

TANNOY®



The Name for Loudspeakers



STRATFORD OXFORD CAMBRIDGE

TANNOY The Name for Loudspeakers

Tannoy is a long established British company, whose name — worldwide — stands for the finest in sound reproduction, due to our special emphasis on quality of design, construction and performance with good value for money.

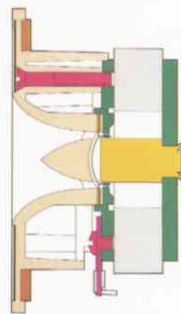
Many of the world's leading musicians and recording engineers use Tannoy Loudspeakers for monitoring their production of today's most popular records. They choose Tannoy because with Tannoy they hear not only the total sound, but also that special inter-relationship of instruments and voices which give a recording life and accuracy.

Tannoy's engineers were briefed to produce a range of loudspeakers — of modest dimension and price — which would retain that characteristic, and release in your home that special magic the musicians created. The results of their research and development are now available to you in the Stratford, Cambridge and Oxford Loudspeakers.

Like all Tannoy Loudspeakers, these three models are highly efficient. This means that, in comparison with many other loudspeakers, your amplifier will not have to be driven so hard to produce a realistic listening sound level, with less chance of producing a distorted signal. Your ears will tell you the difference, with the Tannoys producing a clean, truthful sound,

which gives remarkable freedom from listening fatigue. Unlike some speakers with unrealistic 'over impressive' performance, you will not grow tired of our sound, and will appreciate your investment in Tannoy for many years.

How do we produce such good sounds? Well, to start with we are manufacturers of complete loudspeaker systems. The components of the Stratford, Cambridge and Oxford are designed and manufactured in our own factory. This enables us to provide unique solutions to acoustic problems that some other manufacturers do not even recognise.



Take our tweeter for instance. Conventional cone or dome tweeters will not easily accept high level music transients efficiently and without distortion. Our research programme produced the Tannoy horn loaded compression driver. This remarkable device uses a special magnetic cooling

fluid which enables it to handle far more power, and convert significantly more of that power into clean sound. The controlled sound dispersion also provides consistent stereo imagery, which is less affected by the acoustic characteristics of your listening room than many conventional HF units.

We certainly did not neglect the low frequency response of the Stratford, Cambridge and Oxford. Two bass/mid-range drivers were developed, both using a cone made by Tannoy from a polyolefin co-polymer — which provides a smoother, more extended frequency response — mounted within a rigid pressure formed metal frame. Our heavyweight magnet assembly provides high power handling with the legendary Tannoy efficiency.

Both drivers are mated to a crossover network carefully designed to provide optimum performance with low distortion. We ensure reliable performance by using only high quality components.

Last, but by no means least, we designed a damped, very rigid ducted port cabinet for each model, to give really solid bass response. Each cabinet has a Walnut finish — and the detachable acoustic foam grille of each model carries the famous gold badge of Tannoy — The Name for Loudspeakers.

Stratford



Proof that a modest budget need not restrict you to mediocre sounds, the Stratford produces a full, clean sound you would normally expect to find only in a much more expensive loudspeaker.

If you are moving up into real Hi-Fi then this is the loudspeaker for you. We have given the Stratford extraordinary sensitivity and power handling with a 4-layer voice coil on our polyolefin cone bass driver. You can, therefore, use the Stratford with even a modest low power rack system, while the high quality of sound reproduction is equally acceptable to the experienced audio enthusiast.

The Tannoy Stratford — a compact loudspeaker system with a big sound.

Cambridge



The Tannoy horn loaded compression driver is matched in the Cambridge with a version of our 8" bass driver using a 1½" 2-layer voice coil and powerful magnet assembly.

The consequent transparent sound quality of the Cambridge will transform your listening pleasure, revealing life and musicality in your record collection that you have probably not heard before. The Cambridge has been praised by music lovers and Hi-Fi reviewers alike, and could prove the easiest way to upgrade your system.

Oxford



The Oxford uses the same HF compression driver, but matched to a 10" version of our polyolefin cone bass driver. This combination, mounted in a larger cabinet made from heavier weight material and walnut finish, offers the most extended frequency response (50Hz-20kHz) and highest peak power handling capacity of this range.

The high efficiency of the Oxford, as with all Tannoy Loudspeakers, enables you to reproduce in your home realistic sound levels from even modestly powered systems. Used in conjunction with quality electronics the lifelike detail and articulation of the Oxford is really quite outstanding. It is no wonder that the Oxford has been used professionally in monitoring the sound quality of live performance location recording.

TECHNICAL SPECIFICATIONS

	Stratford	Cambridge	Oxford
Rec. amp. power (RMS per channel)*	10-100W	10-100W	10-100W
Peak power handling	100W	125W	150W
Nominal impedance	8 ohms	8 ohms	8 ohms
Sensitivity (1W @ 1m) <i>Domestic</i>	93dB	91dB	93dB
<i>Anechoic</i>	90dB	88dB	90dB
Nominal frequency response \pm 3dB	53Hz-20kHz	52Hz-20kHz	50Hz-20kHz
Drive units			
HF	Horn loaded compression driver	Horn loaded compression driver	Horn loaded compression driver
LF	Polyolefin cone 203mm (8")	Polyolefin cone 203mm (8")	Polyolefin cone 254mm (10")
Crossover frequency	3.5kHz	4kHz	4kHz
Bass loading	Ducted port	Ducted port	Ducted port
Cabinet construction (High density chipboard)	Rear/Baffle 15 mm Carcase 12mm	Complete Cabinet 15mm	Rear/Baffle 18mm Carcase 15mm
Grille	Acoustic foam detachable	Acoustic foam detachable	Acoustic foam detachable
Dimensions (hxwx d) <i>Unpacked</i>	480X265X262mm (19"X10"X10")	496X302X250mm (19½"X12"X10")	560X330X270mm (22"X13"X10½")
<i>Packed</i>	Packed in pairs 530X594X375mm (21"X23½"X15")	Packed in pairs 545X570X352mm (21½"X22½"X14")	Packed singly 712X355X310mm (28"X14"X12")
Weight			
<i>Unpacked</i>	7.2kg (15.9lb)	10.5kg (23.2lb)	12.5kg (27.6lb)
<i>Packed</i>	17kg (37.5lb)	22.5kg (49.6lb)	16kg (35.3lb)

*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.

Due to our policy of continuous improvement all specifications are subject to change without notice.
All Tannoy products are manufactured in Great Britain by:

Tannoy Products Limited,
Rosehall Industrial Estate, Coatbridge,
Strathclyde, Scotland ML5 4TF.
Telephone: Coatbridge (0236) 20191. Telex: 778621.