

# SANSUI SP2500X

THE 5-SPEAKER 3-WAY SPEAKER SYSTEM, 100 WATTS



Sansui's technical originality and firm insistence on very high tonal quality have added much to our success as an audio-only manufacturer. Spectacular musical performance and tonal accuracy are aspects of high fidelity that we never set aside just for the sake of specifications. And there's no better proof of this than the SP-2500X.

Your ears will sense the difference even

before you learn the reasons behind its amazing balance and clarity. The big 12-inch woofer, twin cone midranges and twin horn tweeters in the SP-2500X deliver the kind of sound volume and tonality you'd expect from a much larger and more expensive system. This isn't so surprising when you know that Sansui has made overall system balance the key factor here, and has insisted on the widest

range and flattest response ever achieved in a system this size.

There's no reason a compact and practically-priced speaker system can't deliver the kind of sound you want to hear. And when you listen to the SP-2500X you'll realize just how true that is. From Sansui, where it's *all* hi-fi.

*Sansui*

# Learn the reasons behind its big, beautiful sound—Hear the SP-2500X.

## Big 12-Inch Woofer for Solid and Mellow Bass

To reproduce the solid and driving sounds of electric basses, organs and other popular instruments requires a relatively large woofer. If you've heard other bookshelf-sized systems, you know that enclosure design and other details can't make up for woofer size. The big 12-inch unit in the SP-2500X is one designed for this system—not one "borrowed" from a larger model. Our engineers selected special diaphragm cloth, bound it in a blend of choice pulp, gave it an ideal surround, then formed it with care to assure improved transient response.

## Barium-Ferrite Woofer Magnet and Lightweight Voice Coil

Proper damping is important for a woofer so large, and we've selected a big 5<sup>3</sup>/<sub>32</sub>-inch barium-ferrite magnet to handle the job. And by using a heat-dissipating aluminum voice coil of very light weight, we've assured maximum linearity, lower intermodulation distortion and almost no split vibration, even at high inputs.

## High Efficiency for Wider Dynamic Range

Though the SP-2500X accepts up to a big 100 watts of input, its efficiency is high enough (96dB at 1 m/1W) to let you use almost any receiver or amplifier for brilliant results. This strain-free efficiency also widens the dynamic range of the system for a more natural sound.

## Twin Cone Midrange Drivers

For the vital midrange frequencies, wherein are found the lower harmonics of nearly all musical instruments, the SP-2500X uses two different types of cone midranges, wired in parallel, which complement each other for better performance. One has a back cap with

felt-damped ports for better transition from the woofer; the other is fully sealed and has an accordion-pleated surround to avoid tonal discontinuity with the tweeters. The firm, resilient cones are molded in slightly different patterns, assuring that as a team they yield a flat response over a wide midrange. Both have aluminum sound radiators for better dispersion and transient response.

## Twin Horn Tweeters with Mylar Film Diaphragms

Extending the frequency range into the ultrahighs in the SP-2500X are two wide-dispersion horn tweeters, each equipped with a die-cast zinc equalizer to avoid phase interference. The use of thin 30 $\mu$  mylar film diaphragms and CCAW (Copper-Clad Aluminum Wire) voice coils further reduce moving mass. A silicon material is used for diaphragm damping to improve transient response.

## Crossover Network

Sansui has selected a sharp 12dB/oct. cut-off curve for the crossover frequencies. The special network, built around an expensive ferrite-core capacitor, eliminates instability and keeps distortion to 1.0% or under over the entire audio range while increasing power handling capacity.

## Convenient Level Control

The SP-2500X has an easy-to-adjust level control on its front baffle; the three positions (SOFT, NATURAL and CLEAR) let you adjust the level to best match your room, your music and your ears.

## Damped Bass-Reflex Enclosure

Like the SP-5500X and the still-larger SP-7500X, this compact system has a damped

pipe-duct to extend the bass response. Cabinet construction—with mitered edges and masterful carpentry throughout—is strong and sturdy. The removable Kumiko handcarved grille is the unmistakable proof that you own a Sansui System—the best money can buy.

