

VM208

3-Unit, 2-Way,
Vertical Line Array Loudspeaker

ENNE



Description

VM is the short label for Mini-Vertical, which is a mini portable vertical line array loudspeaker series. It can be used into many kinds of places such as small or medium conference hall, small theater, multi-function room, wedding and exhibition. It can deliver high vocal clarity with small size and easy-installation. ENNE VM series is designed to meet such kind of application.

VM208 use high quality component. It has one 1.73" titanium alloy diaphragm HF compression driver, the soundwave can be send out isometric by 1" compression throat waveguide horn. Therefore, the coverage angle of VM208 is 100° x 3° (Horizontal x Vertical). Maximum adjustable angle between two loudspeakers is 12° (2° is classified as one unit). When several VM208 are combined into a vertical array, you can know the vertical coverage angle for whole array according to the angle between each two cabinets. Although VM208 is not a real line array, but it still has more advantage compare to traditional point source loudspeaker. VM208 use isometric waveguide horn, and it can take advantage of the interference between adjacent loudspeakers, so the sound wave transport is closed to a plane wave. Hence, the sound pressure attenuation is nearly 3 dB when double distance.

LF driver use two 8" high power components, which can provide rich Mid-Low frequency on voice band. There is no parallel plane inside the cabinet, so it can effectively reduce the production of LF standing wave, and make the sound orderly under large output level.

The cabinet adopts a very compact, lightweight design. The box is made of HIPS (High Impact Poly Styrene) which can provide water-resistance, UV ray-resistance and is very sturdy and durable. Therefore, VM208 is also a good choice for transportation or outdoor audio amplifying.

The VM208-FF flying frame can handle maximum 10 VM208 or VM212S.

Applications

- Multi-function Hall, Conference Hall
- Small Theater
- Transportation, Education
- Exhibition

Key Feature

- Vertical line array, high power, high reliability.
- 2 x 8" high efficient LF driver. 1 x 1.73" titanium HF compression driver.
- 100° x 3° (H x V) Coverage pattern
- Maximum adjustable angle between two loudspeakers is 12°
Maximum hanging capacity is 10.
- Light weight, compact, convenient installation.

Specifications

System type:	Dual 8" vertical line array fullrange loudspeaker
Frequency Range (-10 dB) ¹ :	58 Hz - 19 kHz
Frequency Response (±3dB) ¹ :	65 Hz - 18 kHz
Sensitivity (1w@1m):	96 dB
Nominal Impedance:	8 Ohms
Peak Maximum SPL:	127 dB
Power Rating:	300W / 600W / 1200W (Continuous ² /Program/Peak)
Coverage Pattern ³ (H x V):	100° x 3° ⁴
Dimension (H x W x D):	285 x 670 x 285 mm
Net Weight:	17.7 Kg
LF Driver:	2 x 8", Φ2" voice coil
HF Driver:	1 x 1", Φ1.73" voice coil
Input Connectors:	2 x Neutrik® Speakon® NL4MP
Optional Accessories:	VM208 - FF

1. In half-space.

2. IEC Filtered Pink Noise with 6dB Crest Factor, 2 hours duration.

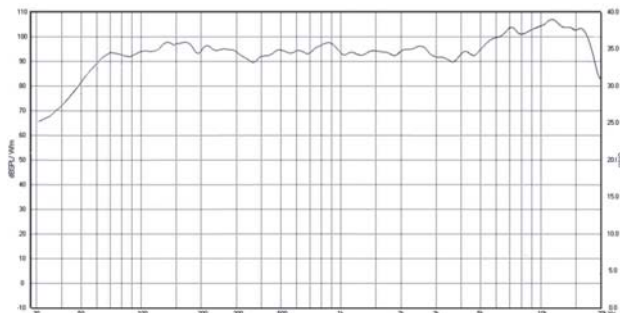
3. 500Hz to 4kHz.

4. Vertical coverage angle of the Line Array is decided by the number of the speaker boxes and the angle between the boxes.

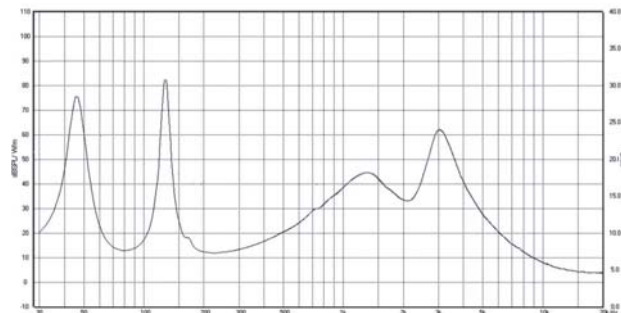
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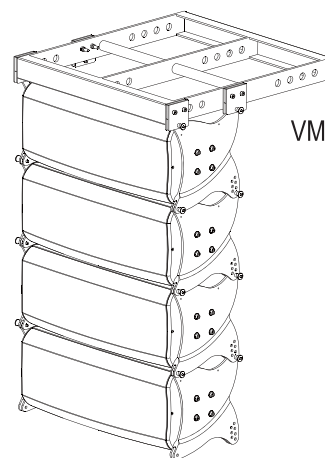
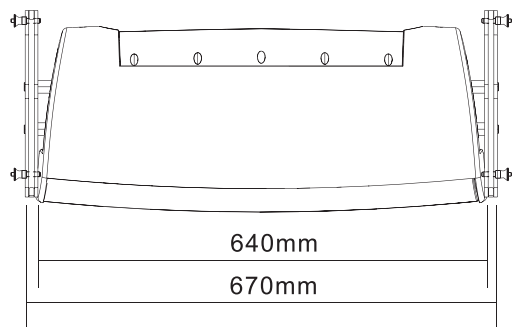
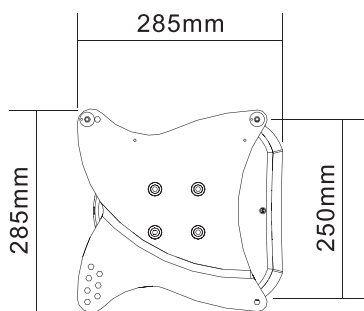
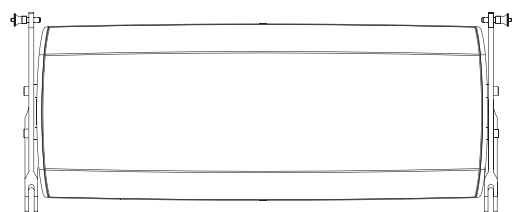
Frequency Response



Impedance Response



Dimensions



VM208-FF

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