Wharfedale Pro

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

XLA-118SUB
QUICK START GUIDE

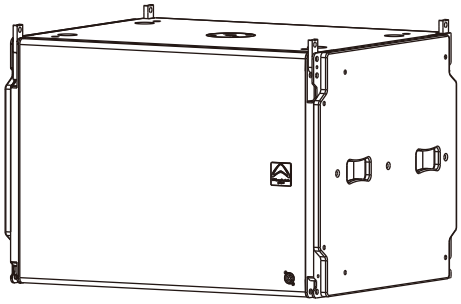
Congratulations on the purchase of your XLA system. We take great pride in engineering and building every Wharfedale Pro product so thank you for entrusting us with your audio. From the time Gilbert Briggs built his rst Wharfedale loudspeaker in 1932, to the present day, we have maintained the same standard of quality in components, workmanship and performance.
For safety reasons and to get the most from your new loudspeaker please take the time to read this guide completely.

To get the most from your system and to protect it from potential damage, always use with Factory DSP Presets.
Preset libraries are available for many of our DSP equipped amps and processors.
These presets can be downloaded from https://www.wharfedalepro.com/download/wharfedale-pro-preset-library/

For system design use EASE Focus software. (https://www.afmg.eu/en/ease-focus)
The EASE library can be downloaded from https://www.wharfedalepro.com/download/wharfedale-pro-ease-library/

Specifications

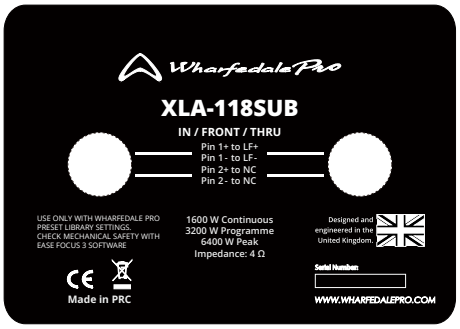
Model Name	**XLA-118SUB**
Design	Subwoofer
System Type	18" Subwoofer
Configuration	Single driver, ported subwoofer
Frequency Response (+/-3 dB)	35 Hz - 125 Hz
Frequency Range (-10 dB)	28 Hz - 160 Hz
Sensitivity 2.83 V / 1 m	103 dB*
Calculated Maximum SPL @1 m	141 dB*
System Peak SPL	147 dB**
System Rated Impedance	4 Ω
Low Frequency Transducer	
Size (mm / inches)	462 mm / 18"
Voice Coil Size (mm / inches)	101.6 mm / 4.0" DUO in/out voice coil
LF Frame Material	Cast Aluminium
Driver Brand	BEYMA
Power (AES2)	
System Continuous Power	1600 W
System Programme Power	3200 W
System Peak Power	6400 W
Crossover frequency	100 Hz
Recommended HPF = BW 18 dB/oct.	30 Hz
Input Connector	3 x speakON NL4 (2 rear, 1 front)
Rigging & Hardware	4 points for rigging
Optional Accessories	Dolly Board
Hardware	XLA Common Fly Frame
Hareware	M20 Pole mount
Handle	2 side (4 pcs) + 2 back
Enclosure	Rectangular
Enclosure Material and Finish	18 mm plywood with Tough-Tone finish
Colour	Black
Grille Material & Finish	Powder coated perforated steel
Dimensions - Unpacked	
Height	535 mm / 21.1"
Width	790 mm / 29.9"
Depth	566 mm / 23.4"
Dimensions - Packed	
Height	620 mm / 24.4"
Width	870 mm / 34.3"
Depth	675 mm / 26.6"
Weight	
Net Weight	72.16 Kg / 158.8 lbs
Gross Weight	81.52 Kg / 179.3 lbs



Special Features

- **Aluminium demodulating ring**
- **Waterproof LF cone**
- **Maltcross® TCS**
- **Inverted Stack Gradient Array (iSGA) configurable**

Pin out connections



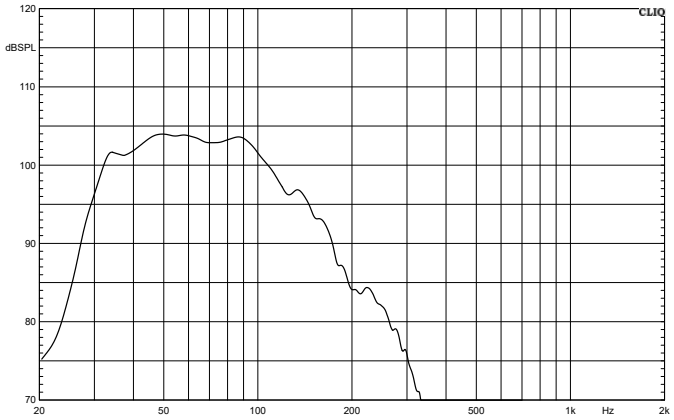
Pin 1+	**to**	**LF+**
Pin 1-	**to**	**LF-**
Pin 2+	**to**	**NC**
Pin 2-	**to**	**NC**

*** 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.**
- USE ONLY WITH WHARFEDALE PRO PRESET LIBRARY SETTINGS.
- CHECK MECHANICAL SAFETY WITH EASE FOCUS 3 SOFTWARE.

