

J33

Sansui High-Performance Two-Way Air-Suspension Compact Speaker System Featuring Seamed-Sheet Cone Woofer, Soft-Dome Tweeter and Luxurious Black-Luster Finish



Only hi-fi, everything hi-fi.





J33
SPEAKER SYSTEM



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Sansui



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J33: World's First Deluxe-Class Compact System with Full-Blown Hi-Fi Tonal Quality

Sansui believes that "small is beautiful"—or *should* be beautiful—when it comes to deluxe-class compact speaker systems like the J33. You might wish it were as large as massive floor-standing types simply because its black-luster finish is so pleasing to the eye. But compact is what you want, and compact is what you get—along with a sound and tonal quality equal to, if not better, than behemoth systems hundreds of times larger.

Two big benefits and three key design points are worth keeping in mind as you listen to the J33 at your Sansui showroom. The technical points are: One, a solid and meticulously crafted enclosure under that beautiful finish to ensure tight air-suspension performance.

Two, a team of first-class speaker units—special seamed-sheet cone woofer with huge magnet and equally special soft-dome tweeter—to handle the entire hi-fi frequency range with accuracy. And three, a carefully designed crossover network with the finest parts to ensure the full advantages of the two-way speaker system design. As for the two major benefits, your ears can tell you more than words—deep, realistic bass response is one, startlingly clear sound-imaging with remarkable phase integrity is the other.

Why sacrifice great sound (and great looks) for a more conveniently sized speaker system when you can own the world's first compact with full-blown hi-fi tonal quality? It's the J33 from Sansui, where it's *all* hi-fi.

Luxurious "Piano" Finish on a Compact Speaker System

The Sansui J33 is finished in a deep black luster much in the same way a fine piano is finished. First the surface of the high-density enclosure panels are filled, then two layers of special lacquer are applied and sanded smooth. Three more coats of lacquer are applied, again sanded with care, filled, then wax-buffed to a high shine. The entire process takes nine separate steps, and results in an enclosure surface so smooth and hard it can resist nicks and scratches to retain its beautiful luster over the years.

Precision Panel Joining Means Ideal Air-Suspension Performance

Here's one of the secrets of the realistic bass response in the J33—air-tight enclosure cabinetry that acts as a "spring" to reinforce the rich resonance of the low frequency musical sound waves produced by the woofer. To ensure solid joints, Sansui craftsmen use a "plain miter joint" technique, angling the edges of the enclosure panels and fitting the corners with extreme precision.

Seamed-Sheet Cone Assures Deep Musical Bass in 21cm Woofer

The uniformly distributed mass and even thickness of the cone materials offer ideal density without adding unnecessary weight. Shape, too, is important here, for the woofer cone is not straight but curved—formed by seamed-sheet technique which discourages distortion of all kinds. Ideal internal loss contributes still more to rich bass response.

The cone is then suspended by a rolled surround for ideal compliance, retaining its mobility even at high-level

driving. Response is smooth whatever the level because the magnetic circuit features a large-sized ferrite magnet forming an exceptionally strong magnetic flux along the specially-treated, low-mass voice coil. High power handling, unusually high efficiency for a compact and believable bass reproduction are the advantages.



One-Piece Soft-Dome Tweeter Spreads Crisp Highs

Soft-dome tweeters, such as that in the Sansui J33, are known for their ability to avoid "beaming." That is, their output is radiated evenly in an expanding arc pattern to reach every corner of your listening room. Our soft-dome diaphragm, formed of polyester fiber of ideal firmness and elasticity, is damped by a uniform coating of acrylic-based chemical agent to effectively control harmful resonance while assuring linear response to varying input levels.

The dome is formed with a rolled surround all in one piece. Tonal degradation, caused when domes and surrounds are separately manufactured and bonded together, is thus avoided. Heat and distortion, too, pose no problem. This is because we use a 13,000-gauss magnetic circuit, a light voice coil and a rigid voice coil bobbin.



Deluxe-Class Crossover Network for Deluxe-Class Tonality

The best crossover network for a two-way system, it's often said, is one that adds nothing, subtracts nothing. That is, the design of the network, and the parts it employs, should cause no false coloration whatsoever in the reproduced sound. In the J33 coils are wound around a core for low distortion; thick copper wires which offer low DC resistance enable the unimpeded flow of signals for tighter bass, crisper treble response plus the advantage of clearer sound-image localization.

