

# Product Collection

General Catalog - June 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.



**KGEAR**





# 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.

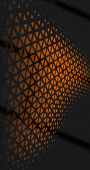
User Tip: optimize the cost and combine the active system with the passive model whether it is for stereo configurations or if need to extend the satellite cluster to form an array. The passive unit (GPX) comes with all the necessary cabling included.



KGEAR







# GP

GPZ - GPZA

2x18" Sub + 2x12" Slim Array System

SYSTEMS

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.

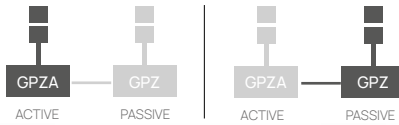
Thanks to the impressive overall performance and the very compact format of the satellites, this system is perfect for high performance applications both for rental and permanent installations for live events, auditoriums, stadia, clubs and pubs, theme parks.

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

SYSTEMS



## GPZA

ACTIVE

GENERAL	
Type	Powered 2x18" sub + 2x12" Slim Array Elements
Transducers	<b>SUB:</b> 2x18" / <b>TOP:</b> 2x12" coaxial with 1" compression driver ferrite magnet
Frequency Response	30Hz - 20KHz (-6dB average)
Max SPL <sup>(1)</sup>	137 dB
Rated Power	<b>SUB:</b> 3000 W / <b>TOP:</b> 800 W
Coverage	V.30° - H.90°
Nominal Impedance	<b>SUB:</b> 8Ω / <b>TOP:</b> 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 (RMS)	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	<b>SUB:</b> Birch plywood / <b>TOP:</b> Stainless steel
Colors	Black
IP Rating	<b>SUB:</b> IP41 / <b>TOP:</b> IP54

## GPZ

PASSIVE

Type	Passive 2x18" sub + 2x12" Slim Array Elements
Transducers	<b>SUB:</b> 2x18" / <b>TOP:</b> 2x12" coaxial with 1" compression driver ferrite magnet
Frequency Response	30Hz - 20KHz (-6dB average)
Max SPL	137 dB
Rated Power	<b>SUB:</b> 3000 W / <b>TOP:</b> 800 W
Coverage	V.30° - H.90°
Nominal Impedance	<b>SUB:</b> 8Ω / <b>TOP:</b> 16Ω
Connectors	2x Speakon NL4

Dimensions (WxHxD)	1035x2040x600 mm (40.75x80.31x23.6 in)
Weight	89kg (199,21lbs)
Material	<b>SUB:</b> Birch plywood / <b>TOP:</b> Stainless steel
Colors	Black
IP Rating	<b>SUB:</b> IP43 / <b>TOP:</b> 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.

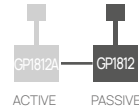
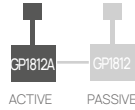
Designed for small to medium high performance outdoor/indoor applications both for rental and permanent installations for events, DJs and live bands, broadcasting, pubs and clubs.

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.



# GP

## GP1812 - GP1812A

### 18" Sub + 12" Slim Array System

SYSTEMS



## GP1812A

ACTIVE

<b>GENERAL</b>	
Type	Powered 18" sub + 12" Array element
Transducers	<b>SUB:</b> 18" / <b>TOP:</b> 12" coaxial 1" compression driver
Frequency Response	30 Hz - 20 kHz (-6dB)
Max SPL	129 dB
Rated Power	<b>SUB:</b> 1500 W / <b>TOP:</b> 400 W
Coverage	V.30° - H.90°
Nominal Impedance	<b>SUB:</b> 8Ω / <b>TOP:</b> 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 (RMS)	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
<b>PHYSICAL OVERVIEW</b>	
Dimensions (WxHxD)	545x1690 (min)x600 mm (21.46x66.54x23.6 in)
Weight	52kg (114,64lbs)
Material	<b>SUB:</b> Birch plywood / <b>TOP:</b> Stainless steel
Colors	Black
IP Rating	<b>SUB:</b> IP41 / <b>TOP:</b> IP54



