

The Tannoy Dual Concentric principle has long been recognised as one of the great technological breakthroughs in loudspeaker design.

Leading musicians use Tannoy Dual Concentric loudspeakers in their live performances and many recording and broadcast studios rely on the Tannoy Dual Concentric to monitor the quality of their output. This same "monitor" standard of sound reproduction is available to you in the Surrey Series of Time Compensated Dual Concentric Loudspeakers from Tannoy.

Look behind the grille of any Surrey Series loudspeaker and you will see what appears to be a single drive unit. This is in fact the "2-speakers-in-One" Dual Concentric drive unit.

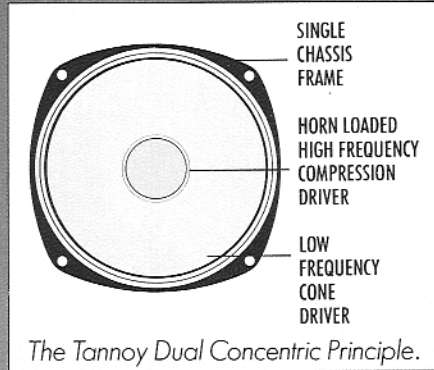
Operating through the centre of the bass cone, and sharing the same chassis frame, is a compression high frequency driver. These two separate drive units provide a single axis for the production of sound at all frequencies. The audio signal is supplied to each drive unit by a time compensated crossover, that aligns both high and low frequency sound sources towards a single point on that axis.

Each Tannoy Surrey Series loudspeaker is, therefore, a virtual single point sound source. This is widely accepted as the "ideal" loudspeaker type, as all frequencies that make up the sound you hear will originate from the same point in space and thus maintain their correct time relationships. The music is clearer and more natural, because the real harmonics and dynamics of instruments and voices remain, while your sound image of the original performance is sharper and more convincing.

If everybody listened to music with an average audio system in an average sized room, then we would make just one type of Dual Concentric loudspeaker. Your system and listening environment, however, are as individual as you; so Tannoy offers you the choice of five Dual Concentric loudspeakers in the Surrey Series.

You can choose from the compact Esher, which uses the smallest ever Tannoy Dual Concentric with an 8" bass cone; or two larger shelf or stand mounting models, the Darking and the Chertsey. Should you have the space for larger free-standing loudspeakers, then the top-of-the-range Bradley and Albury models will give you really outstanding performance. There is a loudspeaker in the Tannoy Surrey Series that will match your system and enable you to enjoy all the sound advantages of the Tannoy Dual Concentric System.

Your own ears can describe the benefits of these fine loudspeakers far better than these words and pictures, so let your ears enjoy listening to the pure sound of the Surrey Series at your Tannoy Dealer.



## Albury SL105

- Free-standing single point source loudspeaker with integral stand.
- Dual Concentric drive unit with Girdacoustic reinforced cone.
- Overall frame size 420mm (16.5").
- Time compensated crossover.
- Bass reflex cabinet with walnut veneer finish.
- Power handling: 350W (peak)
- Sensitivity: 92dB.
- Size h x w x d: 1000 x 500 x 380mm (39.4" x 19.7" x 15").

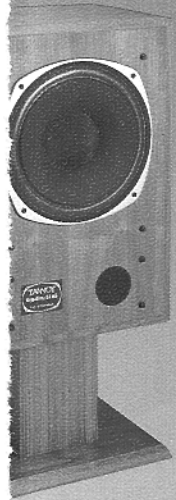
## Bradley

- Free-standing loudspeaker
- Dual Concentric drive unit with Girdacoustic reinforced cone.
- Overall frame size 420mm (16.5").
- Time compensated crossover.
- Bass reflex cabinet with walnut veneer finish.
- Power handling: 350W (peak)
- Sensitivity: 92dB.
- Size h x w x d: 1000 x 500 x 380mm (39.4" x 19.7" x 15").

A family of  
get the

TAN

# ey Series



## ey SL65

g single point source  
with integral stand.  
ntric drive unit with  
e reinforced cone.  
e size 343mm

nsated crossover.  
abinet with walnut

ling: 300W (peak).  
0dB.  
: 880 x 410 x 380mm  
(5.2" x 15").

## Chertsey SL45

- Shelf or stand mounting single point source loudspeaker.
- Dual Concentric drive unit with Girdacoustic reinforced cone.
- Overall frame size 343mm (13.5").
- Time compensated crossover.
- Bass reflex cabinet with walnut veneer finish.
- Power handling: 300W (peak).
- Sensitivity: 90dB.
- Size: h x w x d: 580 x 410 x 267mm (22.8" x 16.2" x 10.5").

## Darking SL35

- Shelf or stand mounting single point source loudspeaker.
- Dual Concentric drive unit with Ferrofluid cooled HF unit.
- Overall frame size 287mm (11.3").
- Time compensated crossover.
- Bass reflex cabinet with walnut veneer finish.
- Power handling: 150W (peak).
- Sensitivity: 90dB.
- Size h x w x d: 520 x 360 x 267mm (20.5" x 14.2" x 10.5").

