



WLA-115

15" coaxial hybrid curvature array element

Product Description

WLA-115 is a 15" full-range line array element from our WLA-1 System, created for professional touring and installation environments demanding maximum output and tonal accuracy.

It features a coaxial Beyma driver combined with our exclusive EVO-Fold waveguide, delivering consistent horizontal and vertical dispersion from a single, coherent source. This innovative design eliminates phase and spacing issues found in traditional two-way systems, ensuring precise alignment and a naturally balanced sound.

With a 4.0" LF driver voice coil and 2.87" high-frequency voice coil, WLA-115 handles 500 W continuous (up to 2000 W peak) and delivers a maximum SPL of 135 dB @ 1 m. Supported by dedicated FIR presets for phase-coherent performance, it delivers deep, controlled low-end with exceptional clarity — a powerful, adaptable solution for large-scale professional applications.

Key Features

- ✓ Array Element, Coaxial 2-way
- ✓ 15" LF Driver
- ✓ 500 W Continuous
- ✓ 135 dB Max SPL @ 1m
- ✓ 8 Ω Impedance
- ✓ 1000 W Programme



Specifications

Specification	Value
Active / Passive	Passive
System Type	Array Element
Configuration	Coaxial 2-way
System Continuous Power	500 W
System Programme Power	1000 W
System Peak Power	2000 W
Max SPL @ 1m	135 dB
System Peak SPL	141 dB
Sensitivity 2.83 V / 1 m	102 dB
Frequency Response (+/-3dB)	42 Hz - 20 kHz
Frequency Range (-10dB)	25 Hz - 25 kHz
Crossover Frequency	1.2 kHz
Bluetooth	No
Input Connector	2 x 4 Pole Speaker Connector
LF Driver Size	15"
LF Magnet Material	Ferrite
LF Frame Material	Aluminium
LF Voice Coil Size	4"
HF Driver Type	Compression Driver
HF Voice Coil Size	2.87"
HF Diaphragm Material	1.5"
HF Power (RE:AES2-2012)	80 W
HF Rated Impedance	16 Ω
Nominal Coverage (H x V)	100° x System dependant

Specifications (continued)

Specification	Value
Vertical Splay Angle Range	0°- 5° – 10° – 15°
Horizontal Splay Angle	15°
Cabinet Type	Trapezoid
Enclosure Material	Birch Plywood
Grille Material and Finish	Powder Coated Perforated Steel
Finish	Black Tough-Tone
Handles	2 side / 2 back
Deployment	Flying, Ground, Pole
Pole Mount	35 mm Dual Angle -2.5° / +7.5°
Brackets Included	Yes
Rigging	Yes
Integral Rigging	3 Points
Included Accessory	User Manual
Unpacked Width	566 mm
Unpacked Rear	566 mm
Unpacked Depth	543 mm
Packed - Height	676 mm
Packed - Width Front	495 mm
Packed - Width Rear	495 mm
Packed - Depth	640 mm
Net Weight	33.4 kg
Gross Weight	36.5 kg