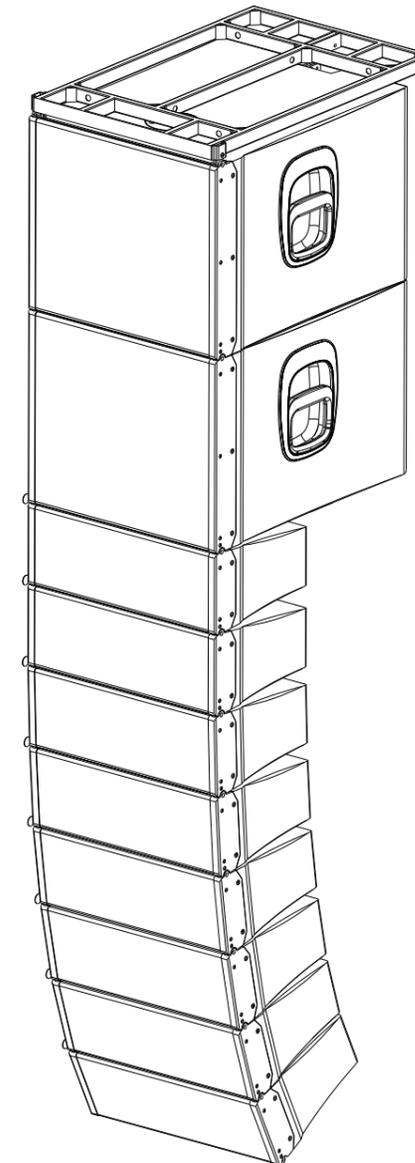


**EXPECT THE BEST**  
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# Studiomaster

V5/V5S



**USER  
GUIDE**

**Studiomaster**

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## 1. Introduction

V5 line array is a two way system, providing 60Hz-18KHz frequency and flat response of frequency and phase.

This line array consists of a 44mm compression driver and two 5 inch units, reducing weight and increasing SPL size ratio.

MF/LF section of V5 adopts 50W 5 inch cone LF unit and acoustically designed grille in the front to prevent from interference due to comb filter and to optimize MF/LF directivity. HF section uses a 44mm compression driver. The plane wave converter changes spherical wave into plane wave to reduce filtering effect and to increase sound clearness in long distance. A 90 degree constant horn is also added to generate a consistent wave plane.

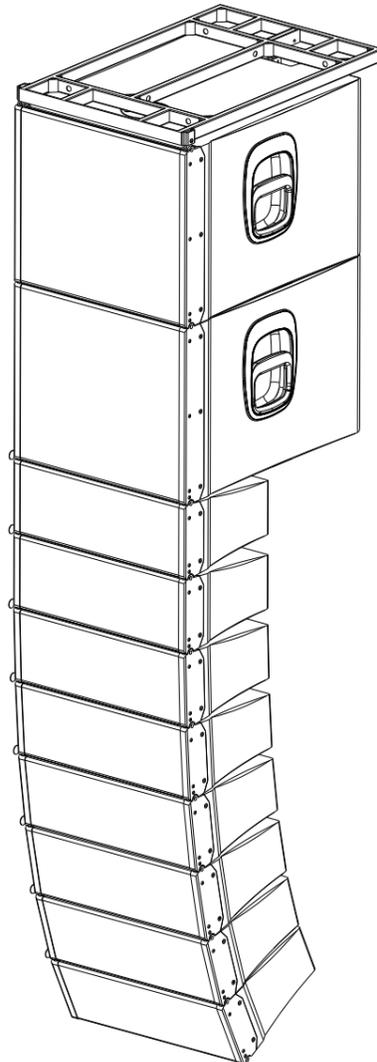
V5 enclosure is trapezoidal to minimize the gap between enclosures and to minimize the vertical side lobe.

Precise Al alloy suspension system is equipped. The adjustable angle range is 0° - 10° to meet the requirements of various applications. The durable elastic paint on the surface. Two NL4MP four pin connectors on the rear panel for link application.

V5S used two 10 " units with 2.6 " voice coils. The load design of inverted horn increases efficiency.

