



## NEW PRODUCT INFORMATION

# DELTA X

## Refinement in detail

Delta X builds on the global success of the Wharfedale Pro Delta series.

Constructed from 15mm plywood and covered in the highest quality Rhino Rock paint, the new Delta X models are instantly recognisable by their engraved iconic Wharfedale Pro 'boomerang' logo on their cabinets. The fresh cosmetic design however is not the only improvement the engineering team have made.

Internally Delta X also has a new crossover design and construction. Using new component positioning and bracing, the sensitive crossover electronics have been re-engineered to improve long term performance and reliability – even at the highest of volumes.

With rear panel switching, Delta X can operate in either Bi-Amp or Full range modes. This routing flexibility allows for Delta X systems to be refined using multiple amplifiers and external crossovers.

Custom Wharfedale Pro transducers have also been selected. High output, low physical distortion cast frame woofers deliver unparalleled low frequency response. With the exception of the Delta X10, 2" titanium compression drivers are coupled to 90°x45° elliptical waveguides for impressive output level and smooth HF dispersion.

With a full lineup of 9 new models, ranging from the 300w RMS Delta X10 to the 1600w RMS Dual Chamber 2 x 18" Delta X218 subwoofer, Delta X models are perfect for fixed installation and touring applications.

### WHAT MODELS ARE AVAILABLE?

A complete lineup of 9 models

**Delta X10, X12, X15, X215**

**Delta X12M, X15M**

**Delta X15B, X18B, X218B**

### WHAT MAKES THEM GREAT?

- ✓ Robust crossover design
- ✓ Plywood construction with internal bracing
- ✓ Externally switchable full range/bi-amp modes
- ✓ 4-way high impact plastic carry handles
- ✓ High power, low distortion cast frame woofers

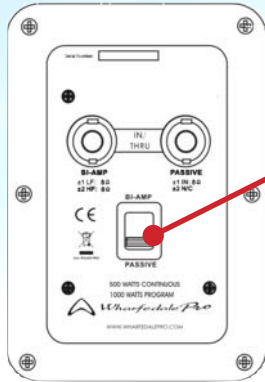
### WHO ARE THEY FOR?

Fixed installation and touring.

# UP CLOSE

## FULL RANGE MODELS (inc Monitors)

Delta X10, Delta X12/12M, Delta X15/15M, Delta X215



Bi-amp and Passive mode switching

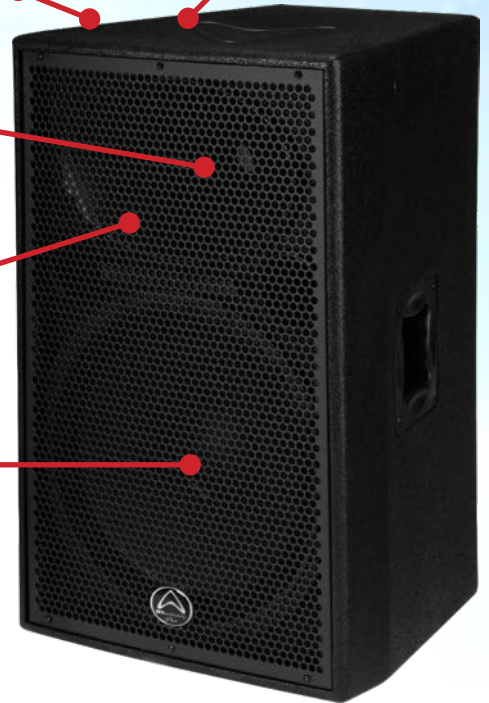
15mm Plywood construction

Enhanced Rhino Rock paint finish

2" titanium HF compression drivers (Delta X10 1.75")

90° x 45° elliptical waveguide (Delta X10 90° x 60°)

3" voice coil (Delta X10 2.5")

