

TANNOY®

DC 200

DC 100



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The Tannoy Dual Concentric principle is widely accepted as one of the major technological breakthroughs in the design of loudspeakers.

The Dual Concentric is, in fact, "2-Speakers-in-One". If you took the grille off any Tannoy Dual Concentric there is what appears to be a single drive unit. Closer examination will show the compression high frequency driver sharing the same chassis as the bass unit. These two separate drive units provide a single axis for the reproduction of sound at all frequencies. The audio signal is supplied to each drive unit by a time compensated crossover, that aligns both high and low frequency sound sources towards a single point on that axis.

The music is clearer and more natural because the real harmonics and dynamics of the instruments and voices are

retained, while the stereo image of the original performance is sharper and more convincing.

Tannoy's strong reputation for transducer design within the broadcast and recording industry has been harnessed within the recently designed 8" Dual Concentric drive unit used in the DC100 and the new larger 10" Dual Concentric used in the DC200.

Both DC's have excellent frequency response and good dispersion, and their ability to reproduce wide dynamics makes them particularly suitable to be used with the latest CD systems.

With the new DC series, the hi-fi enthusiast can experience all the characteristics and benefits of a major studio monitor in a smaller, cleanly styled enclosure.

Technical Specification

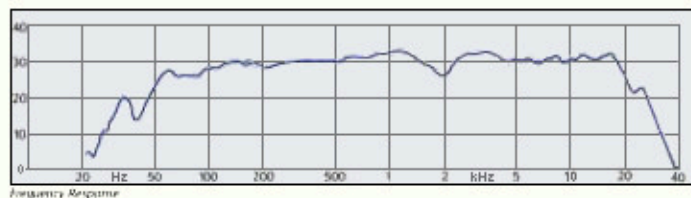
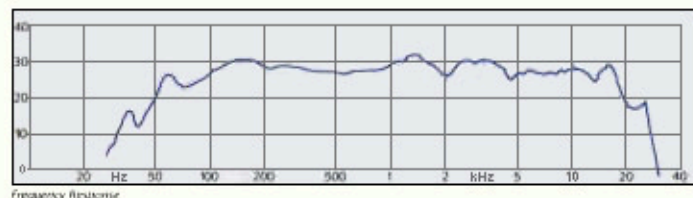
DC 100

Recommended Amplifier Power* (RMS per channel into 8 ohms)	10 to 100 watts
Peak Input Power	120 watts
Impedance: Nominal	8 ohms
Minimum	6 ohms
Sensitivity (for 2.8v in @ 1 metre)	90dB
Frequency Response	53Hz to 20kHz \pm 3dB
Phase Response	100Hz to 10kHz \pm 30°
Dispersion (@ -6dB points)	90° conical
Crossover Frequency	1.8kHz
Crossover Type	Hardwired first & damped second order networks with parallel impedance compensation
Distortion (for 90dB @ 1m)	Less than 1% 100Hz to 10kHz
Bass Loading	Single ducted port
Internal Volume	20 litres
Cabinet Material	15mm and 12mm particle board
Cabinet Finish	Walnut vinyl veneer
Grille Construction	Acoustic cloth over timber frame. Detachable
Dimensions	mm 480H x 267W x 230D inches 19H x 10.5W x 9D
Weight	8.75Kg (19.25lb)
Packed Dimensions (Double Packed)	mm 710 x 380 x 355 inches 27.9 x 14.9 x 13.9
Packed Weight	19Kg (41.8lb)
Packed Volume	0.094 Cu m

DC 200

Recommended Amplifier Power* (RMS per channel into 8 ohms)	10 to 120 watts
Peak Input Power	150 watts
Impedance: Nominal	8 ohms
Minimum	6 ohms
Sensitivity (for 2.8v in @ 1 metre)	90dB
Frequency Response	45Hz to 20kHz \pm 3dB
Phase Response	110Hz to 10kHz \pm 30°
Dispersion (@ -6dB points)	90° conical
Crossover Frequency	1.8kHz
Crossover Type	Hardwired first & damped second order networks with parallel impedance compensation
Distortion (for 90dB @ 1m)	Less than 1% 100Hz to 10kHz
Bass Loading	Single ducted port
Internal Volume	33 litres
Cabinet Material	18mm and 15mm particle board
Cabinet Finish	Walnut vinyl veneer
Grille Construction	Acoustic cloth over timber frame. Detachable
Dimensions	mm 560H x 330W x 265D inches 22H x 13W x 10.4D
Weight	12.5Kg (27.5lb)
Packed Dimensions (Single)	mm 710 x 380 x 330 inches 27.9 x 14.9 x 13
Packed Weight	14Kg (30.8lb)
Packed Volume	0.09 Cu m

*The Peak power capability of all Tannoy loudspeakers will allow higher amplifier powers to be used with wide dynamic range material. Care must be taken, however to avoid conditions such as switch on surges and amplifier overloading or "clipping" which may result in momentary peaks of power greatly in excess of the specified ratings.



All Tannoy products are manufactured in Great Britain by:

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