

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.

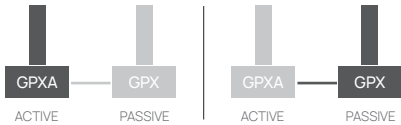
Thanks to its extreme performance and the compact format of the array, this system works in a stack configuration, with the array on top of the subwoofer. It is also possible to fly GH412 with our GH-FLY fly bar accessory, or place it on the ground with our GH-BASE accessory and extend the cluster with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



GP
GPX - GPXA
2x18" Subwoofer + 4x12" Slim Array System



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 Volume potentiometer, RJ45 connector, DSP can be remotely controlled via an Ethernet connection through Powersoft ArmoniaPlus Software
Controls		4-channel Class-D audio amplifier
	Amp Module	4x1500W @4Ω
Output Power		500W Rated Load (1/8 Max Output Power)
	Power Consumption	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
Protections		100-240V AC, 50-60 Hz
	Operating Range	

PHYSICAL OVERVIEW	Dimensions (WxHxD)	1035 x 2040 x 600 mm (40.75 x 80.31 x 23.6 in)
	Weight	116,6kg (257,06lbs)
Material		SUB: Birch plywood / TOP: Stainless steel
	Colors	Black
IP Rating		SUB: IP41 / TOP: IP54

GPX

PASSIVE

GENERAL	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 ⁽¹⁾	140 dB
Power handling		SUB: 1500W / TOP: 800W
	Coverage	V.25° - H.90°
Nominal Impedance		SUB: 4Ω / TOP: 8Ω
	Connectors	2x Speakon NL4

PHYSICAL OVERVIEW	Dimensions (WxHxD)	1035x2040x600 mm (40.75x80.31x23.6 in)
	Weight	115,6kg (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

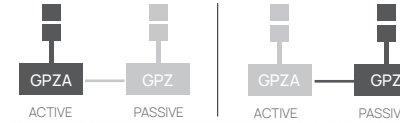
GPZ is a full-range system that includes a 2x18" subwoofer combined with two GH12, our 12" passive coaxial satellites featuring K-array™ SAT® (Slim Array Technology) and a stainless steel cabinet.

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	
Amp Module	Volume potentiometer, RJ45 connector, DSP can be remotely controlled via an Ethernet connection through Powersoft ArmoniaPlus Software
Output Power	4-channel Class-D audio amplifier
Power Consumption	4x1500W @4Ω
Protections	500W Rated Load (1/8 Max Output Power) 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

GENERAL	
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
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).

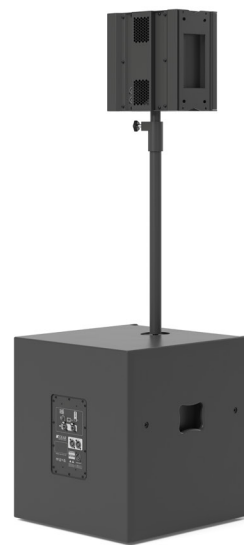
Utilizing a 4x1500W RMS amplifier and DSP platform by Powersoft™, the active system (GP1812A) can drive up to 3 GP1812 passive systems in a dual stereo setup and can be programmed and controlled via Ethernet with ArmoniaPlus™ control software.

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.



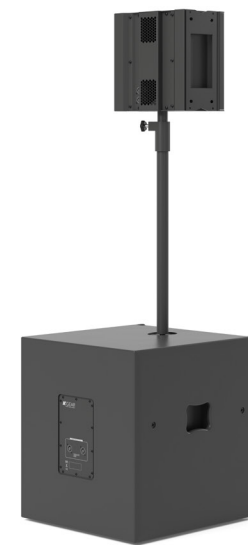
GP1812A

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	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

Passive 18" sub + 12" Array element
SUB: 18" / TOP: 12" coaxial 1" compression driver
30 Hz - 20 kHz (-6dB)
129 dB
SUB: 700W / TOP: 200W
V.30° - H.90°
SUB: 8Ω / TOP: 32Ω
2x Speakon NL4

545x1690(min)x600 mm (21.46x66.54x23.6 in)
51kg (106.27lbs)
SUB: Birch plywood / TOP: Stainless steel
Black
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

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	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

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

GP18

PASSIVE

Passive 18" sub + Column Speakers System	
SUB: 18" / TOP: 3 modules with 8x2" neodymium magnet drivers	
30 Hz - 20 kHz (-6dB)	
125 dB	
SUB: 700W / TOP: 350W	
V. 20° H. 140°	
SUB: 8Ω / TOP: 16 Ω	
2x Speakon NL4	
545x600x2230 mm (21.48x23.62x87.79 in)	
42kg (92.59lbs)	
SUB: Birch plywood / TOP: ABS	
Black	
SUB: IP43 / TOP: IP54	

