



TANNOY®

Revolution XT

Revolution in design. Revolution in sound.

# A true Revolution in loudspeaker design

Revolution XT marks a fundamental leap forward in loudspeaker design and the realisation of some of Tannoy's most radical and forward thinking technologies. A revolutionary new Dual Concentric™ driver, innovative dual cavity reflex coupled enclosures and ground breaking acoustic engineering result in a truly class-leading series of loudspeakers.

Revolution XT's new Dual Concentric driver, with its Omnimagnet™ motor and Torus Ogive Waveguide™, is the most significant update to the Dual Concentric concept in its 65-year history. An even smoother response, improved dispersion, outstanding imaging and greater musical dynamics, all build on the underlying strengths of Tannoy's world renowned point source driver technology.

Internally, Revolution XT cabinets are as radical as the new driver. Tannoy's pioneering dual cavity coupled reflex system and downward firing external port delivers the Revolution series' most tuneful and musically coherent bass response to date. The complex internal design is further perfected with an integrated plinth that provides a uniform and predictable low frequency interface to the listening environment, delivering the deepest bass notes with ease.

Hand built with premium audiophile components, the crossover's 'simple straight' design philosophy provides an ultra-clean signal path to retain the utmost musical information. Large, gold-plated bi-wire binding posts allow a robust cable connection for reliable signal transfer.





# A Revolution reinvented

## The Omnimagnet Dual Concentric driver

The parameters available to achieve a high level of audio performance are dictated by established acoustic design principles. Any improvement to an already impeccable driver design is therefore a tough challenge. Utilising the latest electro-acoustic research and tools, this was the task for Tannoy's team of highly experienced engineers whilst developing a new drive unit for the Revolution XT series.

The Omnimagnet Dual Concentric is a completely new interpretation of Tannoy's proprietary point source drive unit philosophy; a major milestone in more than 65 years of the company's audio research and development. A revolutionary new HF diaphragm and waveguide have been combined with a single magnet to deliver notable performance advantages.



Providing wider high frequency directivity, the HF diaphragm and the precision engineered Torus Ogive Waveguide have been brought further forward. Based on innovative new patent pending design principles, the shallower waveguide improves dispersion, gives more headroom and enables a higher crossover point. Essential to achieving the desired directivity improvements, the wavefront expands at a faster rate, delivering articulate and precise reproduction, both on and off-axis, through closer acoustic centre alignment and phase coherence.

## Dual-cavity reflex coupled cabinet

Revolution XT cabinets feature a radical reflex coupled dual cavity design. This cabinet optimises performance of the new Omnimagnet Dual across extremely low to mid-bass frequencies. This further refines instrumental accuracy and communication throughout the lower registers. The culmination of three years Tannoy R&D, the system also reduces vertical standing waves within the cabinet, leading to exceptionally tight, tuneful and controlled bass down to the very lowest notes.

## Integral plinth design

The new Revolution XT plinth is an integral part of the design's acoustic engineering. It offers exceptional loudspeaker stability and forms part of the reflex loading system on the 6 and 8 inch floorstanding models. On the Revolution XT 6F and XT 8F, energy exits from an angled down-firing port and is directed into the room. Similarly, the XT6 stand mounted model benefits from a dedicated bass loading plinth. This results in deep bass with exceptional differentiation of instrumental notes. In addition, the design reduces room boundary effects and facilitates easy loudspeaker placement.

## Revolutionary finish

Revolution XT builds on the success of the original Revolution series' familiar trapezoid cabinets with their non-parallel sides and incredibly low cabinet colouration. Hand finished real wood veneers in either dark walnut or medium oak, extensive driver detailing and engraved aluminium trim put Revolution XT models in a class of their own at the price. The new integrated plinth on the floorstanding models features chunky, easy to adjust aluminium floor spikes with locking thumb wheel and eye catching chrome pillars. The Revolution XT6 stand mount and the innovative Revolution XTC centre-channel model have matching plinth assemblies for unrivalled stability and a truly unique Revolution XT style. The XTC plinth allows the centre speaker to be tilted downwards, upwards or facing directly forward allowing flexibility in placement above or below a TV.

Attention to detail? Take a very close look at each of the driver bolts and you will see that they are individually engraved with Tannoy branding!

The all-new Dual Concentric driver combined with the fully optimised cabinet design ensures Revolution XT delivers class-leading accuracy, exceptional off-axis high frequency energy and a natural and expansive soundstage.