Sansui's Deluxe J33: The Black-Luster Compact with the Sound of Perfection



60W Power Handling, 90dB/W Efficiency and 45—20,000Hz Frequency Range

There are speaker systems a *hundred times* the size of the Sansui J33 which can't offer nearly the sound quality. Power handling capacity is 60 watts, an advantage ordinary small speaker systems can't equal. Efficiency is an excellent 90dB/W at one meter, meaning you can drive the J33 with a relatively low-powered amp or receiver without problems of lost dynamics during the loud passages. Then, to ensure that you get your music's worth when you play any true high fidelity source, the frequency range is a wide 45 to 20kHz—strictly hi-fi.

Two-Way Design & Mirror-Paired Units for Incomparable Stereo Imaging

Sansui packages the J33 in matched stereo pairs; we suggest you mount them so that the tweeter of the left and

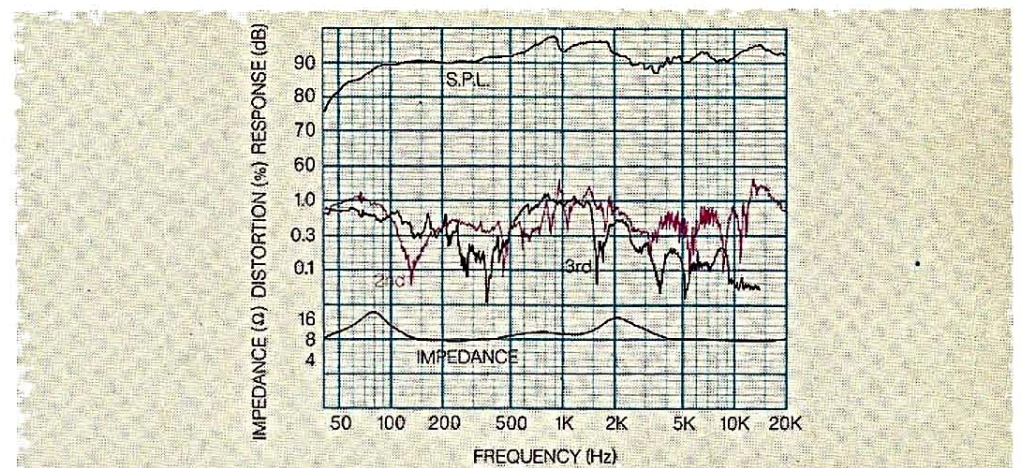
right systems—staggered from the center axis to the left and right respectively—are on the "outside" for ideal response in your listening area. The staggered arrangement of the speaker units within each system assures pinpoint stereo imaging.



Specifications

SPEAKERS	
WOOFER	210mm (8 1/4") cone type
TWEETER	25.4mm (1") dome type
MAXIMUM INPUT POWER	60 watts
IMPEDANCE	6 ohms
SENSITIVITY	90dB/W (JIS at 1m)
FREQUENCY RANGE	45 to 20,000Hz
CROSSOVER NETWORKS	2-way, 12dB/oct., L-C parallel type
CROSSOVER FREQUENCY	2,000Hz
DIMENSIONS	240mm (9 5/8") W 410mm (16 1/8") H 200mm (7 7/8") D
WEIGHT	7.2kg (15.9lbs.) Net 16.2kg (35.7lbs.) Packed (twin-packed)

•Design and specifications subject to change without notice for improvements.



SANSUI ELECTRIC CO., LTD.
14-1 IZUMI 2-CHOME, SUGINAMI-KU, TOKYO 168 JAPAN/TELEPHONE: 323-1111/TELEX 232-2076
SANSUI ELECTRONICS CORPORATION
1250 VALLEY BROOK AVENUE, LYNDHURST, NEW JERSEY 07071, U.S.A./TELEX: NEW JERSEY 422633 SEC UI
SANSUI AUDIO EUROPE N.V.
NORTH TRADE BUILDING, NOORDERLAAN 133-BUS 1, 2030 ANTWERP, BELGIUM/TELEX: 33538