

# WP312

## Weatherized 3-Way Line Array Speaker

VAL audio

Die Liebe zur Musik



The VAL audio WP312 is a high performance bi-amplified, three-way, all weather line array loudspeaker for use in open to sky outdoor environments. It is designed to meet IP66 standards and uses a special polymer composite injection molded cabinet that is waterproof, dustproof and anti-uv aging. Further it features a special five-layer grille designed of different materials to prevent water and dust ingress. All hanging parts and connecting parts are made of treated stainless steel or aluminum. The WP312 features 2x12" high efficiency, low distortion mid-bass drivers and two coaxial MF/HF neodymium drivers mounted on a special waveguide and horn for accurate coverage. A three-point hanging system ensures complete safety and accuracy.

### KEY FEATURES

- Dual 12" bi-amplified, three-way weatherized line array loudspeaker
- Polymer composite injection molded cabinet for all-weather use
- Designed to meet IP66 standards
- Coaxial MF/HF neodymium drivers for maximum efficiency and high fidelity
- Powder coated Aluminum grille with five layer protection to prevent water & dust ingress
- Designed to meet IP66 standards
- Three-point hanging system to ensure complete safety and accuracy

### APPLICATIONS

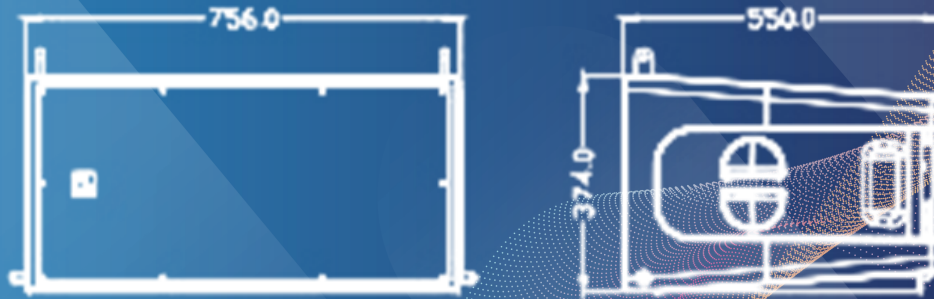
- Outdoor applications requiring long throw and high SPL requirement

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### SPECIFICATIONS

Description	3 way, bi-amplified line array
Power Handling	LF: 800W RMS / 3200W Peak, MF+HF: 300RMS/1200W Peak
Nominal Impedance	LF: 8 ohms, MF+HF: 16 ohms
Frequency Response (-10dB)	LF: 60Hz – 850Hz, MF+HF: 600Hz – 19KHz
Average Sensitivity (1W/1m)	LF: 101dB, MF+HF: 110dB
Maximum SPL	LF: 130dB Continuous / 133dB Program / 136dB Peak, MF+HF: 134dB Continuous / 137dB Program / 140dB Peak
LF driver	2 x 12" (3" voice coil) custom ferrite woofer
MF+HF driver	2 x 1.4" Exit (3.5" voice coil MF / 1.7" voice coil HF) Coaxial neodymium driver
Crossover Frequency	600Hz
Dispersion (-6db)	Horizontal: 90°, Vertical coverage: depending on array length
Input Connectors	2 x Speakon NL4
Size (WxHxD)	700mm x 524mm x 931mm
Net Weight	36 Kg
Gross Weight	46 Kg

