43x134 mm (2.83x1.69x5.16 in) |
| Weight | 1 kg (2.2 lb) |
| Material | Stainless steel |
| Colors | Black |

GA

GA201

AMPLIFIERS

GM

GM44L

AUDIO MATRIX

GM44L is a 4-Zone analog audio matrix that features 4 Stereo Line inputs with gain control, 4 Stereo Line outputs with Treble and Bass adjustment, 4 Zone input selectors and 1 Auxiliary input that can be independently assigned to each zone output and mixed to the selected input channel.

This matrix also has a dry contact input that allows to mute all the inputs except the priority auxiliary input for emergency purposes. More GM44L units can be linked together to increase the number of outputs thanks to 5 Link outputs corresponding to each one of the inputs (including Aux-In).

All the connections are made utilizing 3,5mm Stereo Jack connectors. GM44L is the perfect preamp combination to our GA201 amplifier as 1 GM44L and up to 4 GA201 amps can be mounted in just 1 Rack Unit space thanks to our G-RACKMINI2 accessory, making it a great solution for multi-zone sound distribution and public address solution for bars and restaurants, hospitality, corporate, conference and residential applications.



GM44L

4-ZONE ANALO
AUDIO MATRIX

| | |
|----------------|---|
| GENERAL | |
| Type | 4-Zone Analog Matrix |
| Input | 4x Line-In Stereo 3,5mm Jack 1x Aux-In Stereo 3,5mm Jack 1x Dry Contact In 3,5mm Jack 1x 24V DC Power In (Power supply not included) |
| Output | 4x Line Out Stereo 3,5mm Jack 5x Link Line Out 3,5mm Jack |
| Control | FRONT PANEL 4x Zone Input Selectors 4x Input Signal Monitoring LEDs |
| | TOP PANEL 4x Input Gain Trimmers 4x Output Bass Adjustment Trimmers 4x Output Treble Adjustment Trimmers |
| | BOTTOM PANEL 4x Aux-In Selection Dip Switch 1x Dry Contact Type Dip Switch (NC/NO) |

ACCESSORIES INCLUDED
4x 40cm/1,3ft 3,5mm Jack Patch Cable
1x Y Power Splitter Cable

ACCESSORIES AVAILABLE
G-RACKMINI2
K-AL120

Accessories



GH-BASE
Stacking Hardware
for Up To 2 GH412 / 8 GH12 Stainless Steel
Black Color



GH-FLY
Fly Bar
for GH12 / GH412 Stainless Steel
Black Color



GH12-CEILING
Ceiling Mount Bracket
for GH12 With Adjustable Angle Stainless Steel
Black Color



GH4-BRACKET1
Mic Stand / Pole Mount Bracket
for GH4 With Adjustable Angle Stainless Steel
Black Color



GP18-BASE
Ground Base
for GP18/GP18A Column With Phoenix Connector ABS / Steel
Black Color



GF-WALL
Wall Mount Bracket
for GF22 / GF82 / GH4 ABS / Steel
Black (GF-WALL) - White (GF-WALLW)



GH4-RECESSED
Flush Mount Box
for GH4 Stainless Steel
Black / White Color



G-AL120
Power Supply
for GF22A / GF42A / GF82A / GH4A /
GS6A 24V DC 120W 5A



GH4-FLY
Fly Bar
for GH4 Speakers Stainless Steel Black (GH4-FLY)
White (GH4-FLYW)



GH4-WALL
Array Wall Mount Bracket
for GH4-FLY Stainless Steel Black (GH4-WALL)
White (GH4-WALLW)



G-IPCAP1
IP Sealing cap
for GF22 / GF82 / GF42 / GF162 / GH4 Salt and Chlorine Resistant
Black Color



G-IPCAP2
IP Sealing cap
for GF82T / GF42T / GF162T Salt and Chlorine Resistant
Black Color



GH4-JOINT
Adjustable Hardware Kit
To Join GH4 Speakers Stainless
Black (GH4-JOINT) - White (GH4-JOINTW)



GH-JOINT
Adjustable Hardware Kit
To Join GH12 / GH412 Speakers 2 Lugs 8 Pins Stainless Steel
Black Color



G-RACK
Rackmount Panel
for up to 3 GA43/43L GA46/46L Stainless Steel
Black Color



G-RACKMINI
Rackmount Panel
for up to 6 GA201 or 3 GM44L Stainless Steel
Black Color

Accessories



GP-CASE3
Carry Hardcase
for Column Set GP18/A GP12/A ABS
Black Color W/ KGEAR Logo



