TANNOY®

A new performance perspective

revolution

Refined yet passionate, articulate yet authoritative, elegant yet demanding of attention: Tannoy Revolution changes the face of loudspeaker design.
From the luxurious real wood finish trapezoidal cabinets to Tannoy's unique Dual Concentric™ drive unit, the Revolution loudspeaker range blends more than 80 years of Tannoy's world renowned technology with cutting edge contemporary design. Slim and stylish yet capable of musical excellence and movie performances to thrill the senses.

Revolutionary
Revolution is a dynamic blend of design and performance set to transform music and movie entertainment in today's homes. By combining the latest technology, engineering principles and cabinet construction, the result is a compact, contemporary loudspeaker with the accuracy, scale and drama of much larger traditional designs.

Play music
In two channel systems Revolution excels at pin point imaging and revealing the finest of musical details. The WideBand™ Dual Concentric™ driver delivers genuine three dimension imaging underpinned by low frequency extension that combines sheer visceral attack with the expressive tonal detailing required for woodwind and bass string instruments.

Play movies
With multi channel music and film soundtracks, Revolution delivers a huge soundstage backed by stunning transient impact and deep bass effects. The voice matched dialogue speaker preserves the seamless surround sound integration and crisp, timbre-perfect voices irrespective of movie genre or volume.

A real solution
Whether you love music or movies, Beatles or Bach, drama or all-action adventure, Revolution delivers with passion and elegance in equal measure; opulent looks, powerful performance and ideally suited to the widest range of source formats from vinyl LP to DTS HD Master Audio.

REVOLUTION
in sound and style

REVOLUTION in home theatre

Hand finished in real wood veneer, the Revolution range encompasses five models and a dedicated subwoofer to suit every installation.

Mixing and matching the Revolution speakers to create your perfect multichannel home entertainment system is easy. Both the 4 inch and 6 inch Revolution Dual Concentric drivers have been meticulously voice matched to ensure seamless integration between the ultra compact DC4 models and the more powerful DC6 speakers.

For smaller rooms or those looking for the ultimate in small loudspeaker performance, the DC4 T floorstanding speaker and the DC4 stand mount offer unrivalled delicacy and precision. The new 6 inch floor standing and stand mount models add extra weight and dynamic punch to the unique Revolution sound. All four designs are complemented by the DC4 LCR centre channel to deliver a thoroughly captivating home theatre experience however you configure your system.

Potent bass performance and compelling low frequency effects are delivered by the discrete Revolution subwoofer. Designed and finished to the same exacting standards as the core Revolution speakers, inside its ultra rigid veneer finish cabinet is a muscular 160 Watt amplifier powering a forward firing long throw 10 inch drive unit. Proving you do not need a massive cabinet for substantial bass, the Revolution subwoofer faithfully reproduces the impact, punch and drive of action movies.

REVOLUTION in technology

Drive unit technology

Tannoy's Dual Concentric™ drivers have long been respected for their musical coherence, precision and detail. The Revolution range incorporates two bespoke versions of this world renowned technology in 4 inch (100mm) and 6 inch (150mm) cone diameter. High powered, exceptionally accurate and offering very wide bandwidth, these units combine a multi fibre low frequency cone, titanium dome tweeter and a potent neodymium magnet motor system. Designed to deliver true point source musical integrity and tonal accuracy, each driver's rigid chassis and multi point fixing augments Revolution's spacious and dynamic sound.

Further enhancing low frequency performance, a supplementary bass driver is integrated into the design of the DC4 T and DC6 T floorstanding models and the versatile DC4 LCR centre channel speaker.

Audiophile crossover

Low loss laminated core inductors and audiophile grade polypropylene capacitors are used exclusively throughout the Revolution range. This no compromise approach ensures the best possible signal integrity to both the HF and LF sections of the Dual Concentric™ driver, enhancing the pin-sharp imaging and point source musical integrity for which Tannoy's 'Dual' driver is famed.

Optimum signal path

To minimise pathway signal losses and reduce interaction between individual components, internal structure and component topology is kept as simple as possible. This attention to fine detail runs throughout the Revolution design.

Precious metal components

Silver plated, high purity oxygen free copper internal wiring and chromed speaker terminals are a true high end feature of the Revolution range. These exotic components offer low-loss, high current signal transfer to ensure every musical nuance is reproduced.

Trapezoid cabinets

Giving Revolution its distinctive look and compact footprint, the trapezoidal cabinet design reduces internal resonances and reflections. This acoustically ideal form combined with internal bracing enhances rigidity creating a speaker with incredibly low cabinet colouration. A plinth is provided to extend the footprint of the slim floor standing DC4 T and DC6 T, ensuring stability and improving stereo focus.

