Wharfedale Pro

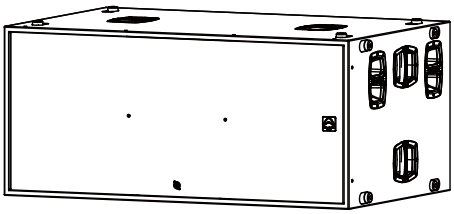
Your full user manual can also be downloaded from www.wharfedalepro.com

XLA-221SUB
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/



Special Features

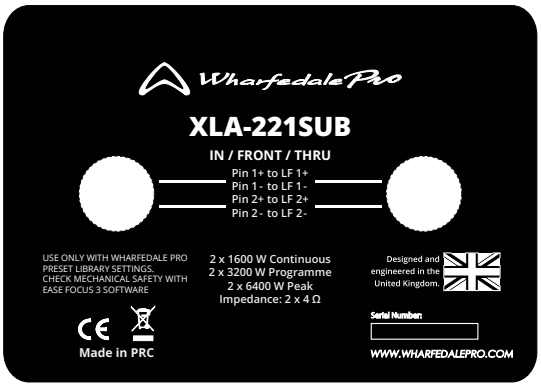
- **Aluminium demodulating ring**
- **Waterproof LF cone**
- **Maltcross® TCS**
- **Inverted Stack Gradient Array (iSGA) configurable**
- **FLP - Flared Laminar Port**

Specifications

Model Name	**XLA-221SUB**
Design	Subwoofer
System Type	2 x 21" Subwoofer
Configuration	Dual driver, ported Subwoofer
Frequency Response (+/-3 dB)	25 Hz - 100 Hz
Frequency Range (-10 dB)	18 Hz - 125 Hz
Sensitivity 2.83 V / 1 m	106 dB* (DISCRETE DRIVE)6
Calculated Maximum SPL @1 m	147 dB*
System Peak SPL	153 dB**
System Rated Impedance	2 x 4 Ω
Low Frequency Transducer	
Size (mm / inches)	2 x 545 mm / 21"
Voice Coil Size (mm / inches)	101.6 mm / 4.0" QUATTRO (4 layers)
LF Frame Material	Cast Aluminium
Driver Brand	BEYMA
Power (AES2)	
System Continuous Power	2 x 1600 W
System Programme Power	2 x 3200 W
System Peak Power	2 x 6400 W
Crossover frequency	100 Hz
Recommended HPF = BW 18 dB/oct.	20 Hz
Input Connector	3 x speakON NL4 (2 rear, 1 front)
Handle	4 (8 pcs) + 2 (4 pcs) sides
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	600 mm / 23.6"
Width	1345 mm / 52.95"
Depth	850 mm / 33.5"
Dimensions - Packed	
Height	685 mm / 26.97"
Width	1420 mm / 55.9"
Depth	900 mm / 35.43"
Weight	
Net Weight	114 Kg / 250.8 lbs
Gross Weight	133 Kg / 292.6 lbs

*** 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.

Pin out connections

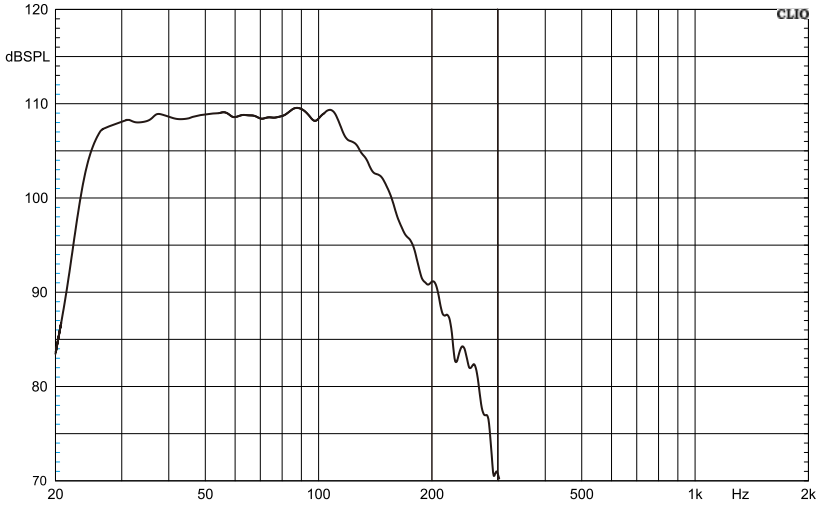


Pin 1+	**to**	**LF+**
Pin 1-	**to**	**LF-**
Pin 2+	**to**	**LF 2+**
Pin 2-	**to**	**LF 2-**