ACCESSORIES INCLUDED

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

GP

GP12 - GP12A

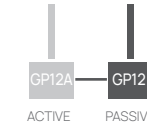
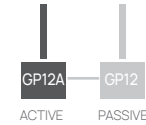
12" Sub + 16x2" Modular Column System

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	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

12" Subwoofer + 16x2" Modular Column System (Active)
SUB: 12" / TOP: 2 modules with 8x2" neodymium magnet drivers
45 Hz - 20 kHz (-6dB)
123 dB
TOP: 350W SUB: 600W
V. 25° H. 140°
SUB: 8Ω / TOP: 16 Ω
2x Speakon NL4

405x2080x430 mm (15.94x81.89x16.93 in)
19kg (41.88lbs)
SUB: Birch plywood / TOP: ABS
Black
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.



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⁾	113 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

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⁾	113 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

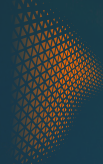
Capacity: 8000 mAh Li-Ion, non removable
Life: 7 hours of continuous playback at clip limit

GP

GP8A - GP8AB

Active PA Column System





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°
PHYSICAL OVERVIEW	Connectors	SpeakOn NL4 1+ 1- (signal); 2+ 2- (through)
	Nominal Impedance	8 Ω
	Dimensions (WxHxD)	327x1290x198 mm (12.87x50.79x7.79 in)
	Weight	55.2kg (121.69lbs)
AVAILABLE ACCESSORIES	Material	Stainless steel
	Colors	Black
	IP Rating	IP54
	GH-BASE:	Ground stacking hardware for up to 2 GH412 or 8 G12
	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°
PHYSICAL OVERVIEW	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)
AVAILABLE ACCESSORIES	Material	Stainless steel
	Colors	Black
	IP Rating	IP54
	GH-BASE:	Ground stacking hardware for up to 2 GH412 or 8 G12
	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.

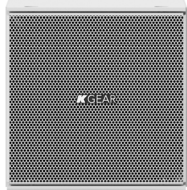
GH4 comes with the following ACCESSORIES:
GF-WALL Adjustable wall mount bracket



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)
Connectors	Coverage	V. 90° I 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

GENERAL	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)
Connectors	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)
Nominal Impedance		
-		
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)		

ACCESSORIES INCLUDED

GH4A / GH4
GF-WALL Adjustable wall mount bracket

ACCESSORIES AVAILABLE
View pag. 46



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.



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 I 400 W peak
Coverage	V. 7° I 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)

GF_{mark I}

GF162 - GF162T

Column Speaker

GF162T

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⁾	115 dB
Power handling	8/16/32/64W @100V 4/8/16/32W @70V
Coverage	V. 7° I H. 90°
Connectors	Phoenix connector (5-pin euroblock)
Nominal Impedance	-
PHYSICAL OVERVIEW	
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)

Dimensions (WxHxD)	60x590x72 mm (2.36x23.23x2.83 in)
Weight	2,2 kg (4.85 lb)
Material	ABS
Colors	Black - GF82T / White - GF82TW
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)

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



GF42

PASSIVE 4x2" LINE ARRAY
COLUMN SPEAKER

GENERAL	
Type	PASSIVE
Transducers	4x 2" 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)

GF42T

PASSIVE 4x2" LINE ARRAY
COLUMN SPEAKER

Type	PASSIVE
Transducers	4x 2" ferrite magnet woofer
Frequency Response ⁽¹⁾	160 Hz - 20 kHz (-6dB)
Max SPL ⁽²⁾	102 dB
Power handling	2/4/8/16W @100V - 1/2/4/8W @70V
Coverage	V. 25° H. 90°
Connectors	Phoenix connector (5-pin euroblock)*

Dimensions (WxHxD)	60 x 300 x 72 mm (2,36 x 11,81 x 2,83 in)
Weight	1,3 kg (2,87 lbs)
Material	ABS
Colors	Black - GF42T / White - GF42TW
IP56	

GF42A

ACTIVE 4x2" LINE ARRAY
COLUMN SPEAKER

Type	ACTIVE
Transducers	4x 2" 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)
	-
	Auto ON-OFF with selectable threshold

Dimensions (WxHxD)	60x300x72 mm (2.36x11.81x2.83 in)
Weight	0,8 kg (1,76 lbs)
Material	ABS
Colors	Black - GF42 / White - GF42W
IP56	(G-IPCAP1 accessory required)



GF_{mark I}
GF22 - GF22A
Column Speaker



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

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	Auto ON-OFF with selectable threshold
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!



GS
GS6 - GS6A
6" Subwoofer



GS6
PASSIVE

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.