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A true Revolution  
in loudspeaker design

# Specifications

## PERFORMANCE

**Recommended amplifier power** (watt RMS)

**Continuous power handling** (watt RMS)

**Peak power handling** (watt)

**Sensitivity** (2.83 volt @ 1 m)

**Nominal impedance** (ohm)

**Frequency response** (-6 dB)

## DRIVE UNITS

**Dual Concentric high frequency**

**Dual Concentric low frequency**

**Bass driver**

## CROSSOVER

**Crossover frequency**

**Crossover type**

## CONSTRUCTION

**Enclosure type**

**Volume**

**Dimensions (H x W x D)**  
incl. plinth

**Net weight**

**Finish**



### REVOLUTION XT 6

25 - 120  
60  
240  
89 dB  
8  
46 Hz - 32 kHz

25 mm (1") Linear PEI dome with Torus Ogive Waveguide and Omnimagnet technology

150 mm (6") multi-fibre paper  
44 mm (1.75") voice coil

-

1.8 kHz  
Passive low loss  
2nd order low pass, 1st order high pass

Downward ported reflex

10.8 l (0.38 cu. ft.)

400.5 x 221 x 302 mm  
(15.8 x 8.7 x 11.9")

7.5 kg (16.4 lbs)

Dark Walnut  
Medium Oak



### REVOLUTION XT 6F

25 - 150  
75  
300  
90 dB  
8  
38 Hz - 32 kHz

25 mm (1") Linear PEI dome with Torus Ogive Waveguide and Omnimagnet technology

150 mm (6") multi-fibre paper  
44 mm (1.75") voice coil

150 mm (6") multi-fibre paper  
pulp cone with rubber surround.  
44 mm (1.75") edge wound voice coil

250 Hz & 1.8 kHz  
Passive low loss  
2nd order low pass, 1st order high pass

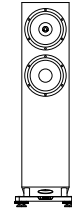
Downward ported twin cavity  
coupled reflex

30.7 l (1.08 cu. ft.)

1005 x 269 x 317 mm  
(39.6 x 10.6 x 12.5")

16.3 kg (35.9 lbs)

Dark Walnut  
Medium Oak



### REVOLUTION XT 8F

25 - 200  
100  
400  
91 dB  
8  
34 Hz - 32 kHz

25 mm (1") Linear PEI dome with Torus Ogive Waveguide and Omnimagnet technology

200 mm (8") multi-fibre paper  
44 mm (1.75") voice coil

200 mm (8") multi-fibre paper  
pulp cone with rubber surround.  
44 mm (1.75") edge wound voice coil

250 Hz & 1.8 kHz  
Passive low loss  
2nd order low pass, 1st order high pass

Downward ported twin cavity  
coupled reflex

48.8 l (1.72 cu. ft.)

1080 x 317 x 345 mm  
(42.5 x 12.5 x 13.6")

19.9 kg (43.9 lbs)

Dark Walnut  
Medium Oak

## PERFORMANCE

**Recommended amplifier power** (watt RMS)

**Continuous power handling** (watt RMS)

**Peak power handling** (watt)

**Sensitivity** (2.83 volt @ 1 m)

**Nominal impedance** (ohm)

**Frequency response** (-6 dB)

## DRIVE UNITS

**Dual Concentric high frequency**

**Dual Concentric low frequency**

**Bass driver**

## CROSSOVER

**Crossover frequency**

**Crossover type**

## CONSTRUCTION

**Enclosure type**

**Volume**

**Dimensions (H x W x D)**  
incl. plinth

**Net weight**

**Finish**

## REVOLUTION XT Mini



25 - 100

50

200

88 dB

8

68 Hz - 52 kHz

20 mm (0.79") Linear PEI dome with  
Torus Ogive Waveguide and  
Omnimagnet technology

100 mm (4") multi-fibre paper  
35 mm (1.38") voice coil

-

2.8 kHz

Passive low loss  
2nd order low pass, 1st order high pass

Rear ported reflex

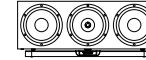
3.4 l (0.12 cu. ft.)

272.2 x 152 x 199.3 mm  
(10.7 x 6.0 x 7.8")

3.7 kg (8.1 lbs)

Dark Walnut  
Medium Oak

## REVOLUTION XT C



25 - 120

60

240

89 dB

8

62 Hz - 52 kHz

20 mm (0.79") Linear PEI dome with  
Torus Ogive Waveguide and  
Omnimagnet technology

100 mm (4") multi-fibre paper  
35 mm (1.38") voice coil

2 x 100 mm (4") multi-fibre paper  
pulp cone with rubber surround.  
35 mm (1.38") edge wound voice coil

2.8 kHz

Passive low loss  
2nd order low pass, 1st order high pass

Rear ported reflex

7.6 l (0.27 cu. ft.)

176.9 x 450 x 205.6 mm  
(7.0 x 17.7 x 8.1")

7.9 kg (17.5 lbs)

Dark Walnut  
Medium Oak



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