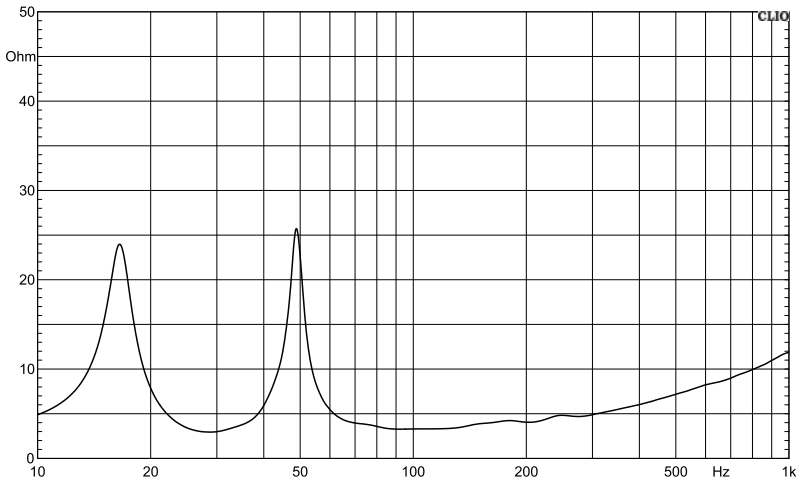
Response Graphs

* Using Factory preset

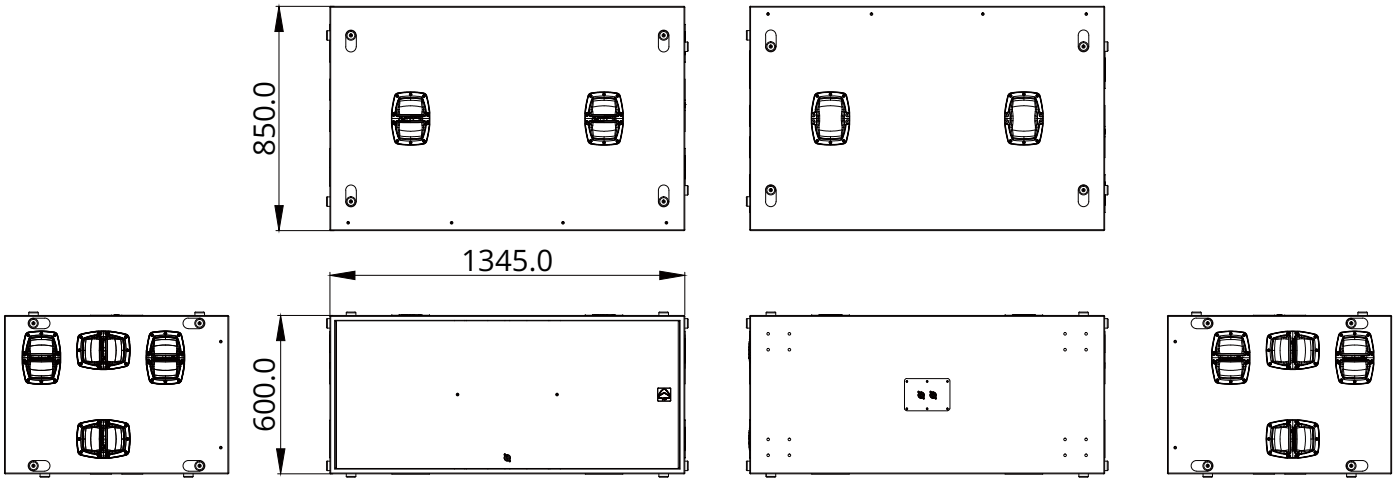
Frequency



Impedance



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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