

A Legend Reborn

With all the power, clarity and presence of the 800 Diamond but without the footprint, the 802 Diamond is the closest you will get to studio sound in the home.

Technical Specifications

Technical features Free-mounted diamond dome tweeter

Nautilus™ tube tweeter loading Quad magnet tweeter motor

 $\mathsf{Kevlar}^{\otimes} \ \mathsf{brand} \ \mathsf{fibre} \ \mathsf{cone} \ \mathsf{FST^{\mathsf{TM}}} \ \mathsf{midrange}$

Sphere/tube midrange enclosure Rohacell® cone bass

Ronacell® cone bass

Dual magnet bass driver motor MatrixTM cabinet

Matrix™ cabine Flowport™

Description 3-way vented-box system

Drive units 1x ø25mm (1 in) diamond dome high-frequency

1x ø150mm (6 in) woven Kevlar® cone FST™ midrange

2x ø200mm (8 in) Rohacell® cone bass

Frequency range -6dB at 27Hz and 33kHz

Frequency response 34Hz - 28kHz ±3dB on reference axis

Dispersion Within 2dB of reference response

Horizontal: over 60° arc Vertical: over 10° arc

Sensitivity 90dB spl (2.83V, 1m)

Harmonic distortion 2nd and 3rd harmonics (90dB, 1m) <1% 40Hz - 100kHz

<0.5% 70Hz - 100kHz

Nominal impedance 8Ω (minimum 3.5Ω)

Crossover frequency 350Hz, 4kHz

Recommended amplifier power 50W - 500W into 8Ω on unclipped programme

Max. recommended

cable impedance 0.1Ω

Dimensions Height: 1135mm (44.7 in) (not including feet) Width: 368mm (14.5 in)

Depth: 563mm (22.2 in)

Net weight 72kg (159 lb)

Finish Cabinet:







Cherrywood

Rosenut

Piano Black Gloss

Grilles:



Black cloth

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