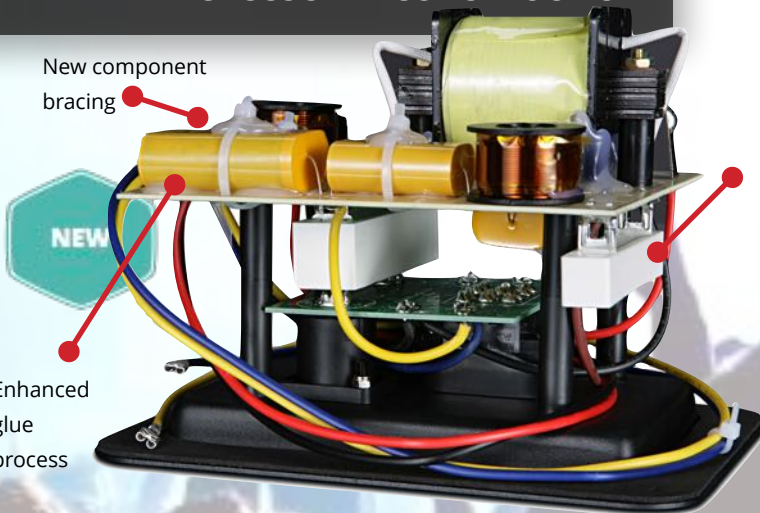


## REFINED CROSSOVER CONSTRUCTION

New component bracing

New component positioning

Enhanced glue process



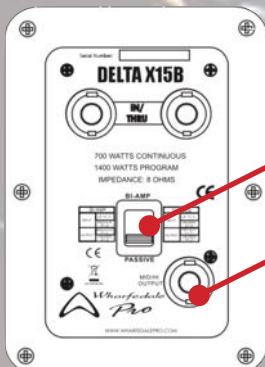
All models feature the iconic Wharfedale Pro boomerang engraved on the surface

