

## Packing List

Upon arrival, carefully inspect the shipping carton, then examine and test your new amplifier. If you find any damage, immediately notify the shipping company. Check that the following parts are supplied with the product.

- 6.5" woofer with 1" dome tweeter  
loudspeaker with bracket

## Installation

The loudspeaker can be installed both on the ceiling and on a vertical surface, either horizontal or vertical. It is strongly recommended that the mounting surface is flat (not curved).



Ensure that the mounting surface is free from obstructions, pipes or studs, either in front and behind the surface.



The cable runs and cable pipes shall be set according to the loudspeaker system configuration. The cables must be of adequate quality, suitable for the installation's environmental conditions and with proper copper section to minimize power loss.

- 1 Position a cutout template and mark the surface accordingly.
- 2 Drill the holes and set the anchors in the wall.
- 3 Install the loudspeaker.

### IMPORTANT SAFETY INSTRUCTIONS



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

- Read these instructions.
- Keep these instructions.
- Heed all warnings.
- Follow all instructions.
- Installation and commissioning may only be carried out by qualified and authorized personnel.
- Do not use this apparatus near water.
- Do not install near any heat sources such as radiators, heat registers, stoves, or other apparatus (including amplifiers) that produce heat.
- Only use attachments/accessories specified by the manufacturer.
- Do not expose this apparatus to dripping or splashing and ensure that no objects filled with liquids, such as vases, are placed on this apparatus.
- Prior to installing the speakers into any ceiling/wall, check the structure for weight bearing ability and avoid contact with any wiring or plumbing that might be behind the surface area.
- Installing on soft materials or in areas incapable of supporting the speakers' weight may cause personal injury or damage to the speaker.
- Make sure the speaker is properly secured to the ceiling/wall. Please use the proper screws, bolts, or anchors. Failure to do so may cause the speaker to become unsecured and cause potential damages/injuries.
- Damage to the woofer and tweeter may occur if the speaker is dropped or hit, resulting in no sound or distorted sound.
- Never overdrive your speakers to the point of distortion and always reduce volume prior to switching input sources.
- Use only approved and certified wiring in your installation, do not stretch or place the wire in contact with sharp objects.
- Prior to removing cables ensure all power to your amplifier and other components is turned off.

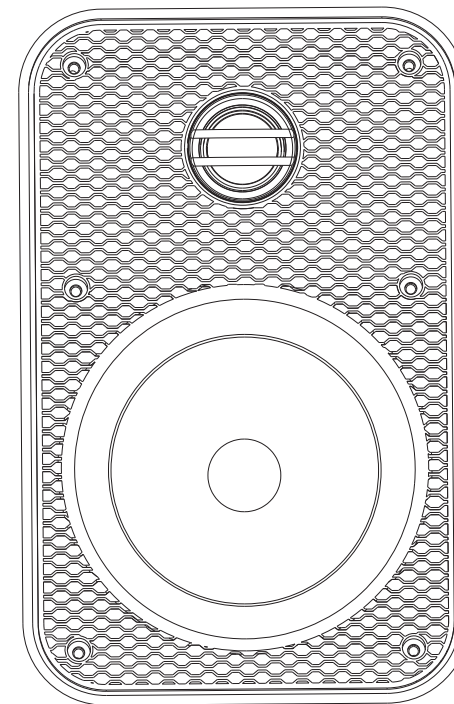


This device is in compliance with applicable CE standards and regulations. Before putting the device into operation, please observe the respective country-specific regulations!



Management of 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.

**KGEAR**  
Smart Audio Solutions



**GG6**  
**6.5" on-wall outdoor passive loudspeaker**

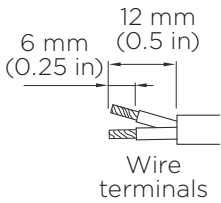
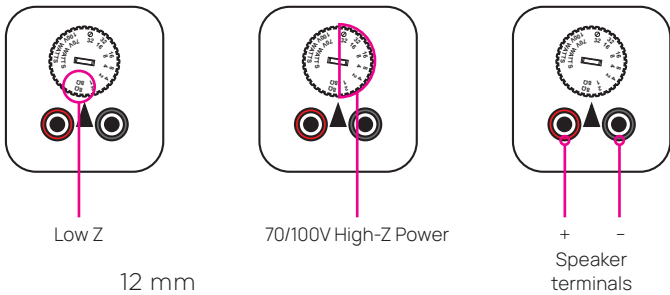
Thank you for choosing this KGEAR product!

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.

Loudspeaker Wiring

Ensure that the amplifier is unplugged from the mains before making any connections. Connect the input terminals of the loudspeakers to the speaker output terminals of the amplifier. Always check to ensure polarity is correct: L(left) to L, R(right) to R, "+" to "+", and "-" to "-".

Rear Panel



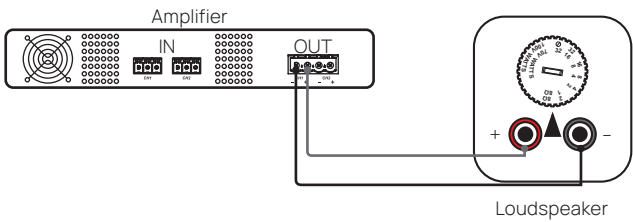
Common input wire (-) is BLACK.  
Signal wire (+): connect only one wire among the input taps wires.

Select the input tap wire according to:

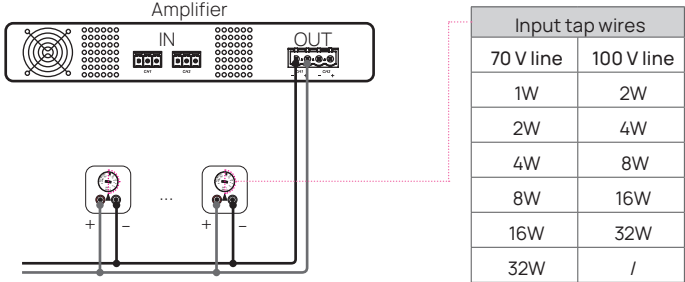
- the voltage level of the line;
- the wattage required to produce the desired sound pressure level for your application, allowing for some additional headroom.

The sum of the power taps of the loudspeakers connected to the same line shall be 20% lower than the amplifier's wattage rating.

Low-Z



70-100V I High-Z



Connect only one wire according to the power



Note: In case of sonic artifacts, roughness or distortion, reduce the signal volume to a lower setting. Never allow the amplifier to be driven into "clipping". Damage caused by operating the speakers at distorted volume levels is not covered by the warranty.

GG6/GG6W

6.5" Passive Speaker  
Low-Z 160W @ 8Ω  
Hi-Z 1-2-4-8-16-32W @ 70/100V

Technical specifications
Type
Passive loudspeaker
Transducers
6.5" Ferrite Woofer 1" Aluminum Dome Tweeter
Frequency Response
50 Hz – 20 kHz (-10 dB)
Sensitivity
90 dB (1 W, 1 m)
Max SPL <sup>1</sup>
115 dB (peak)
Coverage
V. 90°   H. 90
Low-Z Power Handling
160 W @ 8Ω
High-Z Power Handling
1-2-4-8-16-32W @ 70/100V
Handling & Finishes
Dimensions (WxHxD)
193 x 310 x 180 mm (7.6 x 12.2 x 7.0 in)
Weight
2,8 kg (6.17 lb)
IP rating
IP56
Finishes
GG6: Black   GG6W: White

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