KGEAR

GS

GS218

2 x 18" Passive Subwoofer



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

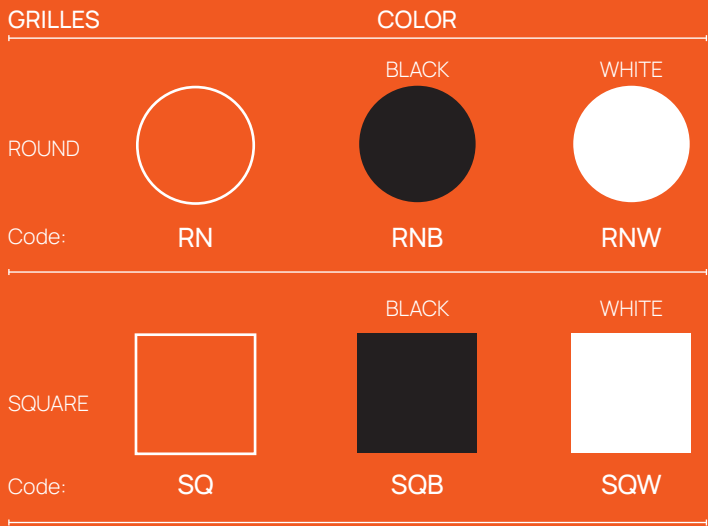
GENERAL	
Type	Passive subwoofer
Transducers	18" ferrite magnet woofer
Frequency Response ⁽¹⁾	35 Hz - 150 Hz (-6 dB)
Max SPL ⁽²⁾	132 dB
Rated Power	750 W 1500 W peak
Coverage	omni
Connectors	2x SpeakON NL4
Nominal Impedance	8 Ω
PHYSICAL OVERVIEW	
Dimensions (WxHxD)	545x610x600 mm (21.46x24.02x23.6 in)
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



GC8-RNB



GC8-SQB



GC8-RNW



GC8-SQW

GENERAL	
Rated Power	80W
Peak power	160W
Impedance	8 Ω
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



GC8T-RNB



GC8T-SQB



GC8T-RNW



GC8T-SQW

GENERAL	
Rated Power	80W
Peak power	160W
Nominal Power (@100V)	4/8/16/32W taps
Nominal Power (@70V)	2/4/8/16W taps
Impedance	8 Ω
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.



GC6

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



GC6-RNB



GC6-SQB



GC6-RNW



GC6-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



GC6T

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



GC6T-RNB



GC6T-SQB



GC6T-RNW



GC6T-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	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



GC5

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



GC5-RNB



GC5-SQB



GC5-RNW



GC5-SQW

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

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.



GC5T

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



GC5T-RNB



GC5T-SQB



GC5T-RNW



GC5T-SQW

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

GC5 I - GC5T I

5" ceiling / in-wall speakers

GC

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

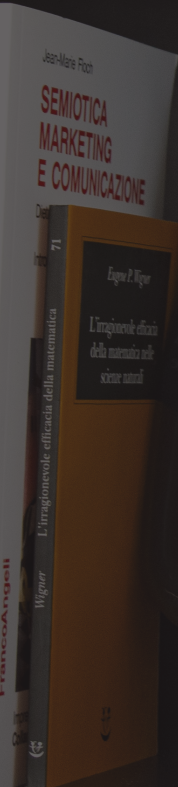
Our top of the line compact 2IN - 4OUT class D amplifiers featuring Powersoft™ power module and DSP. Delivering up to 1500W RMS (GA46) per channel at 4ohm, these amplifiers are a great solution for stereo or mono applications. Remotely programmable with Powersoft™ ArmoniaPlus software through Ethernet connection, GA46/43/41 have 4 selectable presets that can be adjusted to your needs and recalled by a physical button on the rear panel. Thanks to the modular design, up to 3 units of GA46/43/41 (totally 12 channels) fit into 2 rack units with G-RACK accessory.

GA46 is also able to drive 70V/100V distributed speaker lines without needing an additional transformer*. Designed for the most demanding applications for rental and permanent installations in touring and events, auditoriums, transportation facilities, houses of worship, stadiums, theme parks and clubs.

GA46L - GA43L - GA41L

GA - L amplifiers are a simplified 4 channel (4IN-4OUT) class D amplifier platform featuring Powersoft™ power module that delivers up to 1500W RMS per channel at 4 ohm (Ga46). Thanks to its modular design, up to 3 elements of GA46L/43L/41L (totally 12 channels) fit into 2 rack units with a dedicated accessory (G-RACK).

Designed for the most demanding applications for rental and permanent installations such as touring and events, auditoriums, transportation facilities, houses of worship, stadiums, theme parks and clubs.