REVOLUTION

SPECIFICATIONS

	DC4	DC4 T	DC4 LCR
PERFORMANCE			
Recommended amplifier power (Watts RMS)	20 – 100	20 – 125	20 – 125
Continuous power handling (Watts RMS)	50	62	62
Peak power handling (Watts)	200	250	250
Sensitivity (2.83 Volts @ 1m)	87dB	87dB	87dB
Nominal Impedance (Ohms)	8	8	8
Frequency response (-6dB)	68Hz – 54kHz	54Hz – 54kHz	72Hz – 54kHz
Dispersion (degrees conical)	90	90	90
DRIVE UNITS			
Dual Concentric™ high frequency	19mm (0.75") Titanium dome With Tulip WaveGuide™	19mm (0.75") Titanium dome With Tulip WaveGuide™	19mm (0.75") Titanium dome With Tulip WaveGuide™
Dual Concentric™ low frequency	100mm (4") treated paper pulp cone with rubber surround. 33mm (1.33") edge wound voice coil	100mm (4") treated paper pulp cone with rubber surround. 33mm (1.33") edge wound voice coil	100mm (4") treated paper pulp cone with rubber surround. 33mm (1.33") edge wound voice coil
Bass Driver	- - - - -	100mm (4") treated paper pulp cone with rubber surround. 33mm (1.33") edge wound voice coil	100mm (4") treated paper pulp cone with rubber surround. 33mm (1.33") edge wound voice coil
CROSSOVER			
Crossover frequency	1.5kHz	1.5kHz	1.5kHz
Crossover Type	Passive low loss 2nd order LF, 1st order HF	Passive low loss 2nd order LF, 1st order HF	Passive low loss 2nd order LF, 1st order HF
CONSTRUCTION			
Enclosure type	Rear ported	Rear ported	Rear ported
Volume	3.43L (0.121 cu. ft.)	11.73L (0.414 cu. ft.)	3.95L (0.139 cu. ft.)
Dimensions (H x W x D) excl grille	270 x 152 x 162mm (10.63 x 5.98 x 6.38")	850 x 152 x 162mm (33.46 x 5.98 x 6.38")	152 x 307 x 162mm (5.98 x 12.08 x 6.38")
Dimensions(H x W x D) (inc plinth)	-	865 x 196 x 202mm (34.06 x 7.70 x 7.95")	-
Weight	3.7kg (8.2lbs)	9.1kg (20.1lbs)	5.2kg (11.4lbs)
Finish	Light oak and Espresso	Light oak and Espresso	Light oak and Espresso

	DC6	DC6 T
PERFORMANCE		
Recommended amplifier power (Watts RMS)	20 – 150	20 – 175
Continuous power handling (Watts RMS)	75	87
Peak power handling (Watts) (Watts)	300	350
Sensitivity (2.83 Volts @ 1m)	88dB	89dB
Nominal Impedance (Ohms)	8	8
Frequency response (-6dB)	46Hz – 35kHz	34Hz – 35kHz
Dispersion (degrees conical)	90	90
DRIVE UNITS		
Dual Concentric™ high frequency	25mm (1") Titanium dome with Tulip WaveGuide™	25mm (1") Titanium dome with Tulip WaveGuide™
Dual Concentric™ low frequency	150mm (6") treated paper pulp cone with rubber surround. 44mm (1.75") edge wound voice coil	150mm (6") treated paper pulp cone with rubber surround. 44mm (1.75") edge wound voice coil
Bass Driver	- - - - -	150mm (6") treated paper pulp cone with rubber surround. 44mm (1.75") wound voice coil
CROSSOVER		
Crossover frequency	1.8kHz	1.7kHz
Crossover Type	Passive low loss 2nd order LF, 1st order HF	Passive low loss 2nd order LF, 1st order HF
CONSTRUCTION		
Enclosure type	Rear ported	Rear ported
Volume	10.8L (0.381 cu. ft.)	29.6L (1.045 cu. ft.)
Dimensions H x W x D excl grille	365 x 202 x 242mm (14.37 x 7.95 x 9.53")	950 x 202 x 242mm (37.40 x 7.95 x 9.53")
Dimensions H x W x D (inc plinth)	- -	968 x 256 x 292mm (38.11 x 10.09 x 11.50")
Weight	6.8kg (15.0lbs)	15.1kg (33.3lbs)
Finish	Espresso	Espresso

Revolution Sub1001

PERFORMANCE	
Output Power (Watts RMS)	160
Low Frequency response (-6dB)	35Hz, in room typical response
Inputs	Stereo line and high level. Mono LFE
Input Filter (-6dB)	2nd order low pass, variable between 50Hz – 200Hz
Auto Mute	After approximately 10 mins., in absence of input signal
DRIVE UNITS	
Driver Type	250mm (10") long throw bass unit
CONSTRUCTION	
Enclosure type	Forward firing, rear vented port
Volume	28.5 litres (1.01 cu.ft.)
Magnetic Shielding	No
Dimensions (H x W x D)	390 x 310 x 335mm (15.35 x 12.20 x 13.19")
Weight	13.0kg (28.66 lbs)
Finish	Light oak and Espresso
Mains Voltage	230V/115V nominal (switchable). 50 - 60Hz
Mains Fuse	T2.5AL, 250V
Additional Features	Phase invert switch 12V remote switching Soft limiting to avoid overload

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Tannoy adopts a policy of continuous improvement and product specification is subject to change.

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