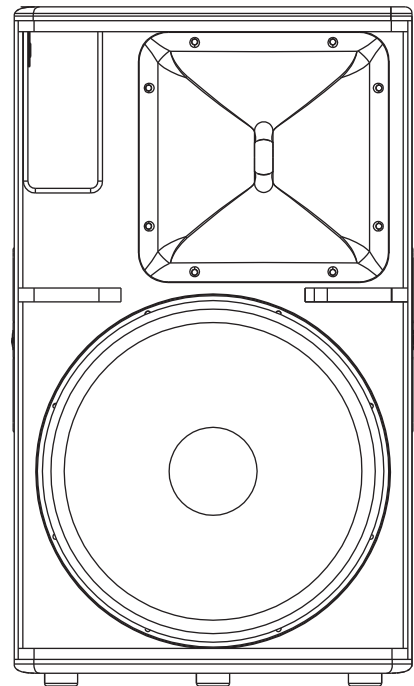
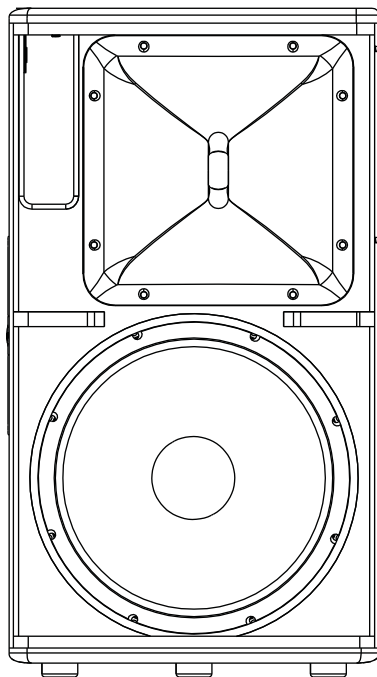


WLA SERIES

WLA-12MX

WLA-15MX



*Wharfedale
Pro*

www.wharfedalepro.com

WLA SERIES LINE ARRAYS

Around the world WLA series line arrays are used in demanding environments. Systems expand and customers demand larger rigs with more configuration flexibility. WLA series floor monitors are the perfect addition to a WLA rig.

Constructed of the finest 15 mm Russian birch plywood and using custom Wharfedale Pro drivers with high flux densities, they have the performance and construction quality for relentless touring and demanding on-stage abuse.

IMPORTANT WARNINGS & SAFETY INSTRUCTIONS

1. **READ ALL INSTRUCTIONS** – Carefully and become familiar with the features and functions of these products before operating them.
2. **RETAIN THESE INSTRUCTIONS** – For future reference.
3. **COMPLY WITH ALL WARNINGS** – Non compliance may void warranty of the product.
4. **USE WITH AMPLIFIERS** – In order to avoid damage to drivers and other equipment, it is advisable to establish and follow a routine for powering up and powering down a sound system. With all system components connected, turn on source equipment (mixers, signal processors, record and playback units etc.) **BEFORE** powering up amplifiers. Transient voltages from powering up source equipment can damage speakers if amplifiers are already turned on. Make sure that amplifier volumes are set to their minimum settings and power up any system amplifiers **LAST**. It is recommended that all system components be allowed to stabilize for few seconds before any source signals are introduced or level setting adjustments are made. Similarly, when shutting systems down, turn all amplifiers off first, before powering down any other system components.
5. **CABLES** – Do not use shielded or microphone cables for connection between amplifiers and speakers. Use only approved speaker cables with proper connectors.
6. **RIGGING – SUSPENDING – MOUNTING – RIGGING** – Suspending and mounting of these speaker systems can expose members of the public to serious health risks and even death. Under no circumstances attempt to rig, suspend or otherwise mount these speakers unless you are fully qualified and certified to do so by relevant local, state and national authorities. All relevant safety regulations must be followed. If you are not properly qualified or do not know of pertinent regulations, consult qualified personnel for advice.
7. **CAUTION** – These professional loudspeaker systems are capable of generating very high sound pressure levels. Use care with placement and operation to avoid exposure to excessive volume levels. Permanent hearing damage can result when operated to extreme levels.
8. **SERVICE** – There are no user serviceable parts inside this product. Users should not attempt to service this product. Warranty nullification could result if this is attempted.

