

eclipse



Sound
expectations...

TANNOY

...Eclipsed.

All that you love and all that you feel from music, delivered by Tannoy's most affordable high fidelity loudspeaker series to date. By distilling technologies and expertise, refining engineering and manufacturing processes and offering a stylish, black oak finish, Eclipse redefines performance for budget loudspeakers.

Starting with Tannoy's proven heavyweight fibreboard cabinet design, the Eclipse series is internally braced to minimise cabinet colouration and deliver tighter, more tuneful bass. The cabinets are rear ported to assist deep bass reproduction and keep the front baffle's clean lines. A dedicated plinth is provided on both floorstanding models providing stability and ensuring fast and taut low frequency performance. This is further enhanced with adjustable floor spikes for precise levelling of the speaker cabinet without damage to carpets.

Eclipse drivers are a whole new design from Tannoy. The range mates a 28 mm (1.10") coated silk dome tweeter with new high efficiency Eclipse mid/bass drivers for seamless integration and an incredibly dynamic sound throughout the audio band. The LF drivers have been developed with a light, stiff multi-fibre cone with nitrile rubber surround for superb transient attack and bass punch. High efficiency neodymium magnets on the HF drivers extend frequency response to 32 kHz, for smooth and detailed treble.

Eclipse crossovers draw on the design and component choices of Tannoy's more affluent models, including the use of low loss laminated core inductors for exceptional musical detailing. Tannoy's unique DMT (Differential Materials Technology) compound is used to damp micro vibrations on the polypropylene capacitors, further enhancing Eclipse's musicality and communication.

The floorstanding Eclipse Three benefits from a D'Appolito driver configuration. Placing the tweeter centrally between the two bass/mid drivers smooths dispersion through the crossover region, delivering a highly articulate performance on or off axis. Again drawing on Tannoy's high end loudspeaker designs, Eclipse drivers are mounted using Tannoy's DMT and use eight bolts on the mid/bass drivers to ensure optimal cabinet to driver integration.

There are five models in the Eclipse range. The compact Eclipse One is an ideal bookshelf size loudspeaker and can be stand mounted for peak performance. For use either as an ultra-compact stereo bookshelf speaker or for rear effects in a home theatre set up, there's the very cute but surprisingly powerful Eclipse Mini. The Eclipse Two is a smaller floorstanding model using the same driver array as the Eclipse One, adding deeper bass extension and improved power handling. Using a twin bass driver array in a larger cabinet, the mighty Eclipse Three is the flagship floorstanding model and combines exceptional music imaging with deep and tuneful bass. Acoustically matched to the rest of the range, the Eclipse Centre completes the line-up for a home cinema system.

Finished in dark yet cool satin black oak and equipped with robust gold-plated speaker terminals, Eclipse leaves other budget loudspeakers in the shade.



Specifications

	ECLIPSE ONE	ECLIPSE TWO	ECLIPSE THREE	ECLIPSE MINI	ECLIPSE CENTRE
PERFORMANCE					
Recommended amplifier power (Watts RMS)	15 - 70	15 - 90	15 - 120	15 - 60	15 - 90
Continuous power handling (Watts RMS)	35	45	60	30	45
Peak power handling (Watts)	140	200	240	140	180
Sensitivity (2.83 Volts @ 1 m)	87 dB	88 dB	90 dB	86 dB	90 dB
Nominal impedance (Ohms)	8	8	8	8	8
Frequency response (-6 dB)	55Hz – 32 kHz	44 Hz – 32 kHz	38 Hz – 32 kHz	58 Hz – 32 kHz	67 Hz – 32 kHz
DRIVE UNITS					
High frequency	28 mm (1.1") Damped silk dome, neodymium magnet system	28 mm (1.1") Damped silk dome, neodymium magnet system	28 mm (1.1") Damped silk dome, neodymium magnet system	28 mm (1.1") Damped silk dome, neodymium magnet system	28 mm (1.1") Damped silk dome, neodymium magnet system
Low frequency	127 mm (5") Multi-fibre coated pulp paper cone	127 mm (5") Multi-fibre coated pulp paper cone	127 mm (5") Multi-fibre coated pulp paper cone x 2	100 mm (4") Multi-fibre coated pulp paper cone	2 x 100 mm (4") Multi-fibre coated pulp paper cone
CROSSOVER					
Crossover frequency	3.2 kHz	3.2 kHz	3.2 kHz	2.2 kHz	2.4 kHz
Crossover type	Passive low loss 2nd order low pass, 3rd order high pass	Passive low loss 2nd order low pass, 3rd order high pass	Passive low loss 2nd order low pass, 3rd order high pass, bi-wired	Passive low loss 2nd order low pass, 3rd order high pass	Passive low loss 2nd order low pass, 3rd order high pass
CONSTRUCTION					
Enclosure type	Rear ported reflex	Rear ported reflex	Rear ported reflex	Rear ported reflex	Rear ported reflex
Volume	8.0 litres (0.28 cu. ft.)	18.9 litres (0.67 cu. ft.)	26.8 litres (0.95 cu. ft.)	3.0 litres (0.11 cu. ft.)	5.6 litres (0.2 cu. ft.)
Dimensions (H x W x D) (incl. plinth* & grille)	300 x 170 x 255 mm (11.8 x 6.7 x 10")	909 x 269.6 x 287 mm (35.8 x 10.6 x 10.9")*	959 x 269.6 x 287 mm (37.8 x 10.6 x 10.9")*	225.0 x 145.0 x 175.0 mm (8.9 x 5.7 x 6.9")	157.0 x 400.0 x 160.0 mm (6.2 x 15.8 x 6.3")
Net weight	4.5 kg (9.9 lbs)	11.5 kg (25.4 lbs)	12.1 kg (26.7 lbs)	2.9 kg (6.4 lbs)	3.6 kg (7.9 lbs)
Finish	Black oak	Black oak	Black oak	Black Oak	Black Oak



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