

The Sorcerer



Magical sound reproduction

Royd
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The Sorcerer

THE SORCERER is a high definition monitor loudspeaker designed for professional and domestic use. Whatever your taste in music, THE SORCERER fulfils that essential requirement - it allows you to enjoy the music to the full, accurately reproducing frequencies from 35Hz to above 20KHz. It will easily achieve levels in excess of 100dBA in the listening room on the great majority of programme material. Maximum output sound pressure levels are limited by the excursion limits of the bass unit at extremely low frequencies.

THE SORCERER can be used with a wide range of amplifiers and is equally at home with digital or analogue sources. Partial magnetic shielding has been incorporated in the design to enable use close to a television set.

Computer analysis of the decay spectrum of 50 micro second pulses at 50 volts has been used in the development of this loudspeaker to locate and eliminate resonant modes from the bass unit, tweeter and cabinet. The transient response of THE SORCERER resulting from the virtual elimination of resonant modes and overhang gives this loudspeaker a clarity and definition compatible with the very latest recording techniques.

The bass unit is connected directly to the output terminals, thereby eliminating the need for bi-wiring. A simple second order crossover section integrates the tweeter output with the bass unit output. The drive units are computer tested and matched to ensure each pair of speakers performs within the design limits.

THE SORCERER comes in a choice of high quality wood veneer finishes, either Walnut or Black Ash. ROYD loudspeakers should be used with the grilles in place and in association with a quality amplifier. Optimum performance will be achieved after a period of 'running in' and a room temperature of no less than 60°F/15°C is essential to achieve the desired results.

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Royd Loudspeaker Company Limited
Unit B2 · Stafford Park 15
Telford · Shropshire · TF3 3BB
Tel: 0952 290700 · Fax: 0952 290190

ROYD LOUDSPEAKER CO. is based in Telford - the home of the Industrial Revolution some 200 years ago, and ever since an area in the forefront of innovation. It is this innovative approach that has led to the development of this unique range of speakers.

ROYD LOUDSPEAKERS, designed for and built by music lovers, offer a quality of sound only possible through continual research and development.



Technical Specifications

CABINET SIZE	203mm x 305mm x 185mm
IN ROOM RESPONSE	35Hz to 22KHz
PEAK POWER HANDLING	120 watts
RECOMMENDED AMPLIFIER POWER	30 to 100 watts
NOMINAL IMPEDANCE	8 ohms
SENSITIVITY	86dB for 1 watt at 1 metre
DRIVE UNITS	ROYD cast chassis 5" Bass/Mid Range ROYD 19mm Dome Tweeter with secondary chamber
CROSSOVER FREQUENCY	3KHz
BASS RESONANCE FREQUENCY	43Hz
CABINET FINISH	WALNUT OR BLACK ASH VENEER
PACKED WEIGHT	22Kgs per pair

Patent Pending