## GP1812

PASSIVE

Type	Passive 18" sub + 12" Array element
Transducers	<b>SUB:</b> 18" / <b>TOP:</b> 12" coaxial 1" compression driver
Frequency Response	30 Hz - 20 kHz (-6dB)
Max SPL	129 dB
Rated Power	<b>SUB:</b> 1500 W / <b>TOP:</b> 400 W
Coverage	V.30° - H.90°
Nominal Impedance	<b>SUB:</b> 8Ω / <b>TOP:</b> 32Ω
Connectors	2x Speakon NL4
Dimensions (WxHxD)	545x1690 (min)x600 mm (21.46x66.54x23.6 in)
Weight	51kg (106,27lbs)
Material	<b>SUB:</b> Birch plywood / <b>TOP:</b> Stainless steel
Colors	Black
IP Rating	<b>SUB:</b> IP43 / <b>TOP:</b> 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.



# GP

## GP18 - GP18A

### 18" Sub + 24x2" Modular Column System

SYSTEMS



## GP18A

ACTIVE

<b>GENERAL</b>	
Type	Powered 18" sub + Column Speakers System
Transducers	<b>SUB:</b> 18" / <b>TOP:</b> 3 modules with 8x2" neodymium magnet drivers
Frequency Response	30 Hz - 20 kHz (-6dB)
Max SPL	125 dB
Rated Power	<b>SUB:</b> 1500 W / <b>TOP:</b> 700 W
Coverage	V. 20°   H. 140°
Nominal Impedance	<b>SUB:</b> 8Ω / <b>TOP:</b> 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 (RMS)	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	<b>SUB:</b> Birch plywood / <b>TOP:</b> ABS
Colors	Black
IP Rating	<b>SUB:</b> IP41 / <b>TOP:</b> IP54



## GP18

PASSIVE

	Passive 18" sub + Column Speakers System
	<b>SUB:</b> 18" / <b>TOP:</b> 3 modules with 8x2" neodymium magnet drivers
	30 Hz - 20 kHz (-6dB)
	125 dB
	<b>SUB:</b> 1500 W / <b>TOP:</b> 700 W
	V. 20°   H. 140°
	<b>SUB:</b> 8Ω / <b>TOP:</b> 16 Ω
	2x Speakon NL4

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

### ACCESSORIES INCLUDED

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



# GP

## GP12 - GP12A

### 12" Sub + 16x2" Modular Column System

SYSTEMS

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

SYSTEMS



## GP12A

ACTIVE

<b>GENERAL</b>	
Type	12" Subwoofer + 16x2" Modular Column System (Active)
Transducers	<b>SUB:</b> 12" / <b>TOP:</b> 2 modules with 8x2" neodymium magnet drivers
Frequency Response	45 Hz - 20 kHz (-6dB)
Max SPL	123 dB
Rated Power	<b>SUB:</b> 1200 W / <b>TOP:</b> 700 W
Coverage	V. 25°   H. 140°
Nominal Impedance	<b>SUB:</b> 4Ω / <b>TOP:</b> 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 (RMS)	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	<b>SUB:</b> Birch plywood / <b>TOP:</b> ABS
Colors	Black
IP Rating	<b>SUB:</b> IP41 / <b>TOP:</b> IP54



## GP12

PASSIVE

	12" Subwoofer + 16x2" Modular Column System (Active)
	<b>SUB:</b> 12" / <b>TOP:</b> 2 modules with 8x2" neodymium magnet drivers
	45 Hz - 20 kHz (-6dB)
	123 dB
	<b>SUB:</b> 1200 W / <b>TOP:</b> 700 W
	V. 25°   H. 140°
	<b>SUB:</b> 4Ω / <b>TOP:</b> 16 Ω
	2x Speakon NL4

Dimensions (WxHxD)	405x2080x430 mm (15.94x81.89x16.93 in)
Weight	19kg (41,88lbs)
Material	<b>SUB:</b> Birch plywood / <b>TOP:</b> ABS
Colors	Black
IP Rating	<b>SUB:</b> IP43 / <b>TOP:</b> IP54

