



# Soundking GL206-GL206 Line Array Speaker User Manual

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## Soundking GL206-GL206 Line Array Speaker



## Introduction

The GL206 line array speaker offers a frequency range of 70Hz to 20 kHz, with smooth frequency and phase response. A 3" neodymium magnetic treble compression unit and two 6.5" bass units constitute a combination of high dynamic headroom. Flexible multi-combination application mode, can be perfectly used in all kinds of acoustic amplification occasions.

The 6.5" bass unit paper basin of GL206 is made of imported materials. In the HF part, a 3-inch neodymium magnetic treble compression unit is used to convert the high frequency audio waveform from spherical wave to equiphase plane wave through a plane wave converter, which greatly reduces the high frequency interference effect and greatly improves the sound clarity at a long distance. At the same time, a 120 degree exponential curve is used to generate a consistent wave front.

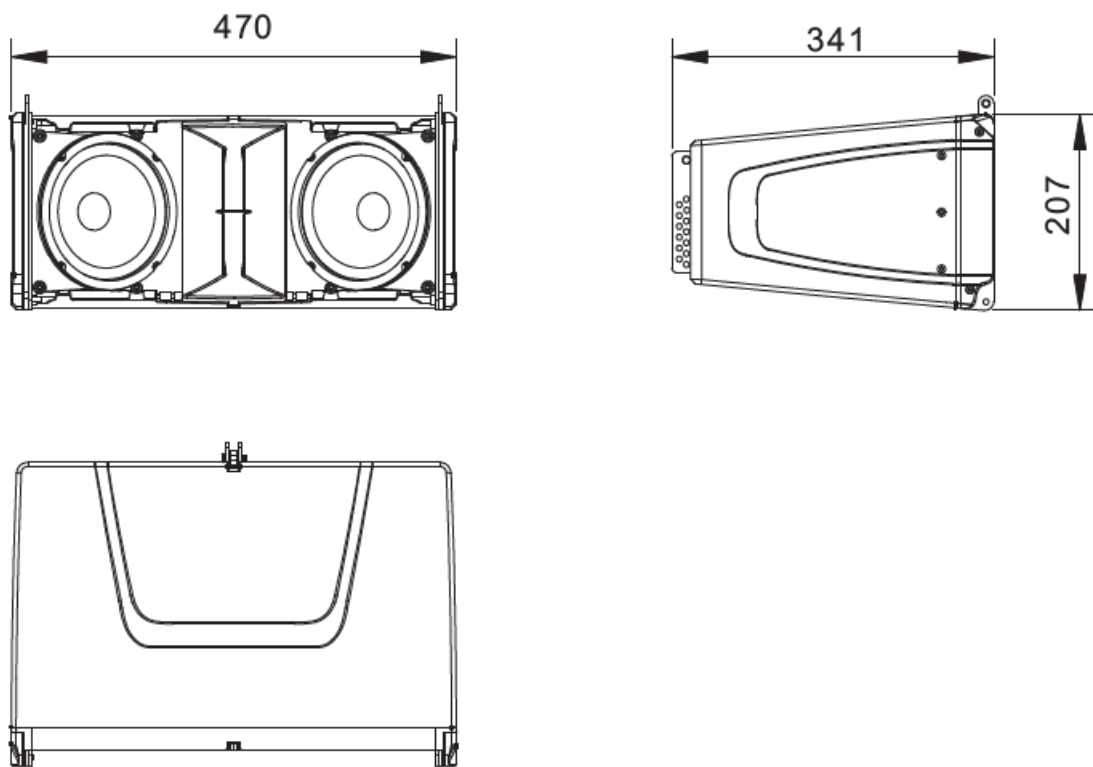
The enclosure of GL206 is made of PP composite material, light and solid. The enclosure is trapezoidal, and the gap between the enclosure has been reduced to the minimum, thus reducing the invalid sound area of the whole array and minimizing the vertical side lobes of the array. G1206 is equipped with precision hoisting system on the enclosure, the connection Angle between the cabinet and the cabinet can be adjusted. The connecting rod on the back of the enclosure can be adjusted arbitrarily between 0-10 degree to meet the needs of different occasions.

The GL206S line array speaker provides a frequency range from 40Hz to 150Hz, and is equipped with a high-power 15-inch bass unit. The GL206S box body is equipped with precision hoisting system to meet the needs of different occasions. Two built-in handles flush with the cabinet are placed on both sides of the speaker enclosure for easy handling.

