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SANSUI AS300



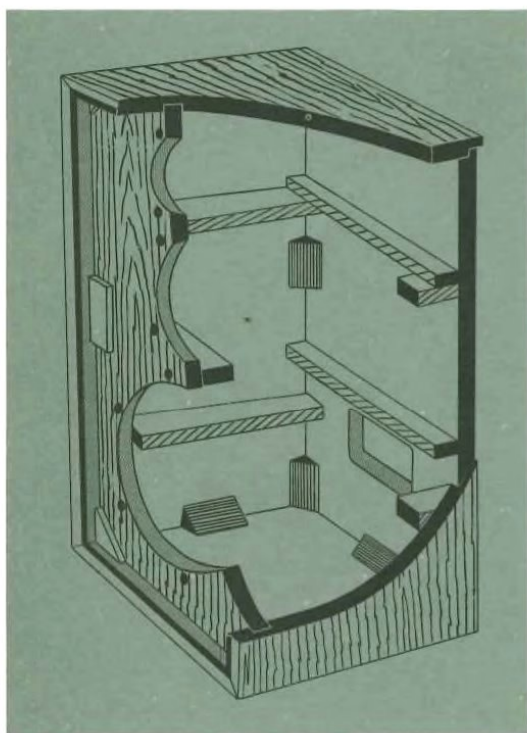
AS-300 ACOUSTIC SUSPENSION SPEAKER SYSTEM Now, from the rich legacy of Sansui audio craftsmanship comes the peerless 60 watt AS-300 speaker system, a new addition to our increasingly popular Acoustic Suspension (AS) series. A 3-way 3-speaker system featuring an LC crossover network of exacting standards, the AS-300 exploits the entire sound spectrum with completely natural quality and transitions. Gracefully, effortlessly, the system's high-compliance woofer, large cone midrange and newly developed tweeter combine to offer a richness and fidelity never before possible in a unit this compact. In fact, there is probably no happier union of high performance and relatively low price

to be found in any speaker system anywhere. The adoption of the acoustic suspension design carries with it another important blessing, too. It gives the listener freedom in placing his speakers, because there is no deterioration in performance whether the systems are positioned vertically or horizontally. The AS-300 is capable of handling a big 60 watts in input to easily flood most listening areas with beautiful hi-fi music, and its walnut-finished panels and fine-fabric grille make it eminently suitable for use in any room. The new AS-300 Acoustic Suspension speaker system. Very much in the Sansui tradition, and hence certain to be very much in demand.

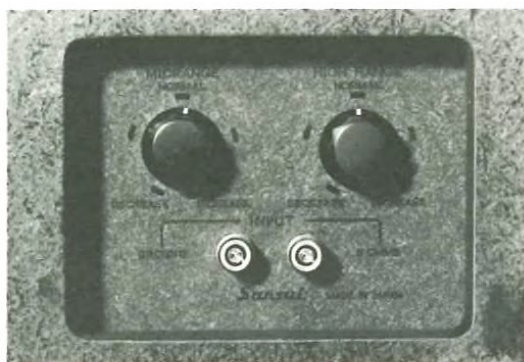
Sansui

NEW ACOUSTIC SUSPENSION DESIGN: Within the AS-300's compact, air-tight cabinet, the air functions as a spring against the cone, expanding and contracting with the pressure of the music, thus achieving considerably lessened bass harmonic distortion and a naturalness of sound no other type of speaker system can match. Other benefits stemming from this new design are unusually wide sound dispersion and ideal extended bass response.

ABSOLUTELY AIRTIGHT ENCLOSURE: An utterly leak-proof enclosure is perhaps the most important prerequisite there is in successfully exploiting the acoustic suspension design. So Sansui took special care with that of the AS-300. Thick, high-density super-hard chipboard forms the side panels (19mm thick) and the rear panel and baffle (22mm thick). Mitre-joined, these panels are then further reinforced to guard against undesirable resonance. The system, thanks to this careful construction and the lavish use of special sound absorbent materials, is thus able to reproduce remarkably well-damped, deep clear lows.



NEW LC TYPE CROSSOVER NETWORK: This is another of the many reasons the AS-300 performs so capably. This newly-developed LC type crossover network has ideal cut-off characteristics. Undesirable phase rotation is thus kept to a minimum, making for easier, more natural transitions between the three speakers.