### ACCESSORIES INCLUDED

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



# GP

## GP8AB

### Battery Powered PA Column System

SYSTEMS

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

SYSTEMS



## GP8A

ACTIVE

<b>GENERAL</b>	
Type	Powered 8" sub + Column Speakers System
Transducers	<b>SUB:</b> 8" / <b>TOP:</b> 4x 2.5" ferrite magnet woofers
Frequency Response	45 Hz - 16 kHz (-6dB)
Max SPL <sup>(1)</sup>	113 dB
Rated Power	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
<b>PHYSICAL OVERVIEW</b>	
Dimensions (WxHxD)	317x1863x400 mm (12.5x73.3x15.7 in)
Weight	14,5 kg (31,97 lb)
Material	ABS
Colors	Black
IP Rating	<b>SUB:</b> IP41 / <b>TOP:</b> IP54

## GP8AB

BATTERY POWERED

	Powered 8" sub + Column Speakers System
	<b>SUB:</b> 8" / <b>TOP:</b> 4x 2.5" ferrite magnet woofers
	45 Hz - 16 kHz (-6dB)
	113 dB
	200W
	V. 40°   H. 100°
	-
	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
	Master level control, Analog unbalanced input level control, Analog balanced input level control, Mic input effect control, Subwoofer level control, Mp3 player controls
	2-channel Class-D audio amplifier
	200W
	70W (peak)
	Output short protection, DC Offset, Over Temperature, Under Voltage Over Voltage
	100-240V AC, 50-60 Hz
	317x1863x400 mm (12.5x73.3x15.7 in)
	14,5 kg (31,97 lb)
	ABS
	Black
	<b>SUB:</b> IP41 / <b>TOP:</b> 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

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 <sup>(1)</sup>	125 Hz - 20 kHz (-6dB)
Max SPL <sup>(2)</sup>	140 dB (peak)
Rated Power	1600 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 GH12 or GH12 / GH412

## GH12

12"

Passive loudspeaker

12" ferrite magnet woofer | 1" compression driver

125 Hz - 20 kHz (-6dB)

129 dB (peak)

400 W

V. 30° | H. 90°

SpeakOn NL4 1+ 1- (signal); 2+ 2- (through)

32 Ω

327x334x198 mm (12.87x13.15x7.79 in)

13,8kg (30,43lbs)

Stainless steel

Black

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 GH12 or 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  $\Omega$  - 16  $\Omega$ ).

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

SPEAKERS



### GH4

PASSIVE

<b>GENERAL</b>	
Type	Passive loudspeaker
Transducers	4" neodymium magnet full-range driver
Frequency Response <sup>(1)</sup>	150 Hz - 20 kHz (-6dB)
Max SPL <sup>(2)</sup>	122 dB
Rated Power	140 W
Coverage	V. 90° I H. 90°
Connectors	Phoenix connector (4-pin euroblock)
Amp Module	-
Output Power	-
Power Consumption	-
Protections	-
Operating Range	-
Mains Connector	-
Nominal Impedance	4 Ω - 16 Ω selectable
<b>PHYSICAL OVERVIEW</b>	
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 <sup>(1)</sup>	150 Hz - 20 kHz (-6dB)
Max SPL <sup>(2)</sup>	116 dB
Rated Power	140 W
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)
Amp Module	1-channel Class-D audio amplifier
Output Power	100W @ 2Ω (24V power)
Power Consumption	30W Rated Load 1/8 Max Power
Protections	Thermal Protections (Power limiting - Thermal Shutdown), Short-circuit/overload output protections
Operating Range	12-24 V DC
Mains Connector	4PIN Euroblock, Phoenix 1,5/ 4-ST-3,81 compatible
Nominal Impedance	4 Ω
<b>PHYSICAL OVERVIEW</b>	
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