## SUBWOOFERS

Delta X15B / Delta X18B

## SUBWOOFERS

Delta X218B



Bi-amp and Passive mode switching

Mid/ Hi output

Parallel / Discrete mode. 4Ω / 8Ω



# DELTA X SPECIFICATIONS

Model Name	DELTA X10	DELTA X12	DELTA X15	DELTA X12M	DELTA X15M	DELTA X215	DELTA X15B	DELTA X18B	DELTA X218B
System Type	Passive	Passive	Passive	Passive	Passive	Passive	Passive	Passive	Passive
Configuration	Two-way	Two-way	Two-way	Two-way	Two-way	Quassi Three-way	Subwoofer	Subwoofer	Dual Chamber Subwoofer
Frequency Response (+/-3dB)	65-20KHZ	60-20KHZ	50-20KHZ	60-20KHZ	55-20KHZ	45-20KHZ	42-2kHZ(BI-AMP)	38-1.5kHZ(BI-AMP)	30-1.5KHZ
Frequency Range (-10 dB)	60-20KHZ	55-20KHZ	45-20KHZ	55-20KHZ	50-20KHZ	45-20KHZ	38-150HZ	30-1.5KHZ	30-1.5KHZ
Sensitivity (2.83v/1m)	97dB	97dB	98dB	97dB	98dB	101dB	98dB	99dB	100dB
Calculated Maximum SPL @1m	128dB	129dB	131dB	129dB	131dB	137dB	132dB	134dB	138dB
System Rated Impedance	8Ω	8Ω	8Ω	8Ω	8Ω	4Ω	8Ω or 4Ω	8Ω or 4Ω	Parallel:4Ω Discrete:8Ω x2
<b>Low Frequency Transducer</b>									
Size	288mm / 10" Paper	332mm / 12" Paper	404mm / 15" Paper	332mm / 12" Paper	404mm / 15" Paper	2 x 404mm / 15"	404mm / 15"	470mm / 18"	470mm / 18"
Voice-Coil Size	63.5mm / 2.5"	77.1mm / 3"	77.1mm / 3"	77.1mm / 3"	77.1mm / 3"	77.1mm / 3"	102mm / 4"	102mm / 4"	102mm / 4"
Rated Impedance	8Ω	8Ω	8Ω	8Ω	8Ω	2x8Ω	8Ω or 4Ω	8Ω or 4Ω	2x8Ω
LF Power (re:AES2-2012)	300W	400W	500W	400W	500W	2x500W	700W	800W	800W
<b>High Frequency Transducer</b>									
HF Driver Type	Compression Driver	Compression Driver	Compression Driver	Compression Driver	Compression Driver	Compression Driver	-	-	-
Voice-Coil Size	44.5mm / 1.75"	50.8mm / 2"	50.8mm / 2"	50.8mm / 2"	50.8mm / 2"	50.8mm / 2"	-	-	-
Exit Size	25.4mm / 1"	35.6mm / 1.4"	35.6mm / 1.4"	35.6mm / 1.4"	35.6mm / 1.4"	35.6mm / 1.4"	-	-	-
Diaphragm Material	Titanium	Titanium	Titanium	Titanium	Titanium	Titanium	-	-	-
Rated Impedance	8Ω	8Ω	8Ω	8Ω	8Ω	8Ω	-	-	-
HF Power (re:AES2-2012)	40W	50W	50W	50W	50W	50W	-	-	-
Nominal Coverage (H x V)	90° x 60°	90° x 45°	90° x 45°	90° x 45°	90° x 45°	90° x 45°	-	-	-
<b>Power</b>									
System Continuous Power	300W	400W	500W	400W	500W	1000W	700W	800W	1600W Parallel / 800W Discrete
System Programme Power	600W	800W	1000W	800W	1000W	2000W	1400W	1600W	3200W Parallel / 1600W Discrete
System Peak Power	1200W	1600W	2000W	1600W	2000W	4000W	2800W	3200W	6400W Parallel / 3200W Discrete
Crossover frequency	2.8kHz	1.8kHz	1.8kHz	1.8kHz	1.8kHz	1.8Hz	-	-	-
Input Connector	2 x NL4 (speakON Compatible)	2 x NL4 (speakON Compatible)	2 x NL4 (speakON Compatible)	2 x NL4 (speakON Compatible)	2 x NL4 (speakON Compatible)	2 x NL4 (speakON Compatible)	2 x NL4 (speakON Compatible)	2 x NL4 (speakON Compatible)	2 x NL4 (speakON Compatible)
Output Connector							1 x speakON Mid/Hi output	1 x speakON Mid/Hi output	
Hardware Pole Mount	Dual Angle 35mm	Dual Angle 35mm	Dual Angle 35mm				35mm	35mm	
Handles	2 on Sides	2 on Sides	2 on Sides	2 on Sides	2 on Sides	2 on Sides / 1 on Back	2 on Sides	2 on Sides	4 on Sides
Enclosure Material	15mm Plywood	15mm Plywood	15mm Plywood	15mm Plywood	15mm Plywood	15mm Plywood	15mm Plywood	15mm Plywood	18mm Plywood
Finish	black paint	black paint	black paint	black paint	black paint	black paint	black paint	black paint	black paint
Grille Material & Finish	1.5 mm Steel Black or White	1.5 mm Steel Black	1.5 mm Steel Black	1.5 mm Steel Black	1.5 mm Steel Black	1.5 mm Steel Black	1.5 mm Steel Black	1.5 mm Steel Black	1.5 mm Steel Black
<b>Dimensions - Unpacked</b>									
Height	500mm / 19.7"	630mm / 24.8"	700mm / 27.6"	449(SITU)mm/17.7"	493(SITU)19.4"	1135mm / 44.7"	471mm / 18.5"	539mm / 21.2"	541mm / 21.3"
Width Front	338mm / 13.3"	390mm / 15.3"	446mm / 17.6"	390mm/15.4"	446mm/17.6"	488mm / 19.2"	471mm / 18.5"	539mm / 21.2"	1041mm / 41"
Width Rear	212.4mm / 8.4"	241.2mm / 9.5"	281.4mm / 11.1"	390mm/15.4"	446mm/17.6"	299.6mm / 11.8"	471mm / 18.5"	539mm / 21.2"	1041mm / 41"
Depth	330mm / 13"	373mm / 14.7"	406mm / 16"	618mm/24.3"	685mm/27"	450mm / 17.7"	600mm / 23.6"	650mm / 25.6"	650mm / 25.6"
<b>Dimensions - Packed (mm / inches):</b>									
Height	575mm / 22.6"	773mm / 28.9"	803mm / 31.6"	462mm / 18.2"	518mm / 20.4"	1218mm / 48.0"	556mm / 21.9"	624mm / 24.6"	626mm / 25.6"
Width Front	400mm / 15.7"	566mm / 22.3"	622mm / 24.5"	690mm / 27.2"	757mm / 29.8"	558mm / 22.0"	543mm / 21.4"	611mm / 24.1"	1126mm / 44.3"
Width Rear	300mm / 11.8"	566mm / 22.3"	622mm / 24.5"	690mm / 27.2"	757mm / 29.8"	558mm / 22.0"	543mm / 21.4"	611mm / 24.1"	1126mm / 44.3"
Depth	386mm / 15.2"	464mm / 18.3"	498mm / 19.6"	522mm / 20.6"	565mm / 22.2"	522mm / 20.6"	672mm / 26.5"	722mm / 28.4"	722mm / 28.4"
Weight									
Net Weight (kg / lbs)	16.58kg / 36.5lbs	24.7kg / 54.5lbs	29.9kg / 65.9lbs	23.18kg/50.9lbs	27.24kg /59.9lbs	52.9kg / 116.6lbs	31.5kg / 69.4lbs	37.3kg / 82.06lbs	78.9kg / 173.9lbs
Gross Weight (kg / lbs)	19.6kg / 43lbs	29kg / 63.8lbs	35.5kg / 78.1lbs	28.5kg/62.7lbs	33.96kg /74.7lbs	59kg / 130lbs	35.12kg / 77.4lbs	43.2kg / 95.04lbs	86kg / 189.6lbs



Errors and omissions excepted (E&OE) : Wharfedale Pro : 2018

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