VOLUME-TYPE ATTENUATOR: Another attractive feature of the AS-300 is its new conveniently located, continuously adjustable volume-type attenuator of the click-stop type, which allows you to more accurately attune the music to the acoustical environment you are in.

HIGH-COMPLIANCE WOOFER: Specially developed cone paper has ensured faultless reproduction from this big 12-inch high-compliance woofer of the AS-300. The paper, produced from a mixture of carefully selected wool and pulp, is also impregnated with a special damping compound. As a result, the speaker is able to render clear, well-damped sound up to midrange frequencies, which means excellent woofer/midrange transitions, and especially good reproduction of those ever-so-important lower midrange notes.

LARGE CONE MIDRANGE: The midranges themselves are handled by a large 16cm (6½-inch) cone type speaker for maximum efficiency in the 2,000 to 4,500Hz range. The places where intermodulation distortion is apt to occur—the lower and higher frequency ranges—are thus out of the province of this speaker, ensuring strong, distortion-free performance.

NEW CONE TWEETER: For the high frequency ranges, Sansui has assigned a newly designed 7.6cm (3-inch) cone tweeter, with an unusually wide sound dispersion characteristic and a dis-

tinctly superior transient response at high frequencies. Consequently, you get natural, highly transparent treble notes.

GRACIOUS STYLING: The AS-300 can mix in with even the most sophisticated furniture and decor, thanks to its beautiful walnut-finish side panels and striking fine-fabric front grille.

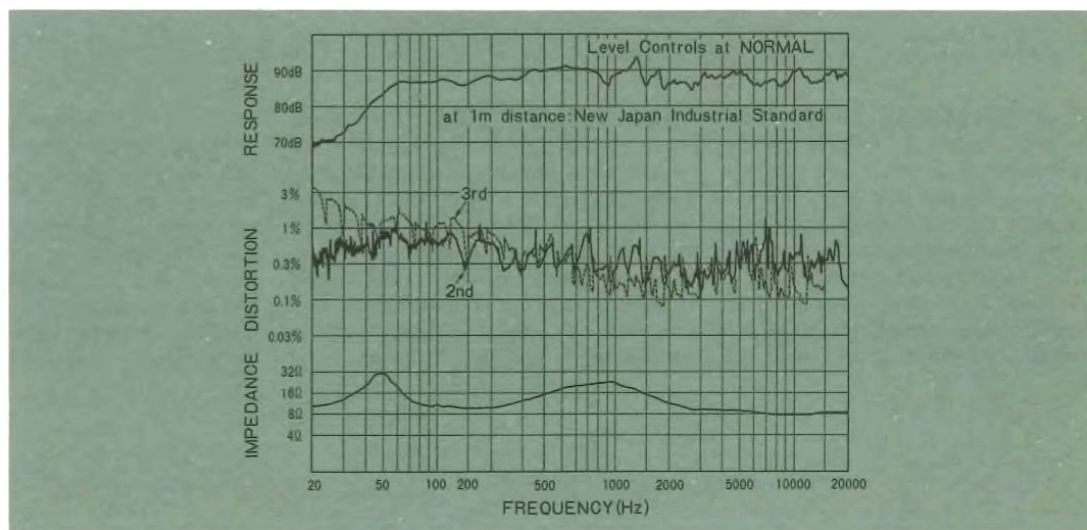
COMPACT AND VERSATILE: The adoption of the acoustic suspension design permitted this system to be of very compact proportions and to function on an equally high performance level whether placed vertically or horizontally. This allows you much greater freedom in your interior decoration scheme.



SPECIFICATIONS

WOOFER	300 mm (12") cone type
MIDRANGE	160 mm (6.5") cone type
TWEETER	76 mm (3") cone type
POWER RATING	60 W (Peak)
IMPEDANCE	8Ω
SENSITIVITY	88 dB/W (at 1m distance)
FREQUENCY RANGE	35-20,000 Hz
NETWORK	3-way parallel type Tweeter 12dB/oct. Low cut Midrange 6dB/oct. Low and High cut Woofer 6dB/oct. High cut
LEVEL CONTROLS	Variable attenuator for midrange and tweeter
CROSSOVER FREQUENCIES	2,000 Hz, 4,500 Hz
DIMENSIONS	670 mm (26 3/8") H x 360 mm (14 1/8") W x 300 mm (11 3/8") D
FINISH	walnut open pore
WEIGHT	19.8 kg (43.6 lbs.) net 22.4 kg (49.3 lbs.) gross

Design and specifications subject to change without notice for improvements.





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