GP8A is an active column loudspeaker system designed for indoor and outdoor applications.

The base of the GP8A system comprises the I/O mixer with Bluetooth, USB/SDcard audio player and the power amplifier driving a 8" subwoofer and 4x 2.5" tweeters in line array configuration, featuring the PAT® technology by K-array™.

A secondary GP8A system can be connected wirelessly via the Bluetooth 4.2 TWS (True Wireless Stereo) making the configuration a perfect stereo system.

GP8 is a passive column loudspeakers system to be driven by an external power audio amplifier such as the KGEAR GA201.

GP8AB is an active column loudspeakers system operated by a 8000mAh battery for up to 9-Hour playtime.

Thank you for choosing KGEAR!

To ensure proper operation, please carefully read this owner's manual and safety instruction before using the product.

After reading this manual, be sure to keep it for future reference.

Should you have any questions about your new device please contact K-array customer service at info@kgear.it or contact the local distributor in your country.

KGEAR GP8AB
• 1x 4x2.5" modular column loudspeaker
• 2x modular column spacers
• 1x 8" active subwoofer
• 1x Power cord

On GP8A and GP8AB only.
The power connector may vary according to local regulatories.
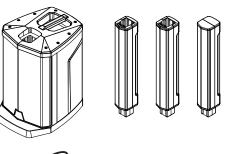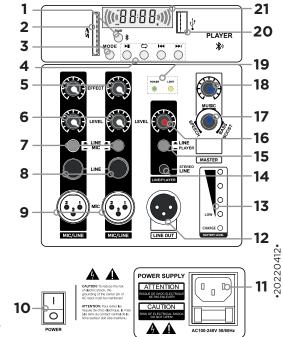
Unpacking
Each KGEAR device is inspected before leaving the factory. Upon arrival, carefully inspect the shipping carton, then examine and test your new device. If you find any damage, immediately notify the shipping company. Check that the following parts are supplied with the product:

KGEAR GP8A
• 1x 4x2.5" modular column loudspeaker
• 2x modular column spacers
• 1x 8" active subwoofer
• 1x Power cord

KGEAR GP8
• 1x 4x2.5" modular column loudspeaker
• 2x modular column spacers
• 1x 8" passive subwoofer

GP8A / GP8AB Rear Panel
1. Bluetooth® pairing mode button
2. SD card reader
3. MODE button: select the sound source for the built-in media player
4. Playback controls for the built-in media player
5. Knob for adjusting the reverb effect on the input signal of channels 1 and 2
6. Knob for adjusting the input signal volume of channels 1 and 2
7. Toggle switch for selecting the input connector (Line/Mic) for channels 1 and 2
8. 6,35mm (¼ in) jack line input for channels 1 and 2
9. XLR microphone input for channels 1 and 2
10. MAINS power switch
11. IEC MAINS power inlet
12. XLR line out connector

13. Battery charge indicator (GP8AB only)
14. 3,5mm mini jack stereo line input
15. Toggle switch for selecting the sound source between the built in audio player and the stereo line input
16. Knob for adjusting the stereo line input volume
17. Knob for adjusting the volume of the bass
18. Knob for adjusting the overall volume
19. LED indicators
20. USB port
21. Display of the built-in media player

•20220412•

POWER SUPPLY
ATTENTION
AC100-240V 50/60Hz

KGEAR
Smart Audio Solutions

IMPORTANT SAFETY INSTRUCTIONS

CAUTION
RISK OF ELECTRIC SHOCK
DO NOT OPEN

ATTENTION: RISQUE DE CHOC ELECTRIQUE NE PAS OUVRIR

CAUTION: TO REDUCE THE RISK OF ELECTRIC SHOCK, DO NOT REMOVE COVER (OR BACK). NO USER-SERVICEABLE PARS INSIDE. REFER SERVICING TO QUALIFIED SERVICE PERSONNEL.

This symbol alerts the user to the presence of recommendations about the product's use and maintenance.

The lighting flash with arrowhead symbol within an equilateral triangle is intended to alert the user to the presence of uninsulated, dangerous voltage within the product enclosure that may be of magnitude to constitute a risk of electrical shock.

The exclamation point within an equilateral triangle is intended to alert the user to the presence of important operating and maintenance (servicing) instructions in this guide.

Operator's manual; operating instructions This symbol identifies the operator's manual that relates to the operating instructions and indicates that the operating instructions should be considered when operating the device or control close to where the symbol is placed.

For indoor use only This electrical equipment is designed primarily for indoor use.

WEEE Please dispose of this product at the end of its operational lifetime by bringing it to your local collection point or recycling center for such equipment.

This device complies with Restriction of Hazardous Substances Directive.

