

PIONEER

CS-801A

110 watt 3-way system with horn midrange and tweeter for excellent transient characteristics and sound directionality.



Pioneer has blended breakthrough engineering and its long hi-fi experience to produce a speaker system sure to please the most critical ear. The CS-801A is compact but doesn't compromise. The design includes a 30cm (12 inch) cone woofer, horn midrange and multi-cellular horn tweeter – three perfectly-matched units – in a 3-way system ideal for home use. Pioneer's unique free-beating cone paper is used in the woofer, coated with a special damping material to suppress undesirable air leakage for well-damped bass. Midrange and

tweeter units are distinguished by their transient response and sound directionality. With its large input handling capacity (110 watts maximum) the system is ideal for medium-to-large receiver/amplifier use. But its high sensitivity (96dB/W) means that it delivers rich and vivid performance with smaller drive as well. A balanced crossover network, level controls, and handsome oiled-walnut enclosure add to its good looks, its great performance, and to all the other reasons you should be giving an ear to the sound of Pioneer.

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3-WAY 3-SPEAKER DESIGN

Powerful, dynamic lows are assured by the 30cm (12 inch) woofer in the Pioneer CS-801A. Pioneer has developed a free-beating cone material to produce a rich yet well-damped bass response. The surface of this unique cone paper is coated with a special damping materials to suppress undesirable air leakage. The aluminum die-cast horn midrange is distinguished by sharp, crisp sound and excellent transient and directionality characteristics. For the highs, the multi-cellular horn tweeter is unsurpassed for brightness, brilliance and ideal transience.

HIGH-POWER & HIGH-SENSITIVITY PERFORMANCE

Sounds are neither distorted or clipped when the CS-801A is used with high-power amplifiers. This is due to the large 110-watt input capacity of this compact system. On the other hand, the 96dB/W sensitivity specification means you can couple the system to amplifier or receiver or medium to small power output and still obtain rich, abundant sound.

INFINITE Baffle ENCLOSURE

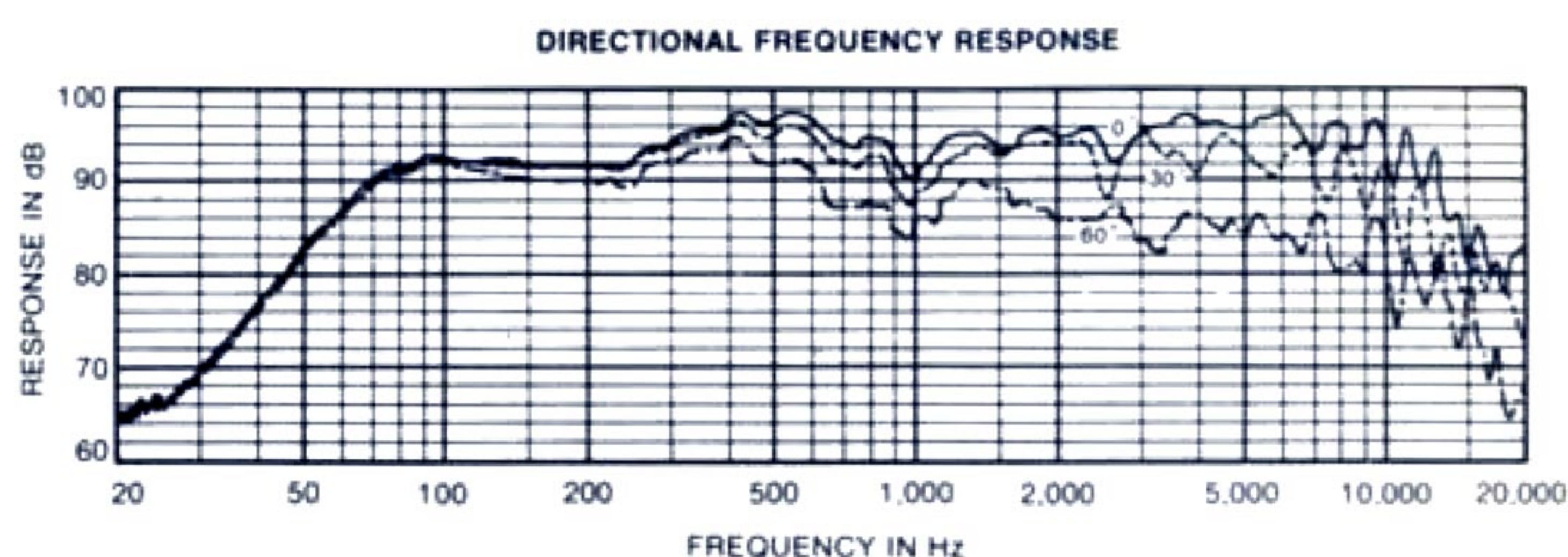
Undesirable resonance is minimized, and the richness and clarity of all sounds increased, by the use of an extra-thick enclosure board in the CS-801A. Further, a special reflection baffle in the inner part of the enclosure defeats the "standing wave" that robs you of full-fidelity performance. The combination helps reduce distortion in the low range, too.

LARGE-CORE CROSSOVER NETWORK AND LEVEL CONTROLS

Selected circuit elements, including a large ferrite core and low-loss capacitors in the crossover network, are used to ensure long-life durability and unfailing reliability. The mid-range and high-range level controls, situated on the back-panel, allow you to adjust the speakers according to the individual room acoustics.

ATTRACTIVE CABINET STYLING

The CS-801A makes good music sound better and better music sound great. But it doesn't ignore the eye. Its oiled-walnut finish brings out the natural-wood grain. The removable front grille is of a pleasing double-stacked, cursive pattern. The enclosure may be positioned vertically or horizontally.



CS-801A SPECIFICATIONS

Enclosure:	Infinite baffle type	Maximum Input Power:	110 watts
Speakers:	Woofer; 30cm (12 inch) cone type	Crossover Frequencies:	1,400Hz (Low-Mid)
	Midrange; horn type		11,000Hz (Mid-High)
	Tweeter; multi-cellular horn type	Dimensions:	400(W) x 640(H) x 297(D) mm
Impedance:	8 ohms		15-3/4(W) x 25-3/16(H) x 11-11/16(D)
Sensitivity:	96dB/W (at 1m distance)		inches
Frequency Range:	30 to 20,000Hz	Weight:	20.5 kg/45 lb. 3 oz.

NOTE: Specifications and design subject to possible modification without notice.



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