

SANSUI | SP150 SP150T



SP-150

SP-150T

3-WAY 3-SPEAKER HIGH LINEARITY SPEAKER SYSTEM Now, a compact, bookshelf-sized speaker system that reconfirms Sansui's ability to achieve purer sound reproduction, the SP-150. Newest addition to Sansui's famed High-Linearity speaker system series, the 40 watt SP-150 has to rank among the finest ever marketed in its power and price range. A speaker system, per se, is designed to reproduce sound with as much clarity and faithfulness as possible. The SP-150 does that to a degree never before attained in a unit of its size, pouring forth rich, flawless sound over a 40 to 20,000Hz frequency response range. Given a special, newly designed LC crossover network—the like of which has never before

been invested in a compact system—the SP-150 achieves noticeably better distortion and damping factors. Incorporating a large, wet-type ferrite magnet woofer, a 5" midrange and a 2" horn tweeter, plus a unique separate step-down attenuator for the midrange and tweeter, the SP-150 is able to accurately and vividly render every musical nuance. Like all speaker systems from Sansui, it is a product of countless hours of listening tests in a great variety of acoustical environments. Encased in a rich, acoustically perfect walnut cabinet, it is highlighted by Sansui's own hand-carved "Kumiko" fretwork grille. The SP-150 is also available in handsome teak wood as the SP-150T.

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WOOFER: The large 10-inch woofer with super powerful magnetic circuitry, employs a big 3¾" diameter wet-type ferrite magnet. This, along with the speaker's unique rolled cloth edge, specially-selected cone paper and large domed radiator enable it to reproduce distortion-free sound from heavy lows to midranges with excellent damping, and to offer particularly gratifying high-frequency results.

MIDRANGE: The SP-150's midrange speaker is designed with the realization that the midrange notes are the most important components of music. A rear-sealed type with a large 'back cavity', the unit shuts out intermodulation with the woofer. The rise-time, resolution characteristic and distortion factor of reproduced sound have also been measurably improved.

TWEETER: High notes, often regarded as the most important in determining the tone quality of reproduced sound, are rendered by the SP-150's 2-inch horn tweeter in their most natural state. Lacking the unpleasantness of the metallic treble notes often heard from other tweeters, the reproduced sound boasts an excellent dispersion characteristic and transparency.

EXPENSIVE CROSSOVER NETWORK: The SP-150 is equipped with an expensive, specially developed crossover network, the best ever employed in a speaker system of this class. Successfully overcoming the common faults of an LC type network (such as distortion, attenuation of high frequencies and the reduction of the damping factor), the network almost eliminates the need for a costly electronic crossover stereo system which many advanced audiophiles lean toward. It has prevented the deterioration of speaker damping and also resulted in reduced distortion, while improving the transient response. The network is provided with a separate tap type step-down attenuator for the midrange and tweeter which, unlike network type attenuators, does not impair the speaker damping. These attenuators allow adjustment of output levels of the midrange and tweeter in three 3dB steps of Soft, Natural, Clear.

DAMPED BASS REFLEX DESIGN: The advanced pipe duct bass reflex design of the SP-150 is specially damped to lower the cabinet's minimum resonance frequency and smooth the

low-frequency response at the same time. The pipe duct design has also demonstrated its superiority to the square duct type of acoustics.

700Hz AND 7,000Hz CROSSOVERS: The successful development of a new high-performance midrange speaker has allowed Sansui engineers to set the crossovers for the SP-150's three speakers at 700Hz and 7,000Hz, ideal for the reproduction of richer, more natural midranges.

IDEAL SPEAKER POSITIONING: Although the placement of more than one speaker inside a single enclosure always tends to induce mutual interference, Sansui engineers successfully avoided this by carefully studying the wiring, the network and the speakers, and ideally positioning them. In addition, the SP-150's enclosure is lined with a special sound absorbent material, preventing the occurrence of harmful standing wave.

AVAILABLE IN WALNUT OR TEAK: The cabinet (enclosure) of a speaker system is one of the important factors in the quality of sound which emerges from it. The front baffle of the SP-150 employs especially high-density chipboard, while the cabinet proper utilizes equally hard, thick chipboard as the base material for greater strength and better sound absorption. The possibility of unpleasant 'cabinet resonance' is eliminated, permitting the reproduction of powerful, heavy bass notes. The speaker system is available in a beautiful walnut-finish as the SP-150, and in teak-finish as the SP-150T.

HAND-CARVED "KUMIKO" GRILLE: The SP-150 is provided with a uniquely Japanese, hand-carved Kumiko fretwork grille. A product of traditional Japanese handicraft, it adds greatly to the decor of any room. The SP-150T is covered with a thin, but sturdy light grey cloth on the front and equally contributes to the decor of your room.

ONE-TOUCH PUSHBUTTON TERMINALS: One-touch pushbutton type connection terminals are provided to facilitate connection to an amplifier. For your convenience, they are color coded as to the plus and minus polarities. The pushbutton design not only simplifies the necessary connection but virtually eliminates the possibility of short-circuits.



SPECIFICATIONS

SPEAKER	• PIANOS • ORGANOS
WOOFER	10" (254mm) cone type
MIDRANGE	5" (127mm) cone type
TWEETER	2" (50mm) horn type
POWER RATING	40W (peak)
SENSITIVITY	98dB/watt
IMPEDANCE	8Ω
FREQUENCY RANGE	40-20,000Hz (anechoic chamber) 30-20,000Hz (normal listening room)
CROSSOVER FREQUENCIES	700/7,000Hz
CROSSOVER NETWORK	3-way 12dB/oct.
LEVEL ADJUSTMENT	midrange 3-step (clear/natural/soft) high-range 3-step (clear/natural/soft)
ENCLOSURE FINISH	
SP-150	oiled walnut "Kumiko" fretwork grille
SP-150T	oiled teak cloth grille
DIMENSIONS	23 7/8" (607mm) H x 14 7/8" (367mm) W x 11 5/8" (303mm) D
WEIGHT	38.5 lbs. (17.5kg)

Design and specifications subject to change without notice for improvements.

