



Your full user manual can also be downloaded from www.wharfedalepro.com

WLA-118SUB

QUICK START GUIDE

Congratulations on the purchase of your WLA-118SUB. We take great pride in engineering and building every Wharfedale Pro product and wish to thank you for entrusting us with your audio.

From the time Gilbert Briggs built his first loudspeaker in 1932, to the present day, we have maintained the same standard of quality in components, workmanship and performance.

Please take the time to read this guide completely in order to get the most from your new system.

Specifications

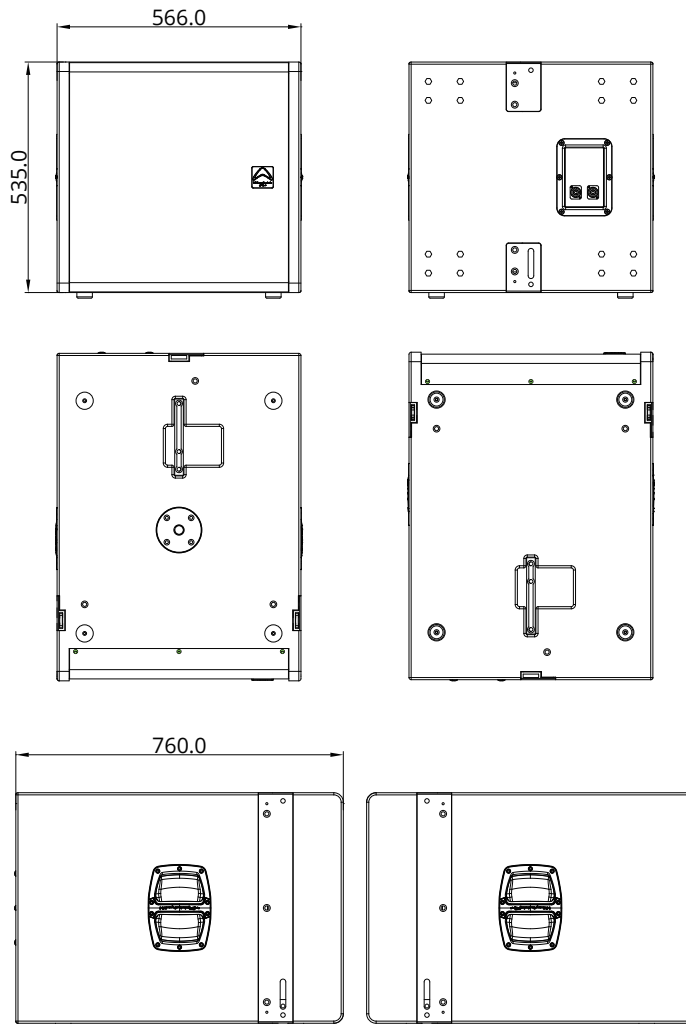
Model Name	WLA-118SUB
Design	Subwoofer
System Type	18" Subwoofer
Configuration	Single Subwoofer
Frequency Response (+/-3 dB)	35 Hz - 100 Hz
Frequency Range (-10 dB)	28 Hz - 125 Hz
Sensitivity 2.83 V / 1 m	103 dB*
Calculated Maximum SPL @ 1 m	141 dB*
System Peak SPL	147 dB**
System Rated Impedance	4 Ω
	level at 1 m under half space conditions using pink noise with crest factor 2, with dedicated preset.
	level at 1 m under half space conditions using pink noise with crest factor 4, with dedicated preset.
Low Frequency Transducer	
Size	420 mm / 18"
Voice Coil Size	101.6 mm / 4.0" QUATTRO (4 layers)
LF Frame Material	Aluminium
Special Features	
	Aluminium demodulating ring
	Waterproof LF cone
	Malt Cross® TCS
Power(AES2)	
System Continuous Power (W)	1600
System Programme Power (W)	3200
System Peak Power (W)	6400
Crossover Frequency	100 Hz
Recommended HPF = BW 18 dB/oct.	20 Hz
Input Connector	2 x speakON compatible
Rigging & Hardware:	3 points for rigging
Vertical Splay angle range:	/
Horizontal Splay angle	/
Optional Accessories	WLA-1 Common Fly Frame
Optional Accessories	-
Stand pole:	M20 Pole mount
Handles:	2 side (2 pcs)
Enclosure	
Cabinet Type	Rectangular
Enclosure Material and finish	18 mm plywood / Tough-Tone
Colour	Black paint
Grille Material & Finish	Powder coated perforated steel
Dimensions - Unpacked:	
Height Front	535 mm / 21.1"
Height Rear	/
Width	566 mm / 23.4"
Depth	760 mm / 29.9"
Dimensions - Packed:	
Height	630 mm / 24.8"
Width Front	/
Width Rear	656 mm / 25.8"
Depth	850 mm / 33.5"
Weight	
Net Weight	57.8 Kg / 127.2 lbs
Gross Weight	69.0 Kg / 151.8 lbs

Note : Specifications may be subject to change without notice.

