



WLA-115A

15" active coaxial hybrid curvature array element

Product Description

WLA-115A is a 15" full-range active line array element from our WLA-1A System — delivering enhanced low-frequency depth and output power through integrated amplification and precision DSP control.

Equipped with a coaxial Beyma driver and our advanced EVO-Fold waveguide, it provides perfectly coherent coverage with exceptional clarity and tonal balance. Internal DSP with FIR filtering and software control with Pro=Link ensures optimal tuning, allowing seamless integration across any professional venue or touring setup.

With a 4.0" LF driver voice coil and 2.87" high-frequency voice coil, WLA-115A delivers 830 W continuous and 1660 W peak power, delivering a maximum SPL of 135 dB @ 1 m. Constructed from premium birch plywood with integral side plate rigging, it offers the power, precision and flexibility demanded by modern sound professionals.

Key Features

- ✓ Array Element, Coaxial 2-way
- ✓ 15" LF Driver
- ✓ 1660 W Peak
- ✓ 135 dB Max SPL @ 1m
- ✓ 830 W Continuous
- ✓ Birch Plywood



Specifications

Specification	Value
Active / Passive	Active
System Type	Array Element
Configuration	Coaxial 2-way
System Continuous Power	830 W
System Peak Power	1660 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	Balanced Socket XLR
Link Connector	Balanced Socket XLR
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°
Amplifier design	Class D
Driver Protection	Independent LF/ HF RMS and Peak Limiters
Thermal Protection	Amplifier Shut Down. Auto Reset
DC and Short Protection	Yes
Clip Limiter	Yes
Signal Processing	DSP Based, 8 FIR Presets
Low Line Voltage Shut Down	60% Nominal Line Voltage
Limiter Indicator	Red LED
Signal Indicator	Green LED
Power/Active Indicator	White LED
Find Function Indicator	Blue LED
Active loudspeaker Input Impedance	Balanced: 10 KΩ
Input sensitivity	+4 dBu
Max Input Level	+18 dBu
Update	USB Type B
Network (RS485)	RJ45
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°

Specification	Value
Brackets Included	Yes
Rigging	Yes
Integral Rigging	3 Points
Main Power	AC 100-120 V~ and 220-240 V~, 50/60 Hz Automatic
Power Supply	High Efficiency Dual Switching Mode Power Supply
Included Accessory	User Manual, WLA-RH3 Rain hood
Unpacked Width	566 mm
Unpacked Rear	566 mm
Unpacked Depth	543 mm
Packed - Height	490 mm
Packed - Width Front	630 mm
Packed - Width Rear	630 mm
Packed - Depth	661 mm
Net Weight	35.5 kg
Gross Weight	38.5 kg