INTRODUCTION

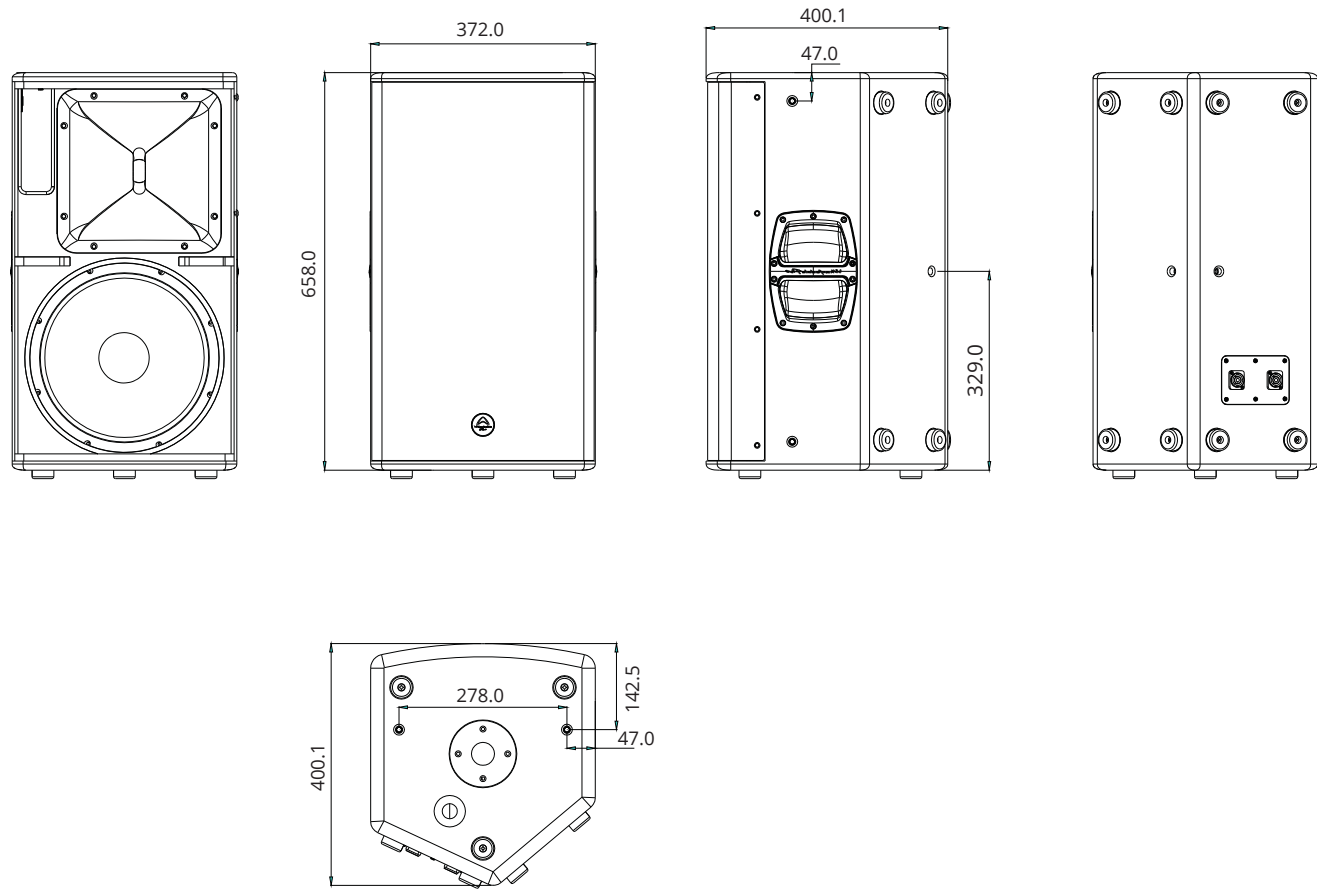
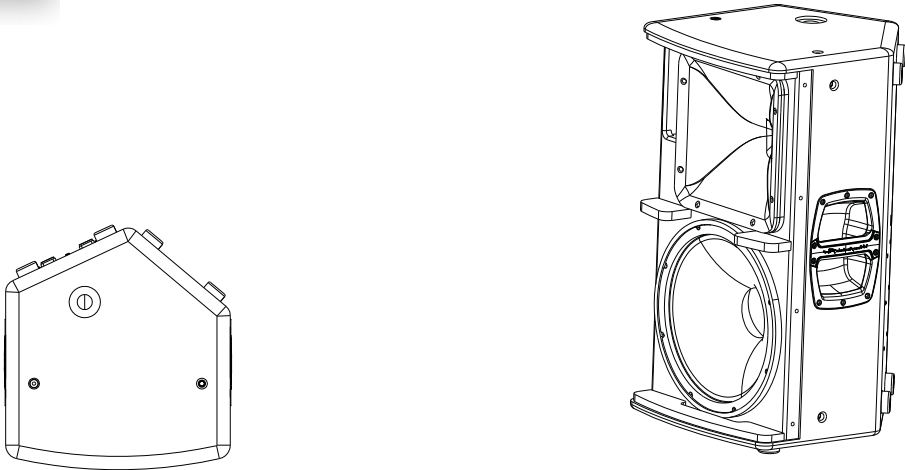
Wharfedale Pro WLA-12MX and WLA-15MX loudspeakers are the result of many years of experience in the use, design and manufacture of professional loudspeaker products. We take great pride in engineering and building every Wharfedale Pro loudspeaker and would like to thank you for entrusting us with your sound solutions.

