

 PIONEER

DSS-9

Three-Way Digital Standard Speaker System



The DSS-9 is specifically designed for digital sound, so you can enjoy the powerful, dynamic, incredibly clean performance of Compact Discs. Born in the U.S.A., its sound perfectly matches your taste. Great to look at too, a classical beauty.

Classical elegance for the digital age

Among the many "digital-ready" speaker systems now on the market, most claim a wide frequency range and low distortion. To Pioneer that's not enough. We think a system created for digital sound should have a high linearity to every sound, whether loud or soft, is reproduced with equal accuracy and efficacy.

This has led us to develop the LDMC (Linear-Drive Magnetic Circuit) to drive the hard and rigid PG (Polymer Graphite*) woofer. The LDMC creates a uniform and symmetrical magnetic flux within the woofer's voice coil gap. The diaphragm is thus driven in perfectly linear response to the current applied to the voice coil. Another Pioneer exclusive, the DRS (Dynamic Response Suspension), supports the diaphragm and moves it with high linearity. Results? Refreshingly transparent, forcefully powerful and exceptionally life-like sound, a perfect match for Compact Discs.

The bass sound of the DSS-9 is exceptionally clean, crisp and full-bodied. The reason is the EBD (Electronic Bass Drive) circuit incorporated in the woofer. This design uses two sets of voice coils, one wound on top of the other: an input with low frequencies is applied to one set, an input with ultra low frequencies to the other. What the result: voice out does is effectively double the amount of usable low-frequency output you actually hear and enjoy. This results in bass frequencies as low as 30Hz that do not lose their identity at any level.

Compact Discs offer a flat frequency response reaching as high as 20kHz. So, to do justice to high-frequency overtones that instruments create, we've used our exclusive ribbon tweeter featuring a beryllium diaphragm. Its diaphragm is directly driven by current, thus it can respond to the input most accurately, while adding little distortion of its own. This diaphragm is lightweight, therefore its transient response is superb. Also, since the diaphragm is firm and strong, resonance is kept low and coloration to a minimum. It all adds up to a high-frequency sound that is delicate yet powerful, the quality that makes the DSS-9 a perfect match for a CD's digital sound.

The DSS-9 is a 3-way bass-reflex design, so it has a third driver, a midrange unit. Like other drivers in the system, its diaphragm, made of hard beryllium, features improved frequency response, low distortion and wide dynamic range.

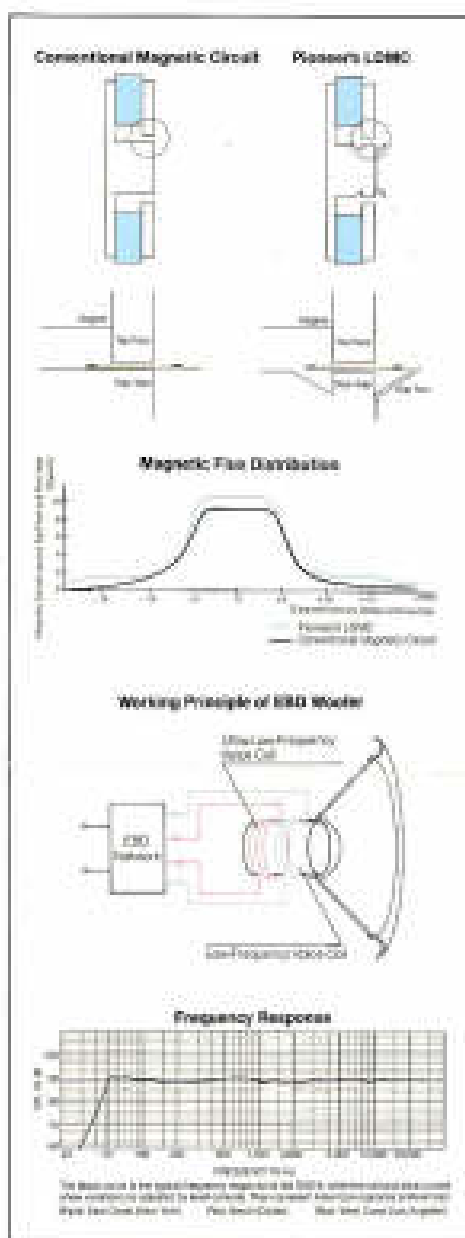
Summed up, the DSS-9 has all the properties a speaker system must have to be labeled "digital ready." Additionally, the enclosure has a baffle with rounded corners to reduce diffraction. And, importantly, the DSS-9 is designed to the highest demands of American audiophiles: many American audio critics, reviewers and keen-eared people were asked to comment on the design and development of the speaker system.

*Polymer Graphite is a trademark of Pioneer.

Specifications

Enclosure	Bass-reflex bookshelf type
Unit Layout	Symmetrical
Speakers	12-inch (30cm) PG cone woofer, 4-3/4-inch (12cm) beryllium cone midrange, Beryllium ribbon tweeter
Impedance	8 ohms
Frequency Range	30 - 60,000Hz
Sensitivity	81dB/W (1m)
Maximum Music Power	240W
Rated Power	80W
Crossover Frequencies	650Hz (Low/Mid), 4,000Hz (Mid/High)
Dimensions (W x H x D)	15-3/8 x 26-3/4 x 13-7/8 inches (399 x 680 x 353mm)
Weight (without package)	57 lbs. 5 oz. (258kg)

Note: Specifications and design subject to modification without notice.



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