

# Stirling HE

# TANNOY®



This compact floor standing speaker, designed for small to medium listening rooms, performs superbly with any type of music



## THE PRESTIGE RANGE



## STIRLING HE

The Stirling HE, the smallest model in the Prestige range, is a compact floor standing loudspeaker offering bass performance with superb control and extension. A rigid cabinet, constructed utilising extensive internal bracing and damping, further maximises acoustic performance. Hand finished with carefully selected veneers and solid hardwood trim details, the Stirling HE combines the best

### TECHNICAL SPECIFICATION

#### PERFORMANCE

Recommended amplifier power	30 - 150 watts
Power handling	95 watts RMS.
Power handling	225 Watts Peak
Maximum SPL	111dB (95 Watts RMS / 1m) 124dB (225 Watts Peak / 1m)
Sensitivity	91dB (2.83v @ 1m)
Nominal impedance	8 ohms
Frequency response	35Hz - 25kHz -6dB
Total harmonic distortion	Less than 1.75% @ 95 watts RMS (50Hz - 20kHz)

#### DRIVE UNIT

Dual Concentric mid/bass frequency	254mm (10") Dual Concentric™ driver utilising a paper pulp cone with HE twin roll fabric surround with 42mm edge-wound voice coil
Dual Concentric high frequency	25mm (1") unit centrally mounted within the bass unit voice coil to achieve a true coincident acoustic point source. Tulip Waveguide and edge wound voice coil.
Dispersion	90 degrees conical

#### CROSSOVER

Frequency	1.7kHz
Type	Bi-wired, hard wired passive, low loss 4 <sup>th</sup> order low frequency. 2 <sup>nd</sup> order compensated high frequency.
Adjustment	+/- 3dB over 1.7kHz to 25kHz shelving.

#### CABINET

Enclosure type	Closed box
Volume	200 litres
Dimensions mm (inches)	850h x 397w x 368d (33.5h x 15.6w x 14.5d)
Material	18 mm high density enclosure material
Weight kgs (lbs)	23 (50.7)
Finish options	Walnut veneer and solid walnut edging and trim detail.

of traditional craftsmanship with the latest design innovations and production skills.

At its heart is a 254mm (10") Tannoy Dual Concentric™, a driver that is renowned for its unique point source symmetrical dispersion properties. This new unit incorporates all the latest engineering developments of this exclusive design including a new drive unit motor system and HE, or Hard Edge, which refers to the material used in the construction of the driver surround. These innovations, when combined with the unique drive unit chassis earthing facility, result in a tighter, faster and more controlled bass with fluid, transparent midrange and high frequency performance of great purity.

In common with all larger Prestige models signal processing is handled by a hard-wired time compensated crossover network, which is constructed using only premium quality components, through gold plated Bi-wire terminals. Superior Van den Hul wiring is used throughout to ensure that signal integrity is maintained. The high current, gold plated control panel provides high frequency adjustment.

The Stirling HE is a compact speaker offering an open and detailed sound, precise stereo imaging, and clean extended bass performance.

**Features:** 254mm (10") Dual Concentric point source symmetrical dispersion driver • HE hard edge twin roll fabric driver surround and driver chassis earthing ensures fluid, open midrange and clean, detailed high frequencies • Rigid and heavily damped cabinet construction provides exceptional strength and rigidity, speeding up the aural response of the speaker • Extensive internal bracing reduces colouration, enhancing the midrange detail, speed and clarity of the bass • Bi-wired, hard wired adjustable crossover utilising premium quality components • Compact and elegant cabinet design hand finished in walnut veneer with solid walnut detail and trim

# TANNOY

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