WLA-12MX/ WLA-15MX FEATURES

- 3.0" Neo HF compression drivers with high flux density.
- Rotatable horns for horizontal or vertical applications.
- Multiple Neutrik NL4MP connectors on top, side and rear.
- Aluminium ring in LF transducer to reduce harmonic distortion.
- 15 mm Russian birch plywood construction.
- Rotatable HF horn.
- The horn of the WLA-12MX and WLA-15MX can be rotated. This rotation will provide either 60° horizontal and 90° vertical or 90° horizontal and 60° vertical.

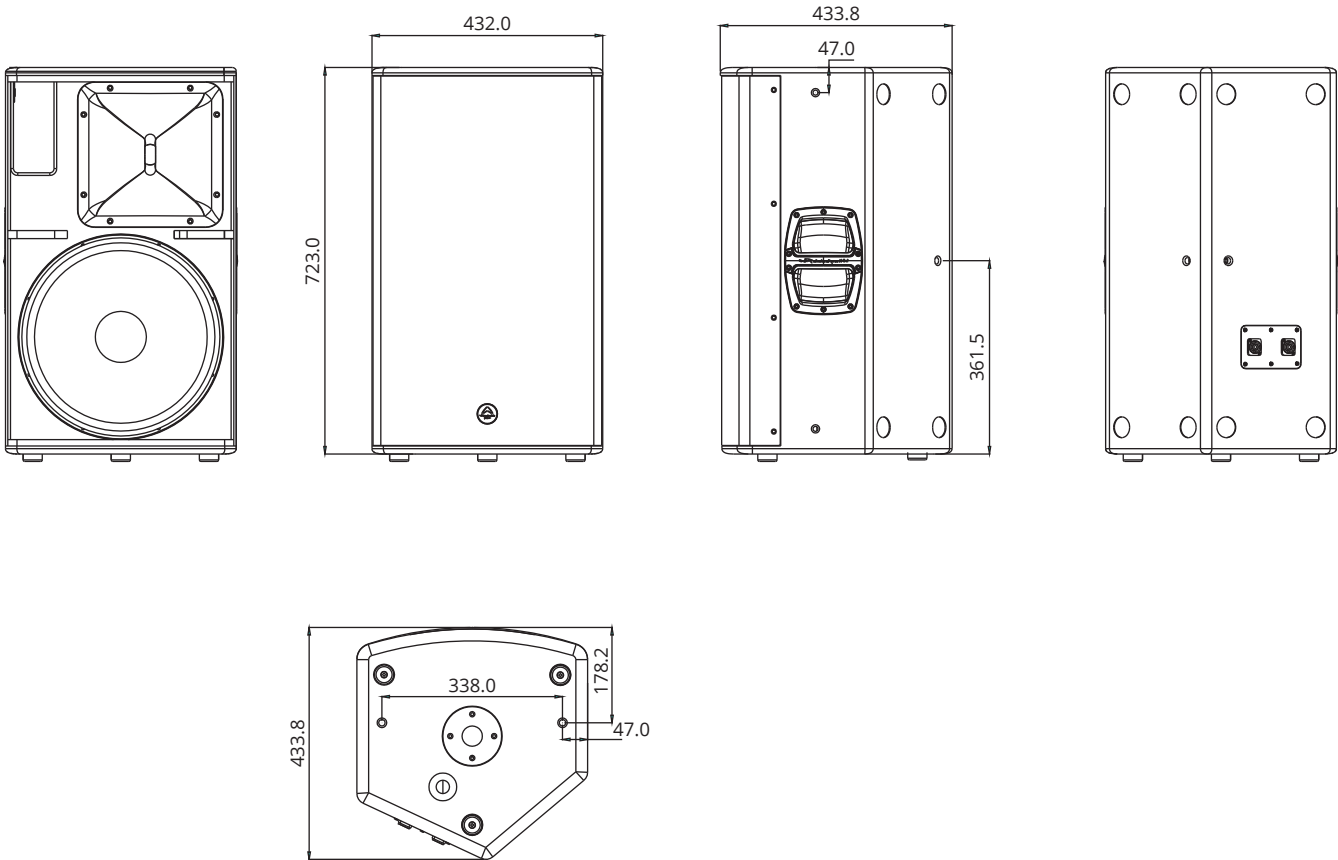
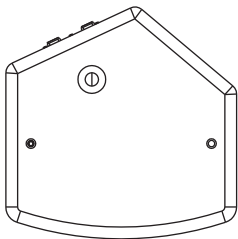
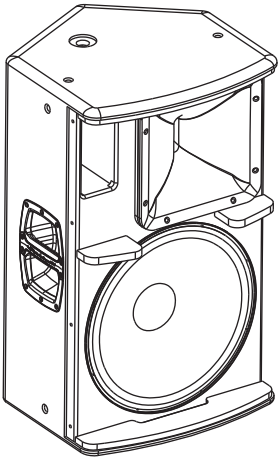
DIMENSIONS

