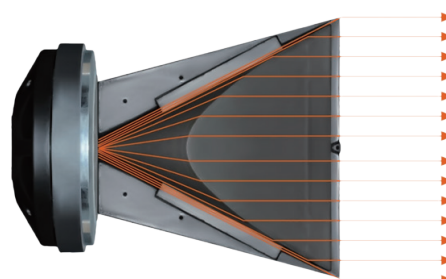


Overview

VLA-208 is a compact active two ways multipurpose vertical line array speaker. Especially it owns very compact cabinet and contains dual 8" low/mid woofer and one 1.5" compression driver which are combined with an axe type phase plug.

Enewave's engineers do the very extreme calculation and then design a special axe type phase plug technology then insert it in front of compression driver. The spherical wave created from compression driver and pass through the surface of axe type phase plug. All they will arrive to the front narrow slot at the same time. The same phase and frequency spectrum will create new columnar wave plane. Finally, the sound pressure will be folding constantly without any interference.



axe type phase plug technology

Features

- * Compact size but high output
- * Perfect sound coupling by modular line array technology
- * Two ways full range cabinet contains two 6.5" Low/mid woofer and one 1" compression driver
- * Extra precision full range directional controlled
- * Build-in flying hardware suit for touring or fixed installation
- * Full DSP control to ensure phase consistency and excellent frequency responsible

Applications

Apply to:

Touring system, music hall
Lecture hall, night club, KTV
Bar, social club
Small/mid theater, auditorium

Description

VLA-208 is a compact active two ways multi proposal vertical line array speaker. It is a full range speaker that contained two 8" cone woofers and one 1.5" high frequency compression driver. The cabinet is made by strong "Baltic birch plywood" and mortise joint technology. The coating is made by waterborne anti-scratch paint to achieve strong, reliability and environmental, and by designed for a very compact cabinet. VLA-208 is performed during 65Hz to 20KHz so that it could be combined with VLA-208SUB by unique flying hardware and then extended bass till incredible 28Hz. The build-in flying hardware could be adjusted several angles which be included 1°, 3°, 4°, 7°, 9° and 10°. Thanks for symmetrical cabinet and axe type phase plug. VLA-208 owns excellent

frequency curve characteristic when several cabinets be combined to a vertical line array. Therefore, it is a real line array system because the system performs very smooth frequency curve and balanced coverage. The compact VAL-208 is very suit to apply every kind of indoor sound reinforcement system. Its 100° dispersion angel is also easy for applying to wide-field coverage. We strongly recommend combining VLA-208 with VLA-208SUB and hanging the whole system by optional VLA-208 Frame hardware. System recommendation: 4pcs VLA-208 + 1pc VLA-208SUB.

Technical Specifications

Performance Parameters	
Components	2 x 8" Cone woofer with water proof coating ; 1 x 1.5" Compression driver
Operating Type	2 ways full range with active crossover system driven by ext. amplifier
Profile	Cuboid with trapezoid back
Cabinet	Baltic birch plywood
Surface	Environmental waterborne paint
Connector	2 x NL4 Speakon
Flying System	Dedicated VLA-208 frame hardware
Recommended Sub-Woofer	VLA-208SUB
Dimension	225mm×636mm×440mm(H×W×D)
Weight	21kg
Nominal Parameters	
Frequency Responsible	80Hz~18KHz (±3dB) 65Hz~20KHz (-10dB)
Sensitivity(1m/1W)	HF 109dB ML 99dB
Nominal Impedance	HF:8Ω MF:8Ω
Rated Power(AES)	Continue: HF:60W MF:350W; Program: HF:120W MF:700W; Peak: HF:240W MF: 1400W
Maximum SPL(1m)	HF: 133dB MF:130dB
Nominal Coverage Angel(-6dB)	100° Horizontal ; 10° Vertical

Dimension and diagram

Unit : mm

