



WLA-121SUBA

21" active flyable subwoofer

Product Description

WLA-121SUBA is a 21" active subwoofer from our WLA-1A System, built to deliver extreme low-frequency power with precision and control for large-scale touring and installation environments.

Powered by internal Class-D amplification and DSP, and, at its core, a 21" Beyma driver with a 4.0" Quattro voice coil delivers immense output with exceptional stability and efficiency.

Handling 2200 W continuous (up to 4400 W peak) and delivering a maximum SPL of 136 dB @ 1 m, WLA-121SUBA produces tight, controlled low-end that stays articulate even at the highest levels. Designed for flexibility, it can be flown or ground-stacked alongside WLA-1A full-range elements — forming the foundation of a truly commanding system.

Key Features

- ✓ Subwoofer, Bass-reflex
- ✓ 21" LF Driver
- ✓ 4400 W Peak
- ✓ 136 dB Max SPL @ 1m
- ✓ 2200 W Continuous
- ✓ Birch Plywood



Specifications

Specification	Value
Active / Passive	Active
System Type	Subwoofer
Configuration	Bass-reflex
System Continuous Power	2200 W
System Peak Power	4400 W
Max SPL @ 1m	136 dB
Sensitivity 2.83 V / 1 m	103 dB
Frequency Response (+/-3dB)	25 Hz - 100 Hz
Frequency Range (-10dB)	18 Hz - 125 Hz
Crossover Frequency	Preset Dependent
Bluetooth	No
Input Connector	Balanced Socket XLR
Link Connector	Balanced Socket XLR
LF Driver Size	21"
LF Magnet Material	Ferrite
LF Frame Material	Aluminium
LF Voice Coil Size	4"
Amplifier design	Class D
Driver Protection	RMS, Peak Limiters and DC
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

Specifications (continued)

Specification	Value
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	Rectangle
Enclosure Material	Birch Plywood
Grille Material and Finish	Powder Coated Perforated Steel
Finish	Black Tough-Tone
Handles	2 side (4 pcs) + 2 (top/bottom)
Deployment	Flying, Ground
Pole Mount	M20
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-RH1 Rain hood, WLA-121SUB ARM
Unpacked Width	566 mm
Unpacked Rear	566 mm
Unpacked Depth	760 mm
Packed - Height	850 mm

Specification	Value
Packed - Width Front	656 mm
Packed - Width Rear	656 mm
Packed - Depth	895 mm
Net Weight	74 kg
Gross Weight	80 kg