WLA-12MX
12" Two - Way Monitor Passive System



DIMENSIONS

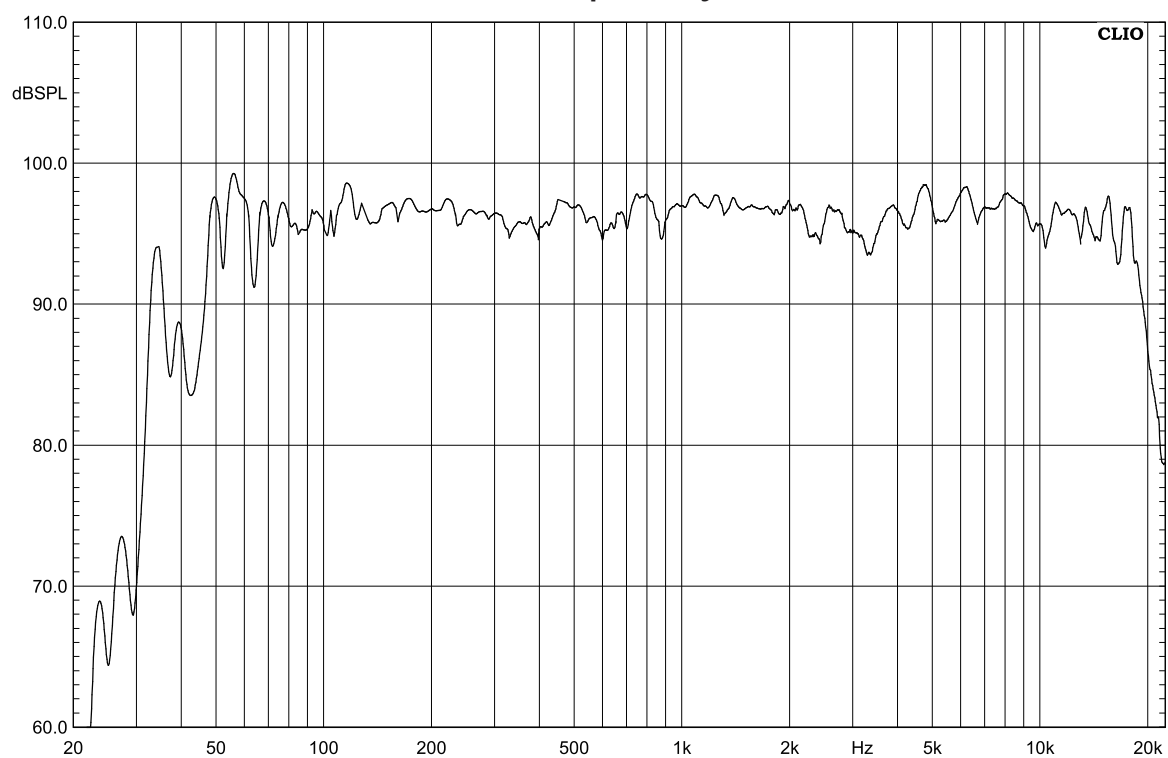
WLA-15MX
15" Two - Way Monitor Passive System