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# GF mark I

GF22 - GF42 - GF82 - GF162

Column Speaker

## SPEAKERS

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



SPEAKERS



## GF162

**PASSIVE 16x2" LINE ARRAY  
 COLUMN SPEAKER**

### GENERAL

Type	PASSIVE
Transducers	16x2" ferrite magnet woofer
Frequency Response <sup>(1)</sup>	135 Hz - 20 kHz (-6dB)
Max SPL <sup>(2)</sup>	123 dB
Rated Power	400 W
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 - <b>GF162</b> / White - <b>GF162W</b>
IP Rating	IP56 (G-IPCAP1 accessory required)

## GF162T

**PASSIVE 16x2" LINE ARRAY  
 COLUMN SPEAKER**

### GENERAL

Type	PASSIVE
Transducers	16x2" ferrite magnet woofer
Frequency Response	135 Hz - 20 kHz (-6dB)
Max SPL	115 dB
Rated Power	8/16/32/64 W @100V 4/8/16/32 W @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 - <b>GF162T</b> / White - <b>GF162TW</b>
IP Rating	IP56 (G-IPCAP2 accessory required)



# GF<sub>mark I</sub>

## GF82 - GF82T - GF82A

### Column Speaker

SPEAKERS



## GF82

**PASSIVE 8x2" LINE ARRAY  
COLUMN SPEAKER**

<b>GENERAL</b>	
Type	PASSIVE
Transducers	8x2" ferrite magnet woofer
Frequency Response <sup>(1)</sup>	150 Hz - 20 kHz (-6dB)
Max SPL <sup>(2)</sup>	119 dB
Rated Power	200 W
Coverage	V. 15°   H. 90°
Connectors	Phoenix connector (4-pin euroblock)
Amp Module	-
Output Power	-
Power Consumption	-
Protections	-
Operating Range	-
Mains Connector	-
Nominal Impedance	16 Ω - 64 Ω selectable
<b>PHYSICAL OVERVIEW</b>	
Dimensions (WxHxD)	60x590x72 mm (2.36x23.23x2.83 in)
Weight	1,6 kg (3.53 lb)
Material	ABS
Colors	Black - <b>GF82</b> / White - <b>GF82W</b>
IP Rating	IP56 (G-IPCAP1 accessory required)

## GF82T

**PASSIVE 8x2" LINE ARRAY  
COLUMN SPEAKER**

<b>GENERAL</b>	
Type	PASSIVE
Transducers	8x2" ferrite magnet woofer
Frequency Response <sup>(1)</sup>	150 Hz - 20 kHz (-6dB)
Max SPL <sup>(2)</sup>	109 dB
Rated Power	4/8/16/32 W @100V / 2/4/8/16 W @70V
Coverage	V. 15°   H. 90°
Connectors	Phoenix connector (5-pin euroblock)
Amp Module	-
Output Power	-
Power Consumption	-
Protections	-
Operating Range	-
Mains Connector	-
Nominal Impedance	-
<b>PHYSICAL OVERVIEW</b>	
Dimensions (WxHxD)	60x590x72 mm (2.36x23.23x2.83 in)
Weight	2,2 kg (4.85 lb)
Material	ABS
Colors	Black - <b>GF82T</b> / White - <b>GF82TW</b>
IP Rating	IP56 (G-IPCAP2 accessory required)

## GF82A

**ACTIVE 8x2" LINE ARRAY  
COLUMN SPEAKER**

<b>GENERAL</b>	
Type	ACTIVE
Transducers	8x2" ferrite magnet woofer
Frequency Response <sup>(1)</sup>	150 Hz - 20 kHz (-6dB)
Max SPL <sup>(2)</sup>	105 dB
Rated Power	200W
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)
Amp Module	1-channel Class-D audio amplifier
Output Power	100W @ 2Ω (24V power)
Power Consumption	30W Rated Load 1/8 Max Power
Protections	Thermal Protections (Power limiting - Thermal Shutdown), Short-circuit/overload output protections
Operating Range	12-24 V DC
Mains Connector	4PIN Euroblock, Phoenix 1,5/ 4-ST-3,81 compatible
Nominal Impedance	16 Ω
<b>PHYSICAL OVERVIEW</b>	
Dimensions (WxHxD)	60x590x72 mm (2.36x23.23x2.83 in)
Weight	1,6 kg (3.53 lb)
Material	ABS
Colors	Black - <b>GF82A</b> / White - <b>GF82AW</b>
IP Rating	IP56 (G-IPCAP1 accessory required)





