



V6/V6S

Line Array Speaker

**USER
GUIDE**

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1、 Introduction

The V6 line array speaker offers a frequency range from 70Hz to 20 kHz, with smooth frequency and phase response. A 3 " neodymium magnetic MF compression unit and two 6.5" LF units constitute a combination of high dynamic headroom. Flexible multi - combination mode, can be perfectly used in all kinds of sound amplification.

The 6.5 " LF unit paper basin of V6 is made of imported materials. In the HF part, a 3-inch neodymium magnetic MF 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 V6 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. V6 is equipped with precision flying system on the enclosure, the connection Angle between each element 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 V6S line array speaker provides a frequency range from 40Hz to 150Hz, and is equipped with a high-power 15-inch LF unit.

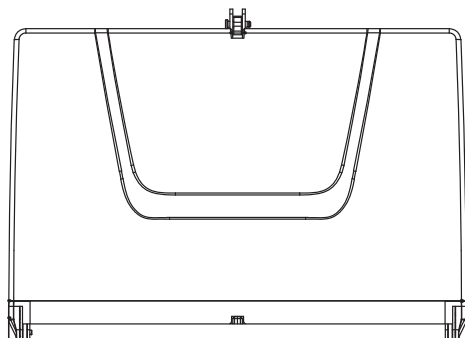
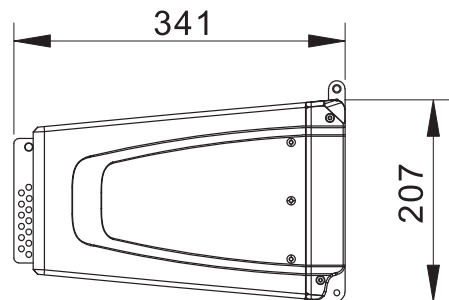
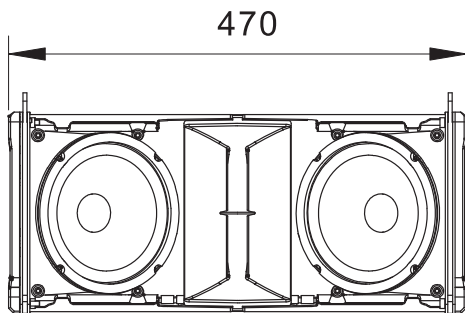
Two built-in handles flush with the cabinet are placed on both sides of the speaker enclosure for easy handling.

2、 Application

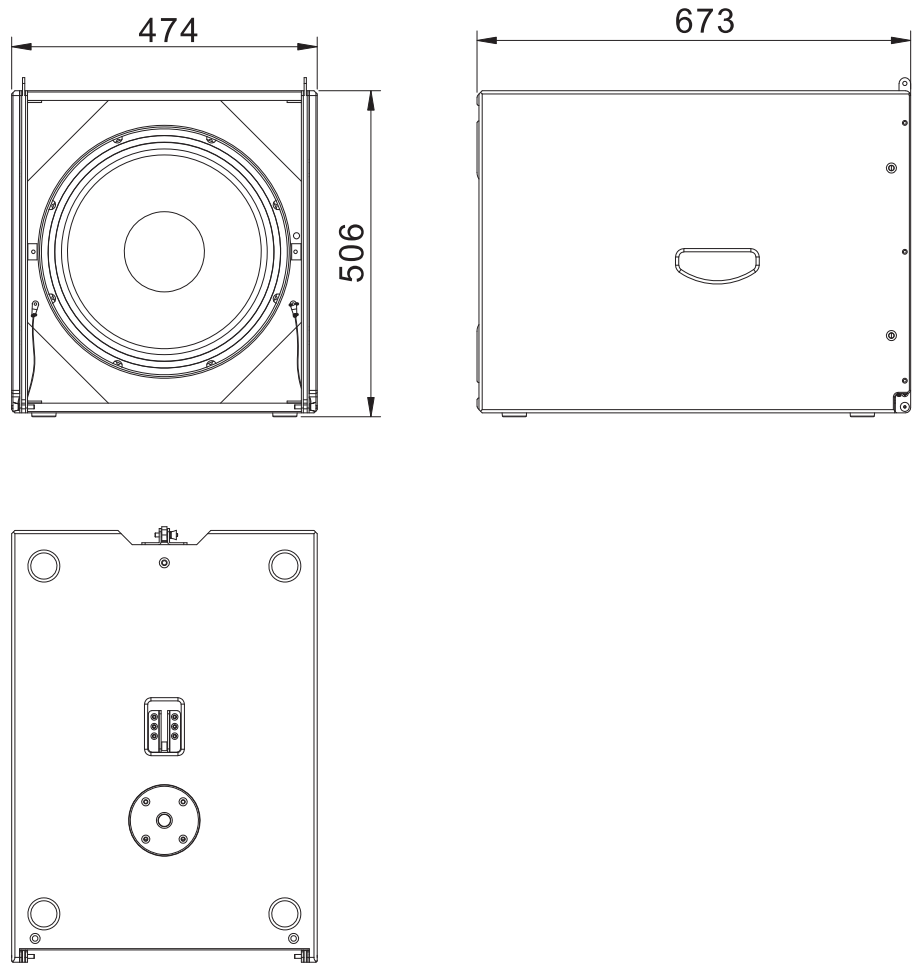
- Small and medium mobile performance
- Small and medium-sized venues
- Theatres, auditoriums, etc

3、 Technical specification

Model	V6
Style	Passive 2 way line array full range speaker
Frequency response	70Hz~20kHz
Horizontal coverage(-6dB)	100°
Vertical coverage(-6dB)	10°
M/LF unit	2x6.5" Nd. magnet
HF unit	1x3" 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	V6S
Style	Passive single 15" subwoofer
Frequency response	40Hz~150Hz
LF unit	1x15" 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



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