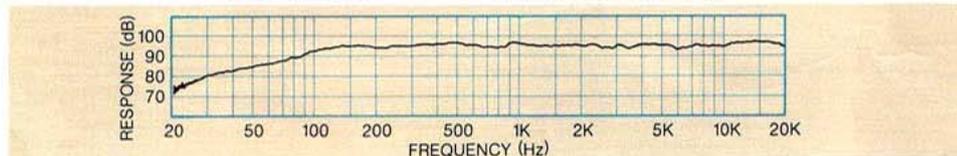


## SPECIFICATIONS

<b>SPEAKERS</b>	
<b>WOOFER</b>	12" (305 mm) cone-type
<b>MIDRANGE</b>	5 <sup>3</sup> / <sub>32</sub> " (130 mm) X 2 cone-type
<b>TWEETER</b>	2 <sup>3</sup> / <sub>4</sub> " (54 mm) X 2 horn-type
<b>POWER RATING</b>	100 watts (peak)
<b>IMPEDANCE</b>	8 ohms
<b>SENSITIVITY</b>	96dB/W (new JIS at 1 m)
<b>FREQUENCY RANGE</b>	30 to 20,000Hz
<b>CROSSOVER NETWORKS</b>	
	3-way, 12dB/oct.
	L-C parallel type
<b>CROSSOVER FREQUENCIES</b>	
	1,200Hz, 5,000Hz

<b>FINISH</b>	Simulated wood grain
<b>DIMENSIONS</b>	383 mm (15 <sup>1</sup> / <sub>8</sub> ") W
	633 mm (24 <sup>1</sup> / <sub>8</sub> ") H
	280 mm (11 <sup>1</sup> / <sub>8</sub> ") D

<b>WEIGHT</b>	18.4 kg (40.6 lbs) Net
	20.4 kg (45.0 lbs) Packed
	Design and specifications subject to change without notice for improvements.



# LIMITED WARRANTY SANSUI INTERNATIONAL

SANSUI ELECTRIC COMPANY, LTD. (Sansui) warrants all Sansui products purchased in one country and taken abroad against defects in materials and workmanship for the period(s) enumerated under "TERMS OF THIS WARRANTY" from the original purchase date. Provided that the holder bears all costs for insuring the safe delivery and return of his equipment to and from the nearest authorized Sansui service center, repairs and parts replacement will be made without charge anywhere in the world, subject to the following EXCEPTIONS:

## EXCEPTIONS

1. Equipment being used in the original country of purchase (which is covered by a local warranty issued by the Distributor).
2. Failure to present both the sales slip (or its equivalent) and this Warranty card.
3. Breakdowns or damage due to careless handling, negligence, abuse or failure to follow operating instructions furnished by Sansui.
4. Breakdowns caused by other appliances.
5. Breakdowns or damage due to natural disasters, acts of war or public disturbances.
6. Repairs, alignments, alteration or tampering with the product by individuals or service stations other than those specifically designated by Sansui.
7. Breakdowns or damage due to packaging and shipment in containers other than those provided or designated by Sansui.
8. Equipment with serial numbers altered or removed.
9. Equipment for which This Warranty has expired (see list below).

*Products to which the above exceptions apply will be serviced at cost to the owner.*

## TERMS OF THIS WARRANTY

PRODUCTS	FREE LABOR/FREE PARTS	EXCEPTIONS
The Definition Series Amplifiers, Tuners, Turntables, Cassette Decks and Speaker Systems	60 Months	A, B, C, D
Receivers, Tuners, Integrated Amplifiers, and all other amplification units	24 Months	A
Turntables	24 Months	B
Speaker Systems	36 Months	C
Tape Decks & Recorders	12 Months	D
Stereo Headphones	12 Months	—

- A. With the exception of panels, knobs, bonnet, dial glass and all wooden parts.  
B. With the exception of stylus, knobs, headshell, dustcover and all wooden parts.  
C. With the exception of front grilles and grille cloth, all wooden parts and knobs.  
D. With the exception of all wooden parts, panels, knobs, smoked plates, tape heads, and all other parts listed as accessories.

## NOTE

1. This WARRANTY is expressly given in lieu of all other Warranties either expressed, implied or statutory, and all other obligations or liabilities of SANSUI which may arise in connection with the Sansui products. The implied Warranties are limited in duration to the duration of this Warranty.
2. Since proof of date of purchase is the responsibility of the owner, he must present the sales slip (or the Warranty Certificate issued by Sansui as a substitute for the sales slip) together with this Warranty when applying for In-Warranty Service at an AUTHORIZED SANSUI SERVICE CENTER.

**IMPORTANT**  
FOR IN WARRANTY SERVICE,  
KEEP YOUR SALES SLIP  
(OR ITS EQUIVALENT) HERE

**Sansui**

SANSUI ELECTRIC CO., LTD./14-1, 2-CHOME, IZUMI, SUGINAMI-KU, TOKYO 168, JAPAN

MODEL:

SP-2500X

SERIAL NO:

96082957

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Applicable only for Sansui products purchased in one country and taken abroad. When no international shipment or travel is involved, only the original Local Warranty is applicable.