## GF42

**PASSIVE 4x2" LINE ARRAY  
 COLUMN SPEAKER**

<b>GENERAL</b>	
Type	PASSIVE
Transducers	4x 2" ferrite magnet woofer
Frequency Response <sup>(1)</sup>	160 Hz - 20 kHz (-6dB)
Max SPL <sup>(2)</sup>	111 dB
Rated Power	100 W
Coverage	V. 25°   H. 90°
Connectors	Phoenix connector (4-pin euroblock)
Amp Module	-
Output Power	-
Power Consumption	-
Protections	-
Operating Range	-
Mains Connector	-
Nominal Impedance	8 Ω - 32 Ω selectable
<b>PHYSICAL OVERVIEW</b>	
Dimensions (WxHxD)	60x300x72 mm (2.36x11.81x2.83 in)
Weight	0,8 kg (1,76 lbs)
Material	ABS
Colors	Black - <b>GF42</b> / White - <b>GF42W</b>
IP Rating	IP56 (G-IPCAP1 accessory required)

## GF42T

**PASSIVE 4x2" LINE ARRAY  
 COLUMN SPEAKER**

<b>GENERAL</b>	
Type	PASSIVE
Transducers	4x 2" ferrite magnet woofer
Frequency Response <sup>(1)</sup>	160 Hz - 20 kHz (-6dB)
Max SPL <sup>(2)</sup>	102 dB
Rated Power	2/4/8/16 W @100V - 1/2/4/8 W @70V
Coverage	V. 25°   H. 90°
Connectors	Phoenix connector (5-pin euroblock)*
Amp Module	-
Output Power	-
Power Consumption	-
Protections	-
Operating Range	-
Mains Connector	-
Nominal Impedance	-
<b>PHYSICAL OVERVIEW</b>	
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 - <b>GF42T</b> / White - <b>GF42TW</b>
IP Rating	IP56

## GF42A

**ACTIVE 4x2" LINE ARRAY  
 COLUMN SPEAKER**

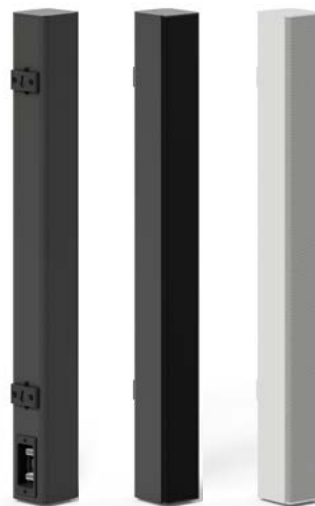
<b>GENERAL</b>	
Type	ACTIVE
Transducers	4x 2" ferrite magnet woofer
Frequency Response <sup>(1)</sup>	160 Hz - 20 kHz (-6dB)
Max SPL <sup>(2)</sup>	105 dB
Rated Power	100W
Coverage	V. 25°   H. 90°
Connectors	2x Phoenix connector (4-pin euroblock) Balanced Line in Mute contact Power out 24V DC IN (power supply not included)
Amp Module	1-channel Class-D audio amplifier
Output Power	100W @ 2Ω (24V power)
Power Consumption	30W Rated Load 1/8 Max Power
Protections	Thermal Protections (Power limiting - Thermal Shutdown), Short-circuit/overload output protections
Operating Range	12-24 V DC
Mains Connector	4PIN Euroblock, Phoenix 1,5/ 4-ST-3,81 compatible
Nominal Impedance	8 Ω
<b>PHYSICAL OVERVIEW</b>	
Dimensions (WxHxD)	60x300x72 mm (2.36x11.81x2.83 in)
Weight	0,8 kg (1,76 lbs)
Material	ABS
Colors	Black - <b>GF42</b> / White - <b>GF42W</b>
IP Rating	IP56 (G-IPCAP1 accessory required)