## 2. Application

- \* meeting room, multi-function hall
- \* theatre, auditorium, church



## 3. Specification

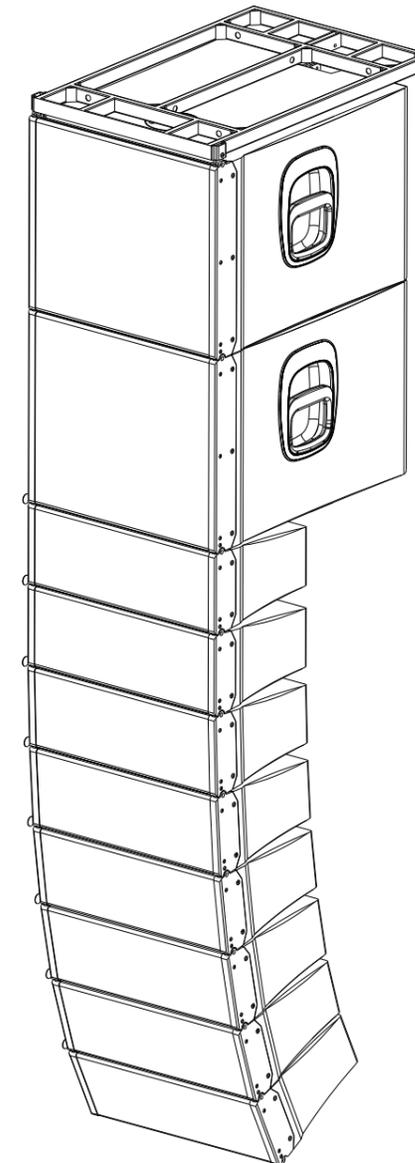
Model	V5
type	two way line array
frequency response	60Hz~20KHz (-10dB) 80Hz~18KHz (±3dB)
coverage (H)(-6dB)	90°
coverage(V)(-6dB)	changes as line array dimension and tilt angle change
LF unit	2×5" ( 127mm ) / 1" voice coil
HF unit	1×1.7" ( 44 mm ) compression driver
sensitivity(1W@1m)	LF : 90dB HF : 104dB
rated impedance	LF : 16Ω HF : 16Ω
Power handling	LF :50W x 2 (Continuous) ,200Wx2(Peak) HF: 50W (Continuous),200W(Peak)
max SPL(@1m )	LF : 116dB HF: 127dB
crossover	80Hz, 1.7KHz
dimension(WxHxD)	483x171x300(mm)
weight	11kg
dispersion(V)	0° ~10° each step2°
connector	HF:+1 -1 MF:+2 -2

Model	V5S
type	LF loudspeaker
frequency response	50Hz~350Hz (-10dB) 55Hz~300Hz (±3dB)
LF unit	2×10" ( 254mm ) /2.6" voice coil
sensitivity(1W@1m)	97dB
rated impedance	4Ω
Power handling	250W x 2 (Continuous),1000Wx2(Peak)
max SPL(@1m )	130dB
crossover	80Hz
dimension(WxHxD)	483×410×623(mm)
weight	31kg
connector	LF:+2 -2

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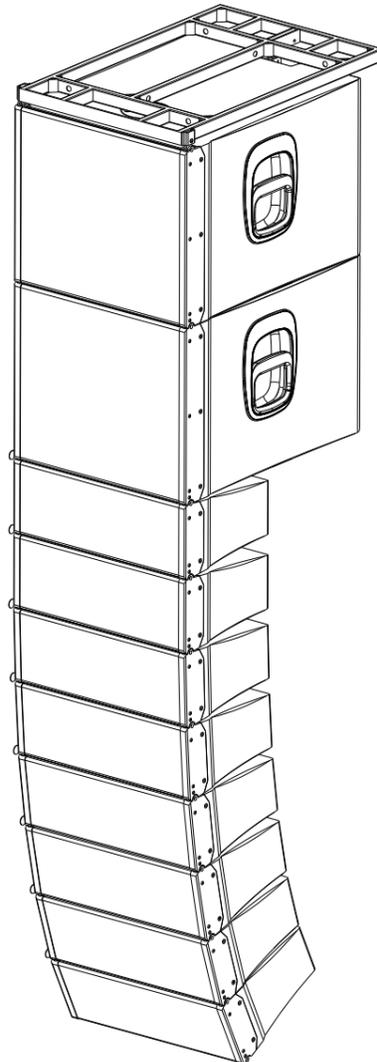
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