## Esher SL25

- Shelf or stand mounting single point source loudspeaker.
- Dual Concentric drive unit with Ferrofluid cooled HF unit.
- Overall frame size 236 mm (9.3")
- Time compensated crossover.
- Bass reflex cabinet with walnut veneer finish.
- Power handling: 120W (peak).
- Sensitivity: 90dB.
- Size h x w x d: 460 x 320 x 267mm (18.1" x 12.6" x 10.5").

loudspeakers designed to help you  
best from your audio system.

NOY®

# The Surrey Series

## TECHNICAL SPECIFICATIONS

	<i>Albury SL105</i>	<i>Bradley SL65</i>	<i>Chertsey SL45</i>	<i>Darling SL35</i>	<i>Esher SL25</i>
Recommended Amplifier Power* (RMS per channel into 8Ω)	50W—250W	50W—180W	50W—180W	10W—120W	10W—100W
Peak power handling*	350W	300W	300W	150W	120W
Impedance (Nominal) (Minimum)	8 Ω 6 Ω	8 Ω 6 Ω	8 Ω 6 Ω	8 Ω 6 Ω	8 Ω 6 Ω
Sensitivity (1W@1m) Domestic Anechoic	95dB 92dB	93dB 90dB	93dB 90dB	93dB 90dB	93dB 90dB
Frequency Response (± 3dB)	35Hz—20kHz	38Hz—20kHz	42Hz—20kHz	45Hz—20kHz	52Hz—20kHz
Phase Response (± 12°)	90Hz—10kHz	100Hz—8kHz	100Hz—8kHz	110Hz—10kHz	120Hz—10kHz
Time Compensation	Better than ± 10 μ sec 90Hz—10kHz	Better than ± 15 μ sec 100Hz—8kHz	Better than ± 15 μ sec 100Hz—8kHz	Better than ± 30 μ sec 110Hz—10kHz	Better than ± 30 μ sec 110Hz—10kHz
(Dispersion @—6dB points)	90° included angle conical	90° included angle conical	90° included angle conical	90° included angle conical	90° included angle conical
Crossover: Frequency Type	1kHz 8 Element passive time compensated	1.2kHz 8 Element passive time compensated	1.2kHz 8 Element passive time compensated	1.8kHz 8 Element passive time compensated	1.8kHz 8 Element passive time compensated
Drive Unit	Tannoy Dual Concentric 3839E. High compliance. Overall frame size: 420mm (16.5")	Tannoy Dual Concentric 3128E. High compliance. Overall frame size: 343mm (13.5")	Tannoy Dual Concentric 3128E. High compliance. Overall frame size: 343mm (13.5")	Tannoy Dual Concentric 2588. High compliance. Overall frame size: 287mm (11.3")	Tannoy Dual Concentric 2008S. High compliance. Overall frame size: 236mm (9.3")
Distortion (90dB @ 1m)	Less than 0.5%	Less than 0.5%	Less than 0.5%	Less than 0.5%	Less than 1%
Bass Loading	Offset ducted port	Offset ducted port	Offset ducted port	Offset ducted port	Offset ducted port
Cabinet: Construction	18/25mm high density particle board	18/25mm high density particle board	18/25mm high density particle board	18/25mm high density particle board	18/25mm high density particle board
Finish	Real Walnut veneers with solid Walnut edgings to base.	Real Walnut veneers with solid Walnut edgings to base.	Real Walnut veneers	Real Walnut veneers	Real Walnut veneers
Grille	2 piece detachable. Brown cloth on wood frame	2 piece detachable. Brown cloth on wood frame	1 piece detachable. Brown cloth on wood frame	1 piece detachable. Brown cloth on wood frame	1 piece detachable. Brown cloth on wood frame
Internal Volume (Approx.)	105 litres	65 litres	45 litres	35 litres	25 litres
Overall Dimensions (h x w x d)	1000 x 500 x 380mm (39.4" x 19.7" x 15") (inc. Stand)	880 x 410 x 380mm (34.6" x 16.1" x 15") (inc. Stand)	580 x 410 x 267mm (22.8" x 16.1" x 10.5")	520 x 360 x 267mm (20.5" x 14.2" x 10.5")	460 x 320 x 267mm (18.1" x 12.6" x 10.5")
Weight	33kg (72.8lbs)	27kg (59.5lbs)	16kg (35.3lbs)	13kg (28.7lbs)	12kg (26.5lbs)
Packed Dimensions (h x w x d)	1120 x 560 x 450mm (44.1" x 22" x 17.7")	1030 x 484 x 430mm (40.6" x 19.1" x 16.9")	735 x 450 x 340mm (28.9" x 17.7" x 13.4")	660 x 390 x 340mm (26" x 14.2" x 13.4")	530 x 375 x 610mm (Double pack) (20.9" x 14.8" x 24")
Weight	41kg (90.4lbs)	33kg (72.8lbs)	18.5kg (40.8lbs)	15kg (33.1lbs)	26kg (57.3lbs) (Double pack)

\*The peak power capability of all Tannoy loudspeakers allows 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 will result in momentary peaks of power greatly in excess of the specified ratings.

Due to our policy of continuous improvement all specifications are subject to change without notice.

# TANNOY®

Beadman Street, West Norwood, London SE27 0PW, England  
Telephone: 01-670 1131. Telex: 291065 TANNOY G

Publication part number 6483 0051 Printed in England