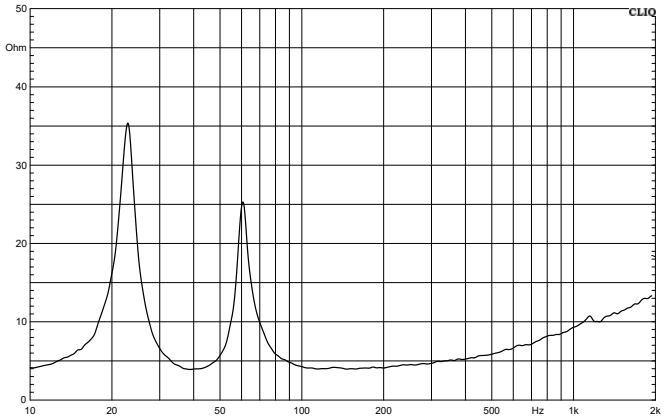
Response Graphs

* Using Factory preset

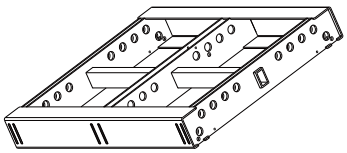
Frequency

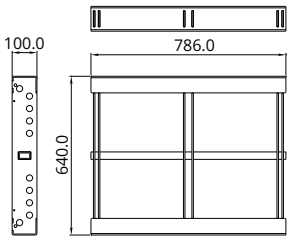


Impedance



Optional XLA Common Fly Frame

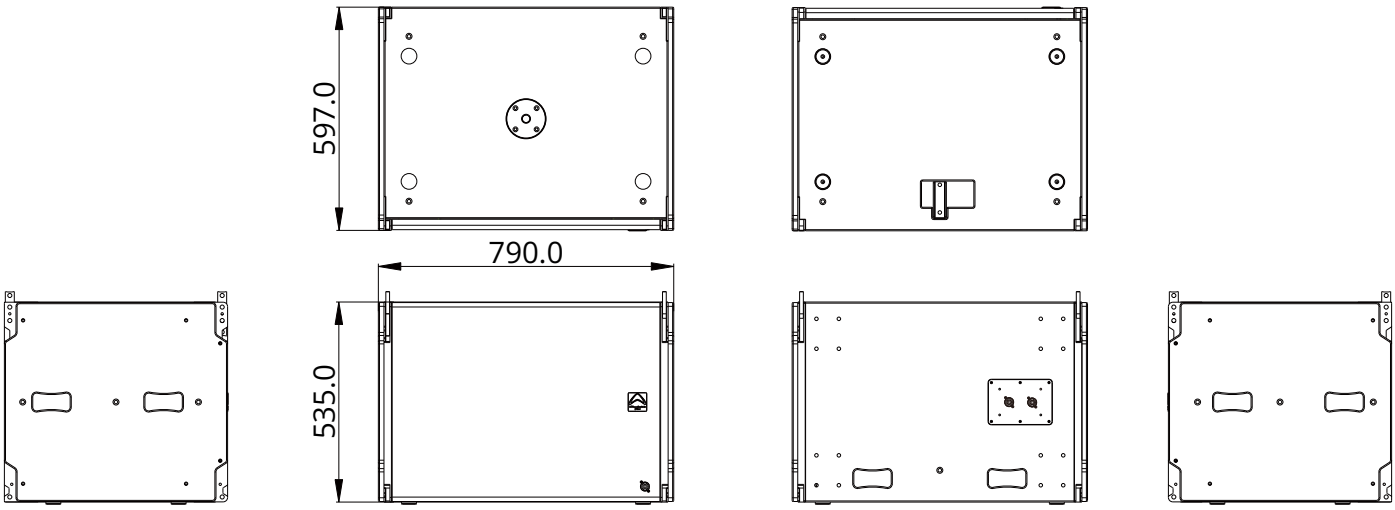




The optional Common Fly Frame allows for 16 x XLA-308 or equivalent weight of mixed element with XLA-118SUB 10:1 safety factor WLL.

Net weight: 28.22 Kg / 62.1 lbs
Gross weight: 30.2 Kg / 66.4 lbs

Dimensional Drawings



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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www.wharfedalepro.com
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