



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

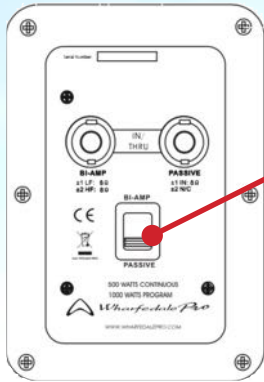
WHO ARE THEY FOR?

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

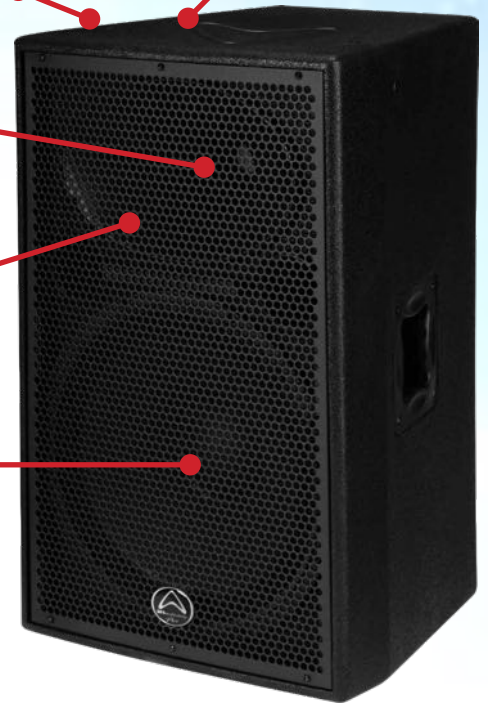
15mm Plywood construction

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")

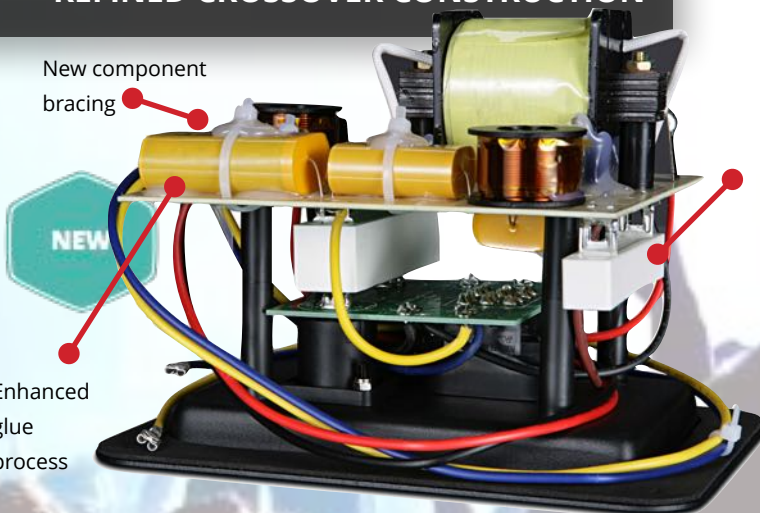


REFINED CROSSOVER CONSTRUCTION

New component bracing

New component positioning

Enhanced glue process



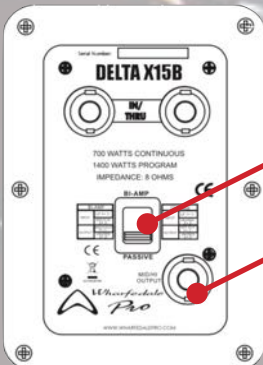
All models feature the iconic Wharfedale Pro boomerang engraved on the surface

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 |
| Low Frequency Transducer | | | | | | | | | |
| 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 |
| High Frequency Transducer | | | | | | | | | |
| 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° | - | - | - |
| Power | | | | | | | | | |
| 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 |
| Dimensions - Unpacked | | | | | | | | | |
| 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" |
| Dimensions - Packed (mm / inches): | | | | | | | | | |
| Height | 575mm / 22.6" | 745mm / 29.3" | 803mm / 31.6" | 462mm/18.2" | 518mm/20.4" | 1218mm / 48" | 556mm / 21.9" | 624mm / 24.6" | 626mm / 25.6" |
| Width Front | 400mm / 15.7" | 566mm / 22.3" | 638mm / 25.1" | 690mm/27.2" | 757mm/29.8" | 558mm / 22" | 672mm / 26.5" | 722mm / 28.4" | 1126mm / 44.3" |
| Width Rear | 300mm / 11.8" | 328mm / 12.9" | 366mm / 14.4" | 690mm/27.2" | 757mm/29.8" | 558mm / 22" | 672mm / 26.5" | 722mm / 28.4" | 1126mm / 44.3" |
| Depth | 386mm / 15.2" | 464mm / 18.3" | 498mm / 19.6" | 522mm/20.6" | 565mm/22.2" | 522mm / 20.6" | 543mm / 21.4" | 611mm / 24.1" | 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&O) : Wharfedale Pro : 2018

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