

Edinburgh HE

TANNOY®



Technical innovation and superb cabinet design combine in a speaker which is as striking to look at as it is exciting to hear



THE PRESTIGE RANGE





## EDINBURGH HE

In addition to real walnut veneer, there is extensive use of solid walnut edgings on the cabinet of the Edinburgh HE. Its rigid construction, which is extensively cross-braced and heavily internally

damped, results in a speaker which is as striking to look at as it is exciting to hear.

Behind the classic lock and key secured grille lies a Tulip Waveguide™, twin magnet edition of the 300mm (12") Tannoy Dual Concentric™ driver with edge wound voice coils. Renowned for its unique point source symmetrical dispersion properties, it incorporates all the latest refinements of this driver design exclusive to Tannoy. HE, or Hard Edge, refers to the material used in the construction of the driver surround. The combination of this and the unique drive unit chassis earthing facility results in a tighter, faster and more controlled bass with fluid, transparent midrange and high frequency performance of great purity.

The speaker is driven through gold plated captive link terminals, designed to allow normal or Bi-wire configurations, and a hard-wired time compensated crossover network. Superior Van den Hul wiring is used throughout the Edinburgh HE to maintain the signal integrity. Treble energy and roll off can both be adjusted by means of two high current switch blocks. Exceptional transient performance and smooth bass response are achieved by the use of a distributed port reflex system.

**Features:** 300mm (12") 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, heavily damped, cabinet construction providing exceptional strength and rigidity, speeding up the aural response of the speaker • Extensive internal bracing strengthens cabinet and reduces colouration, enhancing the midrange detail, speed and clarity of the bass • Bi-wired, hard wired adjustable time compensated crossover utilising premium quality components • Distributed port reflex enclosure design

### TECHNICAL SPECIFICATION

#### PERFORMANCE

|                             |   |
|-----------------------------|---|
| Recommended amplifier power | 50 - 200 watts  |
| Power handling              | 120 watts RMS.  |
| Power handling              | 450 Watts Peak  |
| Maximum SPL                 | 115dB (120 Watts RMS / 1m)<br>120dB (450 Watts Peak / 1m) |
| Sensitivity                 | 94dB (2.83v @ 1m)   |
| Nominal impedance           | 8 ohms  |
| Frequency response          | 28Hz - 25kHz -6dB   |
| Total harmonic distortion   | Less than 1.35% @ 120 watts RMS<br>(50Hz - 20kHz)         |

#### DRIVE UNIT

|                                    |   |
|------------------------------------|---|
| Dual Concentric mid/bass frequency | 300mm (12") Dual Concentric™ driver utilising a paper pulp cone with HE twin roll fabric surround with 52mm edge-wound voice coil                                 |
| Dual Concentric high frequency     | 33mm (1.3") 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  | 1.1kHz   |
| Type       | Bi-wired, hard wired passive, low loss 3 <sup>rd</sup> order low frequency.<br>1 <sup>st</sup> order compensated high frequency. |
| Adjustment | +/- 3dB over 1.1kHz to 25kHz shelving.<br>+ 2dB to - 6dB per octave over 5.0kHz to 25kHz slope.                                  |

#### CABINET

|                        |   |
|------------------------|---|
| Enclosure type         | Distributed port reflex   |
| Volume                 | 200 litres  |
| Dimensions mm (inches) | 1020h x 660w x 420d (40.2h x 26w x 16.5d)   |
| Material               | 18 mm high-density enclosure material internally cross-braced and heavily damped. |
| Weight kgs (lbs)       | 36 (79.4)   |
| Finish options         | Walnut veneer and solid walnut edging and trim detail.                            |

# TANNOY®

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