GP8A-BAGS
Carry Bag + Cover Set
for GP8A w/ KGEAR Logo
Black Color



GS12-COVER
Soft Cover
for GS12 W / KGEAR Logo
Black Color



GS18-COVER
Soft Cover
for GS18 W / KGEAR Logo
Black Color



GS218-COVER
Soft Cover
for GS218 w/ KGEAR Logo
Black Color



GR8RNB
Round Grille for GC8 / GC8T / GC8S
Black Color



GR8RNW
Round Grille for GC8 / GC8T / GC8S
White Color



GR8SQB
Round Grille for GC8 / GC8T / GC8S
Black Color



GR8SQW
Round Grille for GC8 / GC8T / GC8S
White Color



GR6RNB
Round Grille for GC6 / GC6T
Black Color



GR6RNW
Round Grille for GC6 / GC6T
White Color



GR6SQB
Round Grille for GC6 / GC6T
Black Color



GR6SQW
Round Grille for GC6 / GC6T
White Color



GR5RNB
Round Grille for GC5 / GC5T
Black Color



GR5RNW
Round Grille for GC5 / GC5T
White Color



GR5SQB
Round Grille for GC5 / GC5T
Black Color



GR5SQW
Round Grille for GC5 / GC5T
White Color



GR3RNB
Round Grille for GC3 / GC3T
Black Color



GR3RNW
Round Grille for GC3 / GC3T
White Color

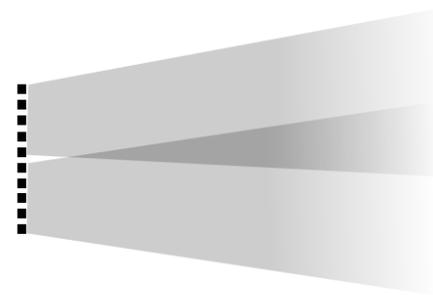


GR3SQB
Round Grille for GC3 / GC3T
Black Color



GR3SQW
Round Grille for GC3 / GC3T
White Color

Technology

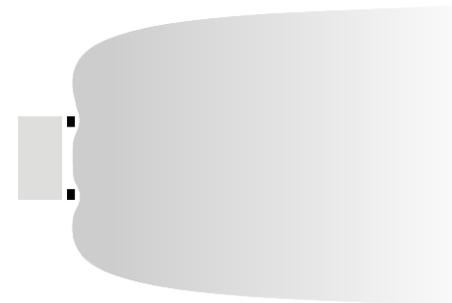


Composed of closely-spaced, full-range sound sources, all our line array elements feature our innovative **Pure Array Technology (PAT)**. With no drivers dedicated to the high frequencies, no bass reflex or passive radiators dedicated to the low end, there are no crossover points and a perfect phase response is achieved in both the near and far fields.

All the sound sources in the array are identical and perfectly coupled producing a true line array with benefit of having the sound beam radiated by the column very wide on the horizontal plane and very narrow on the vertical plane.

The amount of energy sent towards the ceiling and the floor is then minimized greatly improving the intelligibility in highly reverberant venues like houses of worship and conference rooms.

Furthermore, such a focused sound beam is able to cover a long distance uniformly. The audience located in front of the array and at the back of the venue will experience the same tonal balance without the need of several delay lines. With no horns and no waveguides, PAT columns can be joined to create longer arrays. The longer the array, the narrower the sound beam and the further the distance that can be covered uniformly.



Line array loudspeakers with **SAT (Slim Array Technology)** feature a hyper-cardioid dispersion pattern in the low-mid frequency range, in which conventional line array loudspeakers are practically omni-directional, contributing to better directivity and control.

Clarity in the low frequencies and extremely fast impulse response are the advantages of speakers with SAT. The combination of these two factors leads to a significantly better acoustic result compared to traditional line array systems, particularly in terms of sound definition and noise pollution outside of the designated audience area.

Additionally, the compact profile of the loudspeakers benefits the user due to its practicality when transporting it, the ease of assembly and in general, the minimalist arrangement that optimizes the use of space, time, and therefore, general costs. for the use of these systems.



43°57'00"N-11°22'59.88"E
AN AUTHENTIC PLACE



www.kgear.it

NOTE: (1) Maximum SPL is calculated using a signal with crest factor 4 (12dB) measured at 1 mt.

In accordance with its policy of continuous product development, KGEAR reserves the right to introduce any changes to its products without prior notice. Materials, colors and data presented in the catalog are only for reference. KGEAR is available to customize systems, finishes and new applications upon request.

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