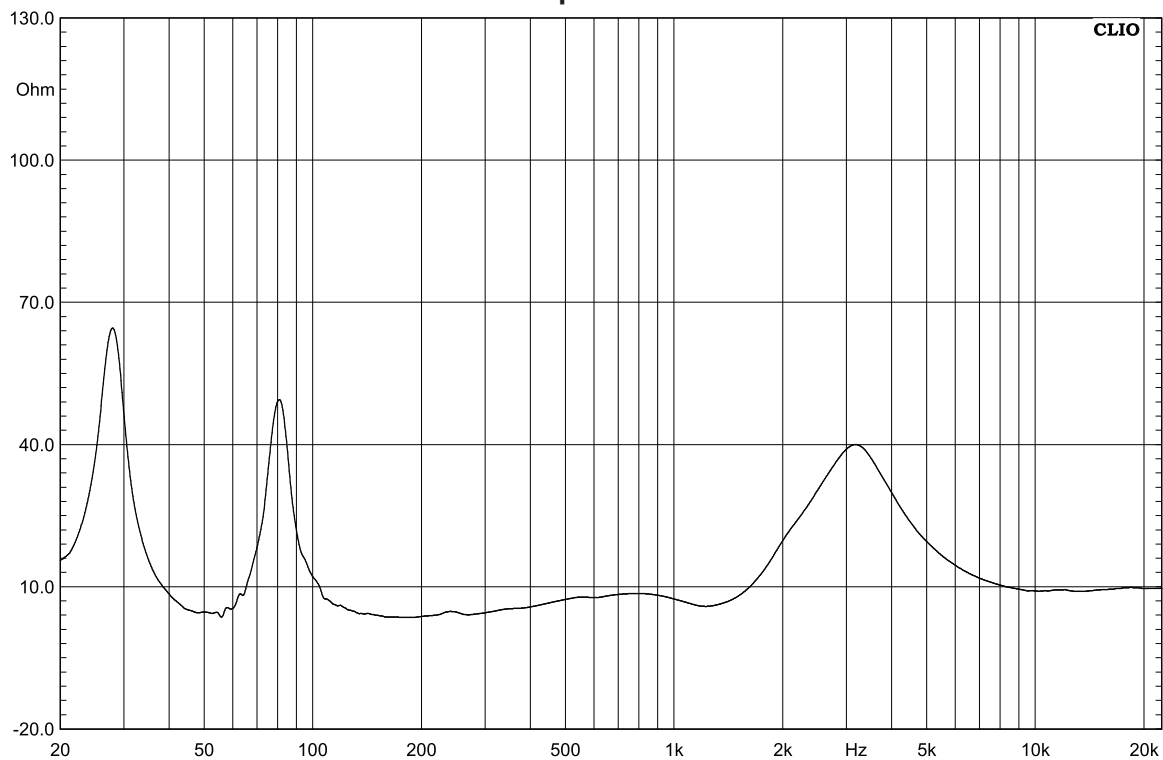
Frequency / Impedance graphs

WLA-12MX

Frequency



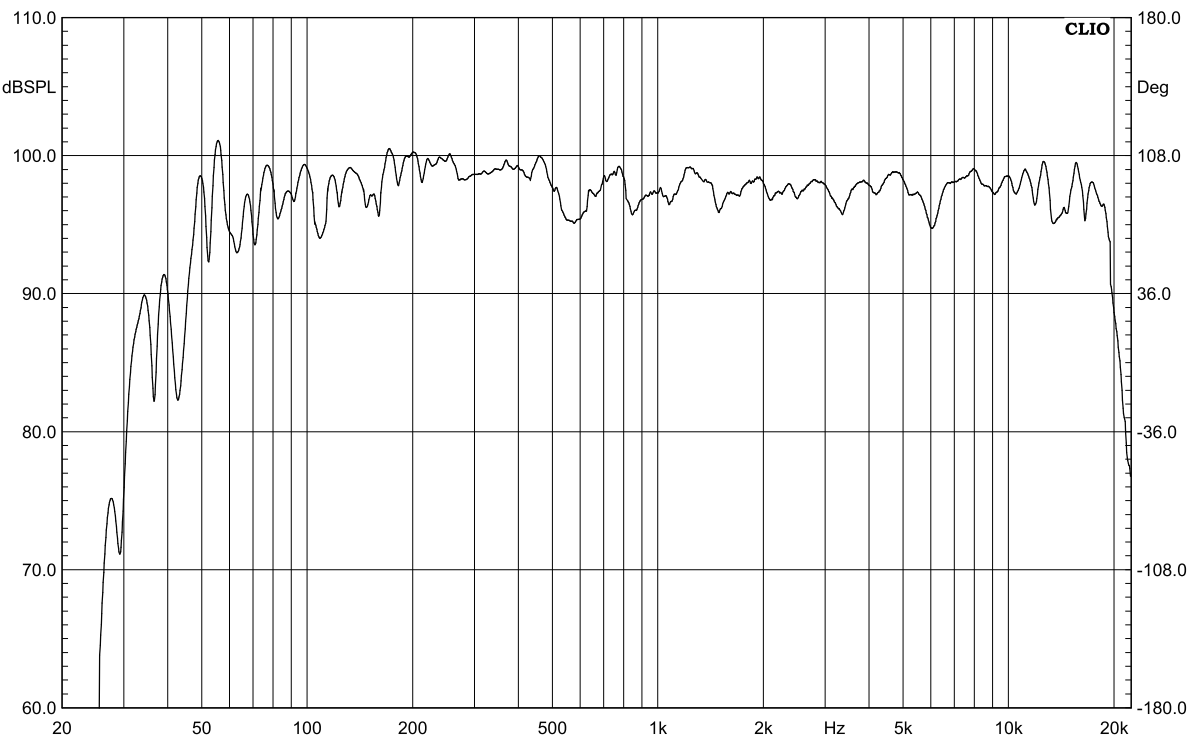
Impedance



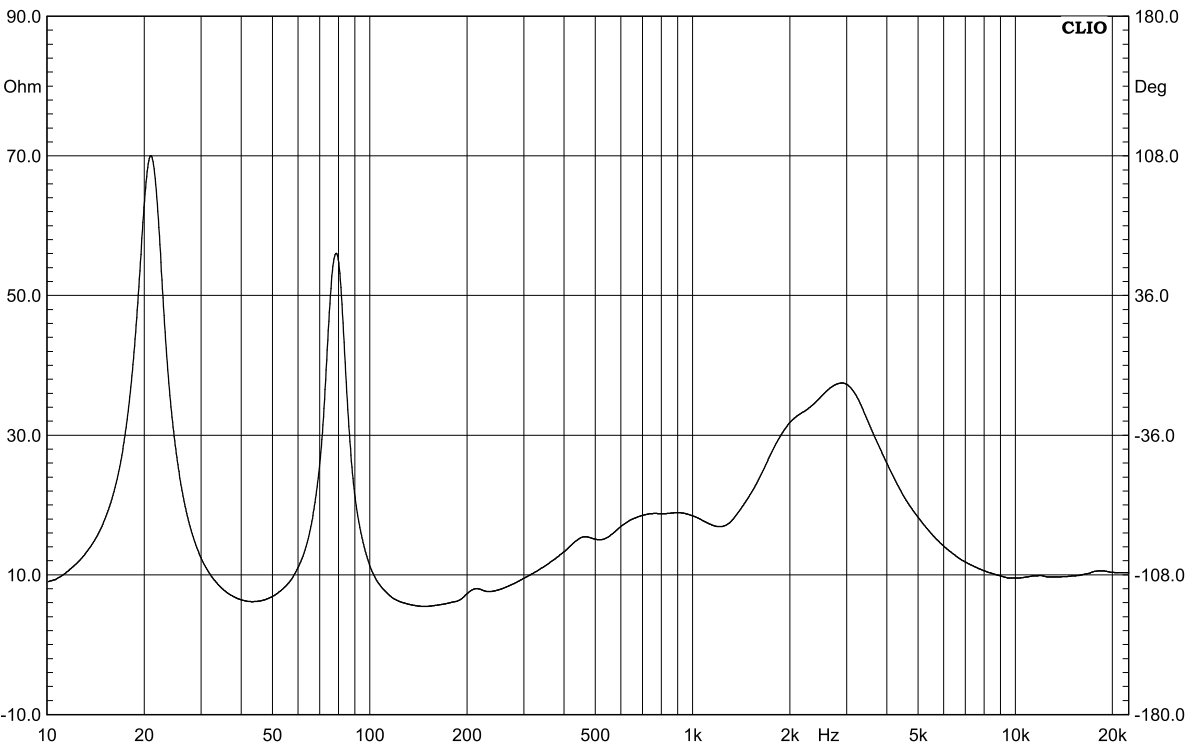
Frequency / Impedance graphs

WLA-15MX

Frequency



Impedance



SPECIFICATIONS

Model Name	WLA-12MX	WLA-15MX
System Type	Passive	Passive
Configuration	Two-way Monitor	Two-way Monitor
Frequency Response (+/-3 dB)	55-20 KHz	45-20 KHz
Frequency Range (- 10 dB)	50-20 KHz	40-20 KHz
Sensitivity 2.83 V / 1 M	98 dB	99.5 dB
Calculated Maximum SPL @1 M	131 dB	134 dB
System Rated Impedance	8 Ω	8 Ω
Low Frequency Transducer		
LF Size (mm / inches)	331 mm / 12"	390 mm / 15"
LF Voice Coil Size (mm / inches)	76.2 mm / 3"	102 mm / 4"
LF Magnet Material	ferrite	ferrite
LF Frame Material	aluminium	aluminium
Rated Impedance	8 Ω	8 Ω