## GF22

**PASSIVE 2x2" FULL RANGE  
POINT SOURCE**

GENERAL	
Type	PASSIVE
Transducers	2x2" ferrite magnet woofer
Frequency Response <sup>(1)</sup>	90 Hz - 20 kHz (-6dB)
Max SPL <sup>(2)</sup>	108 dB
Rated Power	50 W
Coverage	V. 90°   H. 90°
Connectors	Phoenix connector with speaker relaunch (4-pin euroblock)
Amp Module	-
Output Power	-
Power Consumption	-
Protections	-
Operating Range	-
Mains Connector	-
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	90 Hz - 20 kHz (-6dB)
Max SPL	103 dB
Rated Power	50 W
Coverage	V. 90°   H. 90°
Connectors	2x Phoenix connector (4-pin euroblock) Balanced Line in Mute contact Power out
Amp Module	24V DC IN (power supply not included)
Output Power	1-channel Class-D audio amplifier
Power Consumption	100W @ 2Ω (24V power)
Protections	30W Rated Load 1/8 Max Power
Operating Range	Thermal Protections (Power limiting - Thermal Shutdown), Short-circuit/overload output protections
Mains Connector	12-24 V DC
Nominal Impedance	4PIN Euroblock, Phoenix 1,5/ 4-ST-3,81 compatible
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



SUBWOOFERS



## GS6

PASSIVE

## GS6A

ACTIVE

### GENERAL

Type	<b>GS6</b> Passive subwoofer <b>GS6A</b> Active subwoofer
Transducers	6" woofer ferrite magnet
Frequency Response <sup>(1)</sup>	55Hz - 140Hz (-6dB average)
Max SPL <sup>(2)</sup>	108 dB
Rated Power	60 W
Coverage	omni
Connectors	<b>GS6</b> Phoenix connector with speaker relaunch (4-pin euroblock) <b>GS6A</b> 2x Phoenix connector (4-pin euroblock) Balanced Line in, Mute contact, Power out, 24V DC IN (power supply not included)
Amp Module	<b>GS6A</b> 1-channel Class-D audio amplifier
Output Power	<b>GS6A</b> 100W @ 2Ω (24V power)
Power Consumption	<b>GS6A</b> 30W Rated Load 1/8 Max Power
Protections	<b>GS6A</b> Thermal Protections (Power limiting - Thermal Shutdown), Short-circuit/overload output protections
Operating Range	<b>GS6A</b> 12-24 V DC
Mains Connector	<b>GS6A</b> 4PIN Euroblock, Phoenix 1,5/ 4-ST-3,81 compatible
Nominal Impedance	<b>GS6/GS6A</b> 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" Subwoofer

This heavy duty 2x18" 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" Subwoofer

High performance 18" 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" Subwoofer

GS12 is a compact but highly performing 12" 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

**K**GEAR



# GS

## GS218

2 x 18" Subwoofer



SUBWOOFERS



## GS218

2 x 18" PASSIVE SUBWOOFER

### GENERAL

Type	Passive subwoofer
Transducers	2x18" ferrite magnet woofer
Frequency Response <sup>(1)</sup>	30 Hz - 150 Hz (-6 dB)
Max SPL <sup>(2)</sup>	138 dB
Rated Power	3000 W
Coverage	omni
Connectors	2x SpeakON NL4
Amp Module	4 Ω
Output Power	-
Power Consumption	-
Protections	-

Operating Range	-
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

## GS218A

2 x 18" ACTIVE SUBWOOFER

Type	Passive subwoofer
Transducers	2x18" ferrite magnet woofer
Frequency Response <sup>(1)</sup>	30 Hz - 150 Hz (-6 dB)
Max SPL <sup>(2)</sup>	138 dB
Rated Power	3000 W
Coverage	omni
Connectors	2x Combo jack-XLR female - 1x RJ45 - 1x SpeakON
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
Nominal Impedance	4 Ω

