



WLA 12

A Wharfedale Pro 400w Is Louder Than Competitors 1000w Line Array Products.



Why? The Wharfedale Pro WLA-12 is fully horn-loaded, it has three horn loaded compression drivers and a horn loaded woofer.

The Wharfedale Pro WLA-12 line array produces huge amounts of SPL, yet only requires modest amplification. The ultra high sensitivity design means that you spend less on your amplification and get more level. All of the amplifier energy is converted to pure SPL to give you the biggest output level possible for your budget.

A single WLA-12 element produces a massive 134dB peak SPL, considerably more than many competitors dual 12" line array elements.

The WLA-12 isn't all about volume, it provides high-quality sound reinforcement and reproduction that is unheard of in this class. The low distortion woofer and neodymium compression drivers are super accurate and are able to reproduce precise transients with impressive detail. The vocal projection of WLA-12 is second to none. All transducers are coupled to well designed horns that provide a perfect balance of projection and dispersion.

Another saving? The WLA-12 has a built-in passive crossover network and physically aligned transducers. The benefit to you is again less amplification and no need for DSP or speaker management, the total system cost comes down again and you get a loud, great sounding line array with a minimum of fuss. It just works.

The intuitive captive rigging hardware and tethered quick release pins ensure that the WLA-12 is simple to fly with a variety of splay angles, giving you the widest range of configurations.

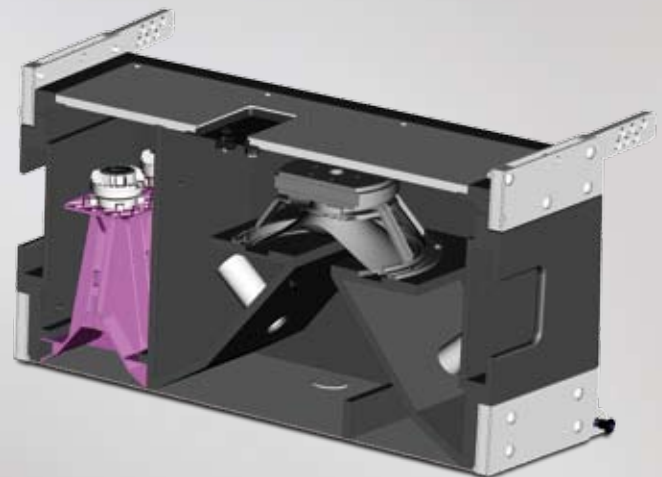
The WLA-12 is a complete line-array system, with a Fly-Frame and Dolly system available separately.



WLA 12

Features

- High Sensitivity, Full Horn Loaded Design
- 400W/800W/1600W Power Handling
- 12" Horn Loaded LF Driver
- 3" LF Voice Coil
- 3x 1" Exit HF Compression Drivers
- 1.8" Polyester HF Diaphragms
- Rare Earth Magnets
- Physically Aligned Transducers
- Internal Passive Crossover Network
- External Crossover Bypass Switching
- Front Hinged Rigging System
- Captive Rigging Hardware with Tethered Quick Release Pins
- Comprehensive Adjustable Splay Angles
- Tethered Quick Release Pins (Each Rated To 2000Kg)
- Rhino Rock™ Textured Composite Finish
- Trapezoid Baltic Birch Plywood Enclosure
- 2x Parallel Speakon Inputs • Constant directivity waveguides



Specifications

System Specification	WLA 12
System Type	Full Range
Frequency Response (±3dB)	180-18kHz
Sensitivity (1w@1m)	102dB
Peak SPL	134dB
System Impedance	8Ω
Power Handling	
Continuous	400w
Music	800w
Peak	1600w
LF Driver	
Driver Size	305mm / 12"
Frame Material	Al
Impedance	8Ω
Quantity	1
HF Driver	
Driver Size	45mm / 1.8"
Frame Material	Al
Impedance	24Ω
Quantity	3

System Specification	WLA 12
Enclosure	
Dimensions	
(L)	930mm / 36.6"
Front (W)	483mm / 19.0"
Back (W)	376mm / 14.8"
(H)	489mm / 19.2"
Enclosure Type	Trapezoid
Finish	Paint
Finish Colour	Black
Construction Material	Plywood
Thickness	15mm
Grille	Black Steel
Input Connectors	2 X Parallel Speakon
Carton Dimensions	
(L)	1025mm / 40.3"
Front (W)	585mm / 23.0"
Back (W)	530mm / 20.9"
(H)	580mm / 22.8"
Weight	
Net Weight	61Kg / 134.2lbs
Gross Weight	73Kg / 160.6lbs