Warning. Failure to follow these safety instructions could result in fire, shock or other injury or damage to the device or other property.

General heed and warnings

- Read these instructions.
- Keep these instructions.
- Heed all warnings.
- Follow all instructions.
- Do not use this apparatus near water.
- Clean only with dry cloth.
- Do not block any ventilation openings. Install in accordance with the manufacturer's instructions.
- Do not install near any heat sources such as radiators, heat registers, stoves, or other apparatus (including amplifiers) that produce heat
- Do not defeat the safety purpose of the polarized or grounding plug. A polarized plug has two blades with one wider than the other. A grounding plug has two blades and a third grounding prong. The wide blade or the third prong is provided for your safety. If the provided plug does not fit into your outlet, consult an electrician for replacement of the obsolete outlet.
- Only use attachments/accessories specified by the manufacturer.
- Protect the power cord from being walked on or pinched particularly at the plugs, convenience receptacles, and at the point where they exit from the apparatus.
- Clean the product only with a soft and dry fabric. Never use liquid cleaning products, as this may damage the products cosmetic surfaces.
- Use only with the cart, stand, tripod, bracket, or table specified by the manufacturer, or sold with the apparatus. When a cart is used, use caution when moving the cart/ apparatus combination to avoid injury from tip-over.
- Unplug this apparatus during lightning storms or when unused for long periods of time.
- Avoid placing the product in a location under direct sunlight or near any appliance that generates UV (Ultra Violet) light, as this may change the product surface finishing and cause a change in color.
- Refer all servicing to qualified service personnel. Servicing is required when the apparatus has been damaged in any way, such as power-supply cord or plug is damaged, liquid has been spilled or objects have fallen into the apparatus, the apparatus has been exposed to rain or moisture, does not operate normally, or has been dropped.

These apparatus are intended for professional use.

Installation and commissioning may only be carried out by qualified and authorized personnel.

- **CAUTION**: These servicing instructions are for use by qualified service personnel only. To reduce the risk of electric shock, do not perform any servicing other than that contained in the operating instructions unless you are qualified to do so.
- **WARNING**: Only use attachments/accessories specified or provided by the manufacturer (such as the exclusive supply adapter, battery, etc.)
- Before turning the power on or off for all devices, set all volume levels to minimum.
- Use only speaker cables for connecting speakers to the speaker terminals. Be sure to observe the amplifier's rated load impedance particularly when connecting speakers in parallel. Connecting an impedance load outside the amplifier's rated range can damage the apparatus.
- KGEAR cannot be held responsible for damage caused by improper use of the loudspeakers.
- KGEAR will not shoulder any responsibilities for products modified without prior authorization.
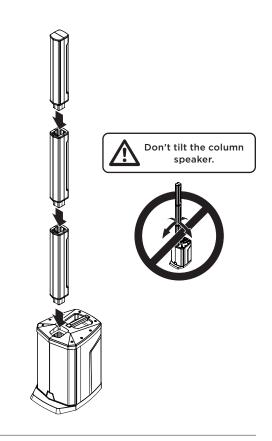

Service

To obtain service:

1. Please have the serial number(s) of the unit(s) available for reference.
2. Contact the official KGEAR distributor in your country: or KGEAR headquarter at info@kgear.it. Please describe the problem clearly and completely to the Customer Service.
3. You will be contacted back for on-line servicing.
4. If the problem cannot be resolved over the phone, you may be required to send the unit in for service. In this instance, you will be provided with an RA (Return Authorization) number which should be included on all shipping documents and correspondence regarding the repair. Shipping charges are the responsibility of the purchaser.

Any attempt to modify or replace components of the device will invalidate your warranty. Service must be performed by an authorized K-array service center.

Assembling Instructions

Set the modular column spacers and speakers on top of the 8″ subwoofer as shown in the picture below. In order to disassemble the system, please take care to unplug each module pulling up the column vertically.
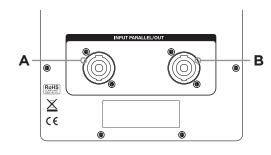

Don't tilt the column speaker.

GP8A / GP8AB AC MAINS Supply

The GP8A features a powered subwoofer: the AC Main connection is made via the provided power cord. Once properly plugged to a reliable power source, toggle the MAINS power switch to turn on the system.