Dimensions (WxHxD)	1035x614x600 mm (40.75x24.17x23.6 in)
Weight	59 kg (130 lbs)
Material	Birch Plywood
Colors	Black
IP Rating	IP41



# GS

## GS18

Subwoofer

SUBWOOFERS



## GS18

18" PASSIVE SUBWOOFER

### GENERAL

Type	Passive subwoofer
Transducers	18" ferrite magnet woofer
Frequency Response <sup>(1)</sup>	35 Hz - 150 Hz (-6 dB)
Max SPL <sup>(2)</sup>	132 dB
Rated Power	1500 W
Coverage	omni
Connectors	2x SpeakON NL4
Amp Module	-
Output Power	-
Power Consumption	-
Protections	-

Operating Range	-
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

## GS18A

18" ACTIVE SUBWOOFER

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

Dimensions (WxHxD)	545x610x600 mm (21.46x24.02x23.6 in)
Weight	35,4 kg (76,37 lbs)
Material	Birch Plywood
Colors	Black
IP Rating	IP41





## GS12

12" PASSIVE SUBWOOFER

### GENERAL

Type	Passive subwoofer
Transducers	12" ferrite magnet woofer
Frequency Response <sup>(1)</sup>	37Hz - 150Hz (-6dB)
Max SPL <sup>(2)</sup>	122 dB
Rated Power	1200 W
Coverage	omni
Connectors	2x SpeakON NL4
Amp Module	-
Output Power	-
Power Consumption	-
Protections	-

Operating Range	-
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

## GS12A

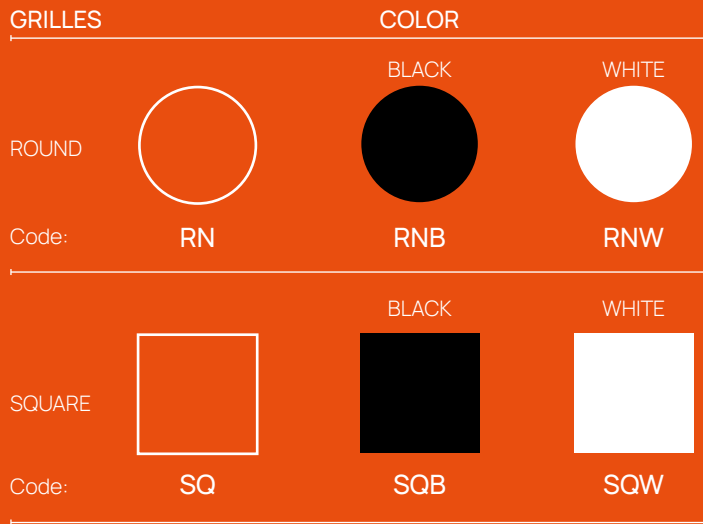
12" ACTIVE SUBWOOFER

Type	Passive subwoofer
Transducers	12" ferrite magnet woofer
Frequency Response <sup>(1)</sup>	37Hz - 150Hz (-6dB)
Max SPL <sup>(2)</sup>	122 dB
Rated Power	1200 W
Coverage	omni
Connectors	2x SpeakON NL4
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
Nominal Impedance	4 Ω

Dimensions (WxHxD)	410x445x430 mm (16.1x17.5x17 in)
Weight	20 kg (44,09 lbs)
Material	Birch Plywood
Colors	Black
IP Rating	IP41

**GC**  
MARK I

RECESSED SPEAKERS



**GC****GC8 - GC8T**

8" ceiling / in-wall speakers



RECESSED SPEAKERS

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	160 W
Impedance	8Ω
Frequency Range:	50Hz - 20KHz (-3dB average)
Maximum SPL <sup>(1)</sup>	112dB
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	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 <sup>(1)</sup>	112dB
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 <sup>(1)</sup>	60 Hz - 20 kHz (-10dB)
Max SPL <sup>(2)</sup>	110 dB
Rated Power	120 W
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 <sup>(1)</sup>	60 Hz - 20 kHz (-10dB)
Max SPL <sup>(2)</sup>	110 dB
Rated Power	4/8/16/32 W @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

# GC

## GC5 I - GC5T I

### 5" ceiling / in-wall speakers



RECESSED SPEAKERS

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.