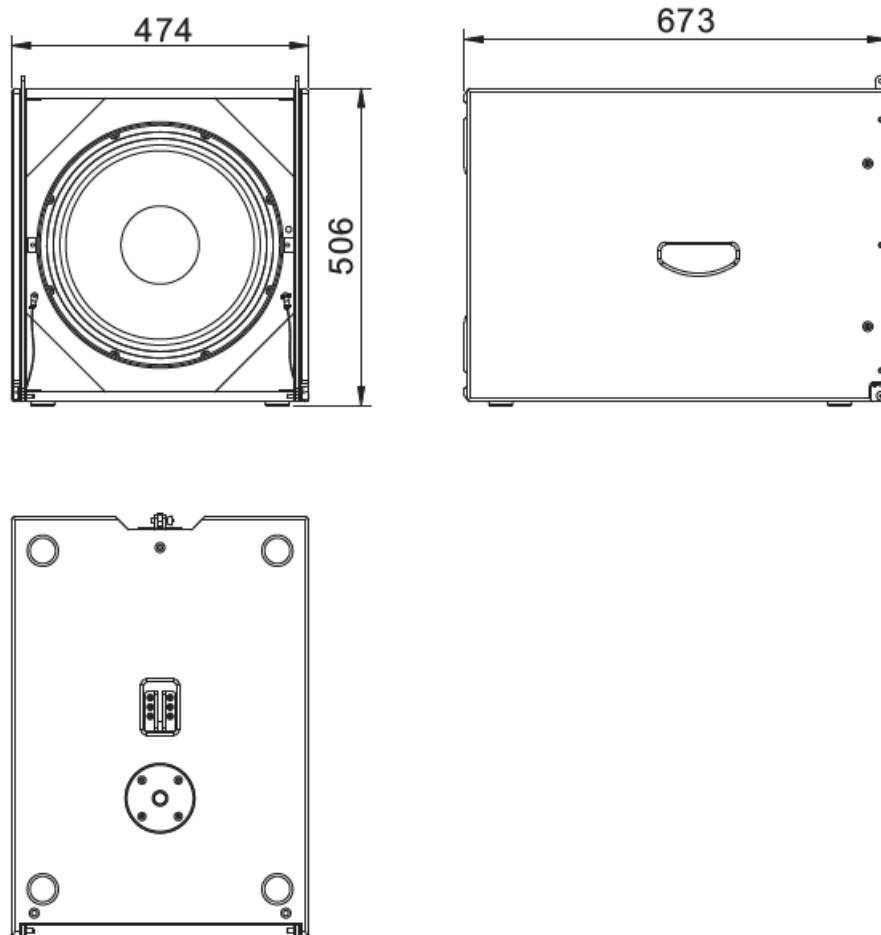
The G206S box body is equipped with precision hoisting system to meet the needs of different occasions. Two built-in handles flush with the cabinet are placed on both sides of the speaker enclosure for easy handling.

## Technical Specifications

|                           |   |
|---------------------------|---|
| Model                     | GI206                                       |
| Style                     | Passive 2 way line array full range speaker |
| Frequency response        | 70Hz~20kHz                                  |
| Horizontal coverage(-6dB) | 100°  |
| Vertical coverage(-6dB)   | 10°   |
| M/LF unit                 | 2×6.5" Nd. magnet middle and bass unit      |
| HF unit                   | 1×3" Nd. magnet compression driver tweeter  |
| Nominal impedance         | 16Ω   |
| Rated power               | 400W  |
| Max SPL(@1m)              | 132dB                                       |
| Dimension(WxHxD)          | 470x207x341 mm                              |
| Weight                    | 13 kg                                       |
| Material                  | PP Composite                                |



|                     |                              |
|---------------------|------------------------------|
| Model               | GL206S                       |
| Style               | Passive single 15" subwoofer |
| Frequency response  | 40Hz~150Hz                   |
| LF unit             | 1×15" Ferrite magnet         |
| Sensitivity (1W@1m) | 96 dB                        |
| Max SPL(@1m)        | 131dB                        |
| Nominal impedance   | 8Ω                           |
| Rated power         | 800W                         |
| Dimension(WxHxD)    | 474x506x673 mm               |
| Weight              | 37 kg                        |
| Material            | Birch plywood                |



## Application

The GL206 and GL206S line array speakers can be used in a variety of acoustic amplification occasions. The flexible multi-combination application mode allows for perfect usage in any setting.

- Small and medium mobile performance
- Small and medium-sized venues
- Theatres, auditoriums, etc

## Usage Instructions

To use the GL206 and GL206S line array speakers, follow these steps:

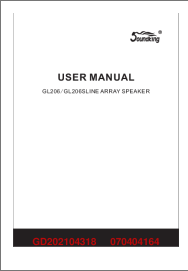
1. Connect the speakers to an appropriate sound system or amplifier using the appropriate cables.
2. Power on the sound system or amplifier.
3. Adjust the volume and other settings on the sound system or amplifier as desired.
4. Play audio through the sound system or amplifier and adjust the volume on the GL206 and GL206S line array speakers as needed.

**Note:** Refer to the user manual of your sound system or amplifier for specific instructions on how to connect and operate it.

When transporting the speakers, use the two built-in handles flush with the cabinet on both sides of the speaker enclosure for easy handling.

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**Documents / Resources**

|   |   |
|---|---|
|  | <p><a href="#">Soundking GL206-GL206 Line Array Speaker</a> [pdf] User Manual<br/>GL206-GL206 Line Array Speaker, GL206-GL206, Line Array Speaker, Array Speaker, Speaker</p> |
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