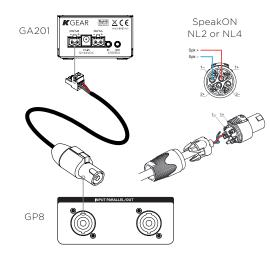# GP8A /GP8AB / GP8

KGEAR
Smart Audio Solutions

GP8 Rear Panel

A. SpeakON connector: speaker input
B. SpeakON connector: parallel output

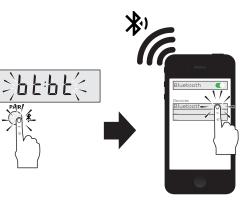## GP8 passive loudspeaker wiring

Once assembled, the GP8 passive loudspeaker shall be driven by a separate amplifier unit such as the GA201 audio power amplifier.

Use a speakON NL2 or NL4 connector with signal on terminals 1+, 1- to drive the GP8 loudspeaker.

Pairing Bluetooth®

Push on the Bluetooth® pairing mode button to set the GP8A/GP8AB system waiting for a connection to a Bluetooth® player.

Pairing Bluetooth® TWS

Push on the Bluetooth® pairing mode button to set the the first GP8A/GP8AB system of a set of two units waiting for a connection.

Push on the Bluetooth® pairing mode button on the second GP8A/GP8AB unit of the set: the «bt:bt» text and the Bluetooth® logo on the lower right corner of the display of both systems will flicker.
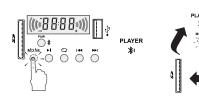
The connection is established when the displays stop flickering and the systems play a «ding-dong» sound.

Now you can connect a Bluetooth® player to the first GP8A/GP8AB system following the pairing Bluetooth® procedure.
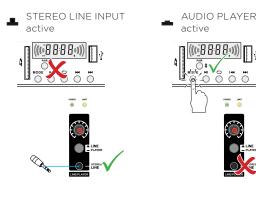
Built-in Player Source Selection

The built-in media player can access MP3 and WAV file on USB key or SD card. In order to select the source for the audio among USB, SD and Bluetooth® push on the MODE button.

Audio Source Selection

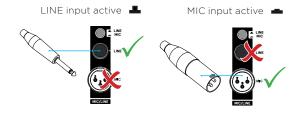The built-in media player can be bypassed in order to connect an external stereo player to the 3,5mm mini jack.

Push on the LINE/PLAYER toggle switch for selecting the sound source.

STEREO LINE INPUT active

AUDIO PLAYER active

Line/MIC input Selection

Push on the LINE/MIC toggle switch for selecting the input connector for channels 1 and 2.

LINE input active

MIC input active

Cleaning

Use only a soft, dry cloth to clean the housing. Do not use any solvents, chemicals, or cleaning solutions containing alcohol, ammonia, or abrasives. Do not use any sprays near the product or allow liquids to spill into any openings.

GP8A /GP8AB / GP8

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Technical Specifications

Mechanical View

GP8A / GP8AB

Technical specifications	
Type	Powered Sub + Column line array system
Transducers	SUB: 8" woofer COLUMN: 4x 2.5" ferrite magnet
Frequency Response	45 Hz – 16 kHz (-10 dB)
Max SPL [1]	108 dB (peak)
Coverage	V. 40° | H. 100°
Amp Module	2-channel Class-D
Output Power	2x 100 W @ 4 Ω
Operating Voltage	100-240V AC, 50-60 Hz
Power Consumption	250W Rated Load, (1/8 Max Output Power)
Analog INPUT / OUTPUT	2x XLR + 2x jack (6.3mm) mic/line input 1x 3.5mm jack stereo input 1x XLR-M line output
Digital INPUT	USB 2.0 SD card Bluetooth 4.2 with TWS technology to pair two GP8A for stereo listening
Controls	Reverb effect mixing knobs Mic/Line channel input volume knobs Master volume knob Subwoofer level knob Playback controls
Battery (GP8AB only)	Type: lithium ion battery cells Capacity: 8000mAh Nominal voltage: 11.1V Life: play music for about 9h at clip limit Charging time: from 0% to 100% in about 6h
Dimensions (WxLxH)	317 x 400 x 1863 mm (12.5 x 15.7 x 73.3 in)
Weight	14,5 kg (31.97 lb)

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

GP8

Technical specifications	
Type	Passive Sub + Column line array system
Transducers	SUB: 8" woofer COLUMN: 4x 2.5" ferrite magnet
Frequency Response	45 Hz – 16 kHz (-10 dB)
Max SPL [1]	108 dB (peak)
Coverage	V. 40° | H. 100°
Power Handling	100W
Nominal Impedance	8Ω
Connectors	2x NL2 SpeakON
Dimensions (WxLxH)	317 x 400 x 1863 mm (12.5 x 15.7 x 73.3 in)
Weight	11,5 kg (25.35 lb)

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

83mm
[3,3in]

470mm
[18,5in]

1863mm
[73,3in]

482mm
[19,0in]

317mm
[12,5in]

98mm
[3,8in]

400mm
[15,7in]