LF Power re:AES2-2012	500 W	700 W
High Frequency Transducer		
HF Driver Type	Compression Driver	Compression Driver
Coil Size (mm / inches)	75 mm / 3.0"	75 mm / 3.0"
Exit Size (mm / inches)	35.5 mm / 1.4"	35.5 mm / 1.4"
HF Magnet Material	NdFeB	NdFeB
Diaphragm Material	Titanium	Titanium
Rated Impedance	8 Ω	8 Ω
HF Power re:AES2-2012	90 W	90 W
Waveguide Type	square	square
Nominal Coverage (H x V)	90° x 60° (Rotatable)	90° x 60° (Rotatable)
Power		
System Continuous Power (w)	500 W	700 W
System Programme Power (w)	1000 W	1400 W
System Peak Power (w)	2000 W	2800 W
Input Connector	4 x NL4MP (speakON Compatible)	4 x NL4MP (speakON Compatible)
Rigging	M10 x 10	M10 x 10
pole mount	35 mm	35 mm
handles	2 on Sides	2 on Sides
Enclosure		
cabinet type	polygon	polygon
Enclosure Material and finish	15 mm plywood	15 mm plywood
Colour Options	black paint	black paint
Grille Material & Finish	steel	steel
Dimensions - Unpacked (mm / inches):		
Height	658 mm / 25.9"	723 mm / 28.5"
Width	372 mm / 14.6"	432 mm / 17.0"
Depth	400.1 mm / 15.8"	434 mm / 17.1"
Dimensions - Packed (mm / inches):		
Height	746 mm / 29.4"	811 mm / 31.9"
Width	442 mm / 17.4"	480 mm / 18.9"
Depth	470 mm / 18.5"	512 mm / 20.2"
Weight		
Net Weight (kg / lbs)	25.5 kg / 56.1 lbs	31.86 kg / 69.96 lbs
Gross Weight (kg / lbs)	27.82 kg / 61.2 lbs	34.7 kg / 76.34 lbs

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 Professional

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www.wharfedalepro.com

Wharfedale Professional reserves the right to alter or improve specifications without notice.

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