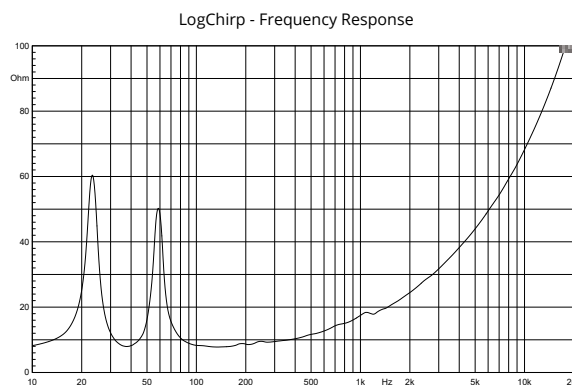
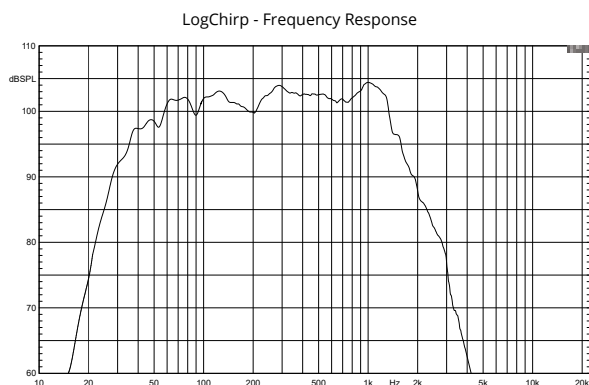
Product Features

- Duo layer 18" Beyma driver
- Tough-Tone paint finish
- Integral side and back 3-point rigging system
- Premium Baltic birch construction
- .gll files available for download
- Presets for DP-F / DP-N amps + SC-48FIR
- Versatile and practical
- Use in conjunction with the 21" sub for infrabass AND punch
- EASE .gll files available for download

Overview

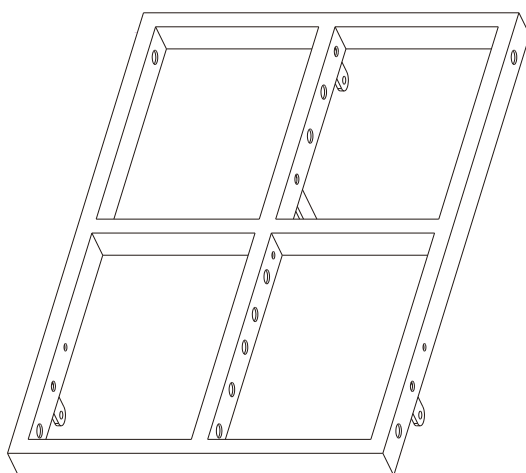


Response Graphs



Optional hardware

WLA-1 Common Fly Frame



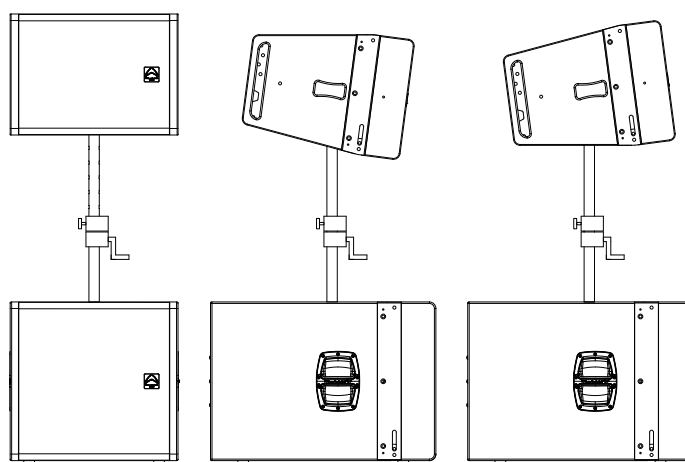
Use the optional WLA-1 Common Fly Frame to fly WLA-118SUB (A) with WLA-115 (A) or WLA-112 (A) elements as a traditional flown array.

Note :

WLA-1 Common Fly Frame supports up to 3 pcs of WLA-118SUB (A).

WLA-118SUB (A) will not fly with WLA-121SUB (A).

SP-4 Pole



Use an optional SP-4 pole to connect the 18" subwoofer to a 12" or 15" element. These have dual angle 35 mm pole sockets to ensure the best coverage for the event.

Note :

Always ensure the floor is level and that all local and common sense safety rules are respected.

For system design it is recommended to use EASE software. (<https://www.afmg.eu>)

The EASE library can be downloaded from <https://www.wharfedalepro.com/download/wharfedale-pro-ease-library/>

WHARFEDALE PRO LIMITED WARRANTY

Wharfedale Pro products are warranted of manufacturing or material defects for a period of three years from the original date of purchase. In the event of malfunction, contact your authorised Wharfedale Pro dealer or distributor for information.

Please be aware that the warranty details may differ from country to country. Contact your dealer or distributor for information (available at www.wharfedalepro.com). These terms do not infringe your statutory rights.



Wharfedale Pro

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November 2023