GA46

4 x 1500W
POWER AMPLIFIER WITH DSP

GENERAL	
Type	4-Channel Class D
Output Power ⁽¹⁾	4x1500 W
Minimum Impedance	4Ω
Connections	2x Combo jack-XLR female line 1x RJ45
	2x SpeakOn 4 pole
Built-in DSP	Yes
Remote control	Yes, through Armonia software
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



GA43

4 x 750W
POWER AMPLIFIER WITH DSP

4-Channel Class D
4x750 W
4Ω
2x Combo jack-XLR female line
1x RJ45
2x SpeakOn 4 pole
Yes
Yes, through Armonia software
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
85-245 VAC

145x90x418 mm (5.7x3.54x16.5 in)
3,6 kg (7,94 lb)
Stainless steel
Black



GA41

4 x 150W
POWER AMPLIFIER WITH DSP

4-Channel Class D
4x150 W
4Ω
2x Combo jack-XLR female line
1x RJ45
2x SpeakOn 4 pole
Yes
Yes, through Armonia software
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
85-245 VAC

145x90x418 mm (5.7x3.54x16.5 in)
2,6 kg (5.7 lb)
Stainless steel
Black

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	2,6 kg (5,7 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

GA

GA201

AMPLIFIERS



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

GM

GM44L

AUDIO MATRIX



GM44L

4-ZONE ANALOG
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
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

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.



Accessories



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



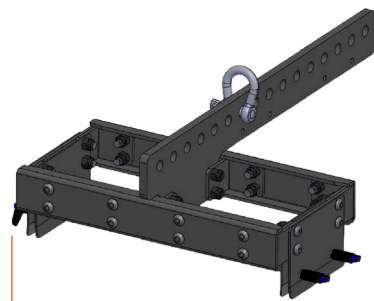
GP18-BASE
Ground Base
for GP18/GP18A/GP12/GP12A Column
With Phoenix Connector ABS / Steel
Black Color



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



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



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



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



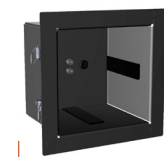
GH4-WALL
Array Wall Mount Bracket
for GH4-FLY Stainless Steel Black (GH4-WALL)
White (GH4-WALLW)



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



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



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



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



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

Accessories



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



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



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



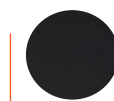
GS12-COVER
Soft Cover
for GS12 W / KGEAR Logo
Black Color



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



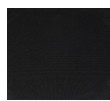
GS218-COVER
Soft Cover
for GS218 w/ KGEAR Logo
Black Color



GC8-GRNB
Round Grille for GC8 / GC8T / GC8S
Black Color



GC8-GRNW
Round Grille for GC8 / GC8T / GC8S
White Color



GC8-GSQB
Round Grille for GC8 / GC8T / GC8S
Black Color



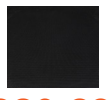
GC8-GSQW
Round Grille for GC8 / GC8T / GC8S
White Color



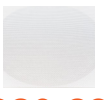
GC6-GRNB
Round Grille for GC6 / GC6T
Black Color



GC6-GRNW
Round Grille for GC6 / GC6T
White Color



GC6-GSQB
Round Grille for GC6 / GC6T
Black Color



GC6-GSQW
Round Grille for GC6 / GC6T
White Color



GC5-GRNB
Round Grille for GC5 / GC5T
Black Color



GC5-GRNW
Round Grille for GC5 / GC5T
White Color



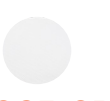
GC5-GSQB
Round Grille for GC5 / GC5T
Black Color



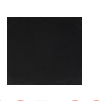
GC5-GSQW
Round Grille for GC5 / GC5T
White Color



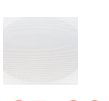
GC3-GRNB
Round Grille for GC3 / GC3T
Black Color



GC3-GRNW
Round Grille for GC3 / GC3T
White Color



GC3-GSQB
Round Grille for GC3 / GC3T
Black Color



GC3-GSQW
Round Grille for GC3 / GC3T
White Color

Technology



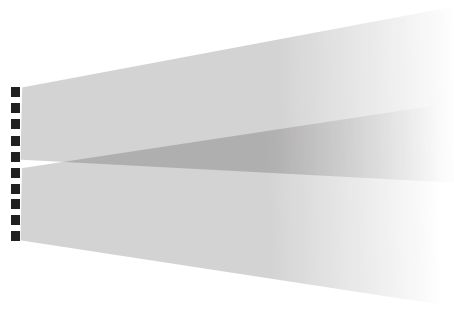
Pure
Array
Technology

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.

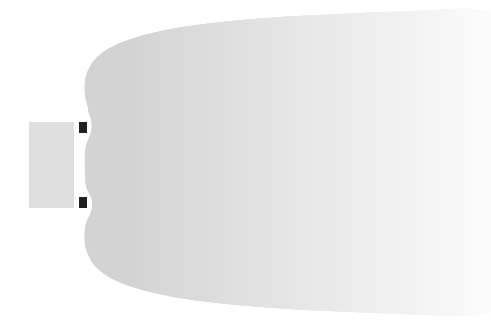


Slim
Array
Technology

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.

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Designed and Made in Italy

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