

TANNOY®



The Name for Loudspeakers



STIRLING

DUAL CONCENTRIC VARIABLE DISTRIBUTED PORT LOUDSPEAKER SYSTEM



The Stirling from Tannoy is a loudspeaker designed to perform to the highest standards of sound reproduction even in difficult acoustic environments.

Using the famous Tannoy Dual Concentric '2 speakers-in-One' design of drive unit, together with a special time compensated crossover, the Stirling is a true single point sound source. The resulting reduction in time delay distortions gives a smooth, consistent sound—especially at the crossover

point—that is necessary for the creation of convincing stereo images.

The Stirling has the added virtue of the Tannoy Variable Distributed Port system, which together with a crossover energy control, provides adjustment of the low frequency as well as the high frequency output of the system.

Behind the oatmeal grille, which can be removed with the key supplied, is a continuously variable control that provides boost and cut of the high frequencies above 1.2kHz.

In addition, with the Stirling you can also alter the low frequency output over the frequency range 25–100Hz by opening or closing the sliding covers over distributed ports at either side of the grille. Opening the ports gives full bass response while the bass is reduced with the ports closed. The ability to alter both

the high and low frequency output of the Stirling gives you a wider choice of listening position in any room.

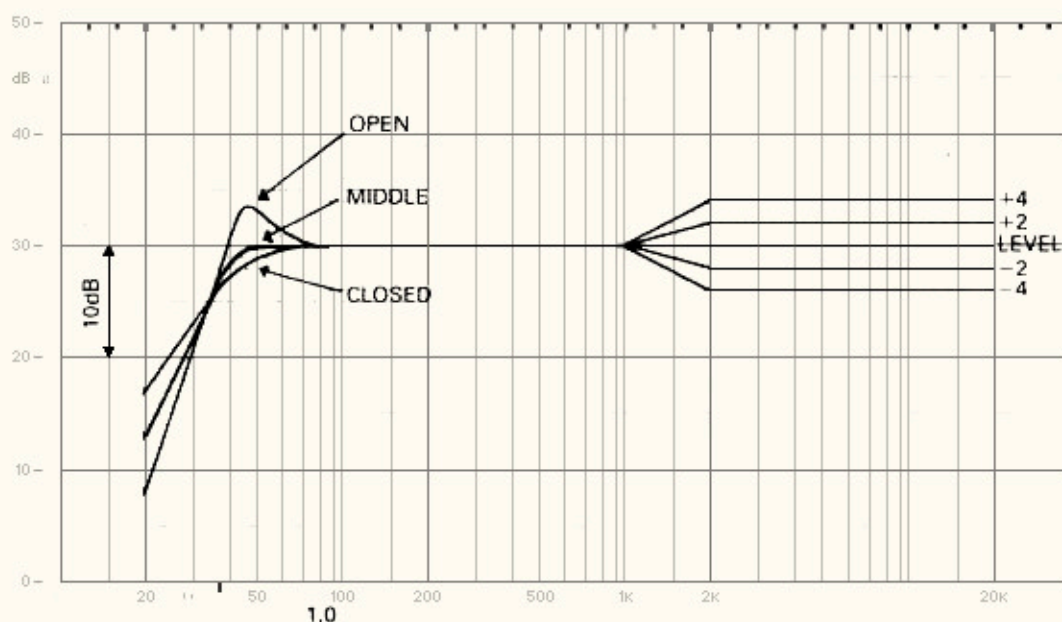
Available as an optional extra is a matching stand which will raise the Stirling drive unit to the optimum listening height.



PORT
OPEN
SLIDE IN
UPPER
POSITION



PORT
CLOSED
SLIDE IN
LOWER
POSITION



Loudspeaker placed in typical listening room
Effect of Variable Distributed Port & Energy Control

OPEN Both port slides in upper position
MIDDLE One slide upper position, one slide lower position
CLOSED Both port slides in lower position

STIRLING—Technical specification

Recommended amplifier power* (RMS per channel into 8Ω)	30–150W
Peak power handling*	250W
Impedance	8Ω nominal 5Ω minimum
Sensitivity (1W @ 1m)	90dB (anechoic) 93dB (domestic)
Frequency response (± 3dB)	35Hz–20kHz
Phase response	100Hz–8kHz ± 18°
Time compensation	Better than ± 20μ sec 100Hz–8kHz
Dispersion (including angle @ -6dB points @ 10kHz)	90° conical
Crossover type	Passive, low loss, time compensated type 1039
Crossover frequency	1.2kHz
Crossover control	Treble energy ± 4dB 1.2kHz–20kHz
Driver type	Tannoy Dual Concentric high compliance type 2558 Diameter 254mm (10")

Distortion	Less than 4.2% 3rd harmonic at half power 100Hz–20kHz Less than 0.6% 3rd harmonic for 85dB 50Hz–20kHz
Bass loading	Dual variable distributed port
Cabinet construction	Solid wood and 18mm particle board with rigid crossbracing with internal damping
Finish	Real walnut veneers Solid walnut edgings
Grille	Oatmeal cloth over wood frame with lock and key
Cabinet internal volume	68 litres (2.5 cu.ft)
Cabinet dimensions (h x w x d)	700 x 496 x 310mm (27½ x 19 x 12")
Packed	850 x 525 x 380mm (33½ x 20½ x 15")
Cabinet weight	22kg (48½lbs)
Packed	27kg (59½lbs)

*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, we reserve the right to change specifications without notice.

All Tannoy products are designed and manufactured in Great Britain by:

TANNOY LIMITED
The Bilton Centre,
Coronation Road,
Cressex Industrial Estate,
High Wycombe, Bucks. HP12 3SB
Telephone: (0494) 450606
Telex: 83251 TANNOY G

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