## 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 <sup>(1)</sup>	70 Hz - 20 kHz (-10dB)
Max SPL <sup>(2)</sup>	109 dB
Rated Power	80 W
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



## 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 <sup>(1)</sup>	70 Hz - 20 kHz (-10dB)
Max SPL <sup>(2)</sup>	109 dB
Rated Power	2/4/8/16 W @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 <sup>(1)</sup>	120 Hz - 20 kHz (-10dB)
Max SPL <sup>(2)</sup>	106 dB
Rated Power	40 W
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	160W
Impedance:	8Ω
Frequency Range	45Hz - 250Hz (-3dB average) built-in low-pass filter
Maximum SPL <sup>(1)</sup>	110dB
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.

WALL SPEAKERS



**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 <sup>(1)</sup>	50 Hz - 20 kHz (-6dB)
Max SPL <sup>(2)</sup>	115 dB
Rated Power	160 W @8 Ω / 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 - <b>GG6</b> / White - <b>GG6W</b>
IP Rating	IP56

# GA

GA46 - GA43 - GA41

## AMPLIFIERS

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

<b>GENERAL</b>	
Type	4-Channel Class D
Output Power <sup>(1)</sup>	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
<b>PHYSICAL OVERVIEW</b>	
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

Type	4-Channel Class D
Output Power	4x750 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

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

## GA41

4 x 150W  
POWER AMPLIFIER WITH DSP

Type	4-Channel Class D
Output Power	4x150 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

Dimensions (WxHxD)	145x90x418 mm (5.7x3.54x16.5 in)
Weight	2,6 kg (5,7 lb)
Material	Stainless steel
Colors	Black





# GA

GA46L - GA43L - GA41L

AMPLIFIERS



## GA46L

4 x 1500W  
POWER AMPLIFIER

<b>GENERAL</b>	
Type	4-Channel Class D
Output Power <sup>(1)</sup>	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
<b>PHYSICAL OVERVIEW</b>	
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

Type	4-Channel Class D
Output Power	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
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

Type	4-Channel Class D
Output Power	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
Dimensions (WxHxD)	145x90x418 mm (5.7x3.54x16.5 in)
Weight	2,6 kg (5,7 lb)
Material	Stainless steel
Colors	Black

**GA**  
GA201



AMPLIFIERS

**GM**  
GM44L



AUDIO MATRIX



## GA201

2 x 125W  
POWER AMPLIFIER

### GENERAL

Type	2-Channel Class-D
Output Power <sup>(1)</sup>	2x125 W
Minimum Impedance	2Ω
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



## 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

# 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



## GP18-BASE

Ground Base  
for GP18/GP18A/GP12/GP12A 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)



## GH-JOINT

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



## 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)



## GH4-BRACKET1

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



## GH4-JOINT

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



## GH4-RECESSED

Flush Mount Box  
for GH4  
Stainless Steel  
Black / White Color



## G-CLAMP1

Clamp bracket  
for GH4  
with M4 screw



# Accessories



## 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



## G-AL120

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



## G-RACKMINI

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



## G-RACKMINI2

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



## G-RACK

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



## GP-CASE3

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



## 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



# Accessories



## 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



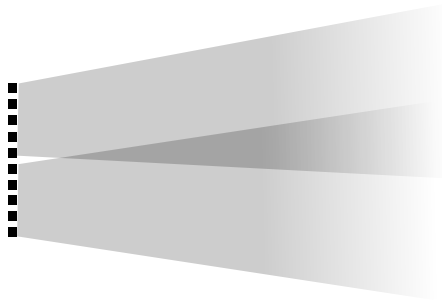
## GC3-GSQB

Round Grille  
for GC3 / GC3T  
Black Color



## GC3-GSQW

Round Grille  
for GC3 / GC3T  
White Color



## 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](http://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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