

SP-X9 X8 X7 X6

Sansui Hi-Fi Speaker Systems—Multi-Way Systems featuring High Power Handling, High Efficiency, Wide Dispersion and Low Distortion.



Sansui's High Efficiency Speaker Series: Designed to open up new worlds of music appreciation.

SP-X9

Engineered for the Music of Tomorrow: Seven Drivers, 17⁵/₃₂-inch Woofer, 100dB Efficiency, 300 Watts Power Handling.

Over-Sized, Low-Distortion 17⁵/₃₂-inch Woofer for Full-Bodied Bass.

Big bass response is what you want and big bass is what you get from the giant 17-inch-plus woofer of the SP-X9. But large bass drivers tend to produce large amounts of music-muddying distortion, don't they? Not this one. We use a T-shaped Pole Piece to form a symmetrical magnetic field across the voice coil gap and a concave recess at the center

pole. This design reduces second and even more irritating third harmonic distortion components to inaudible levels, measurable only by sensitive instruments. We've increased the power handling capability of the SP-X9 to an overwhelming 300 watts by means of a powerful magnet, a high-temperature voice coil and a specially-formulated, lightweight diaphragm in this bass driver. Clean, clear bass is the result, no matter what the sound level. Sonic definition is also improved, for the driver is forward mounted rather than flush with the baffle.

High Efficiency Midrange, Coupled with Sectoral Horn-Equipped Dual Tweeters, Improves Dispersion Characteristics.

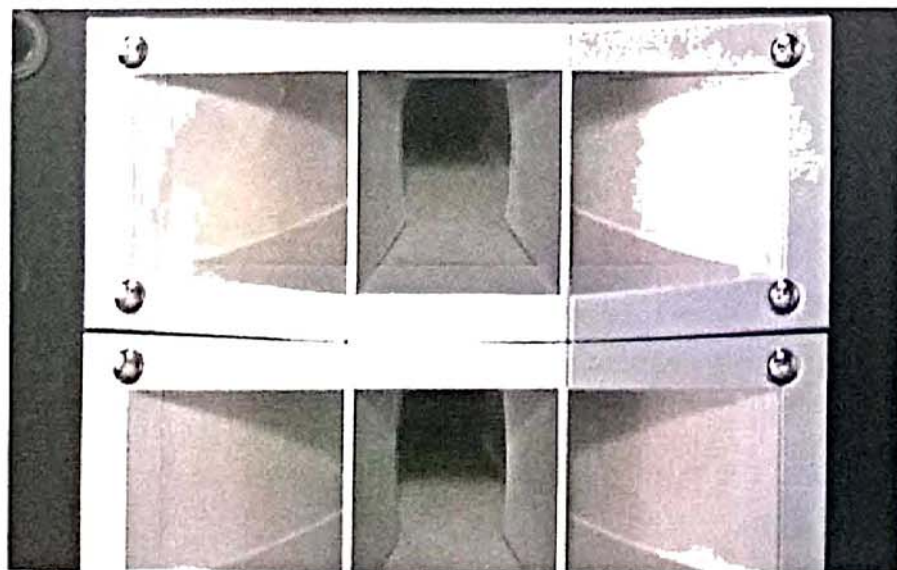
We've specially designed a lightweight 6¹/₂-inch cone midrange unit to match

SP-X9

up with the woofer and extend response up to high tweeter frequencies. Again, the design criterion for this driver was the ability to disperse large amounts of heat created by high power inputs. High frequencies tend to have poor dispersion characteristics and so we've fitted the two horn tweeters with sectoral fins to improve dispersion over a wide arc. The horns are constructed of precision-cast zinc for resonance-free, uncolored reproduction, and are coupled with phenolic diaphragms for unusually fast transient response.

Triple Supertweeters: Extend Response to the Supersonic Region.

The SP-X9 uses a trio of supertweeters, each cone configured. To extend response beyond the audible range, we've



SP-X8

staggered the range of the central unit with the range of the outer units. Furthermore, the center-positioned supertweeter is equipped with a diffuser to assure uniform dispersion even at supersonic frequencies.



Level Control Tunes Your Speaker Systems to Your Listening Room.

The front-panel level control offers three clicked positions: NATURAL, SOFT-1 and SOFT-2. Matching the speaker systems' response to your acoustic environment is easy; you can use, for example, the SOFT positions when you feel the highs sound too brilliant.

Classy Real-Wood Kumiko Grille, a Sansui-Exclusive Touch. Old-world craftsmanship is still alive and



SP-X7



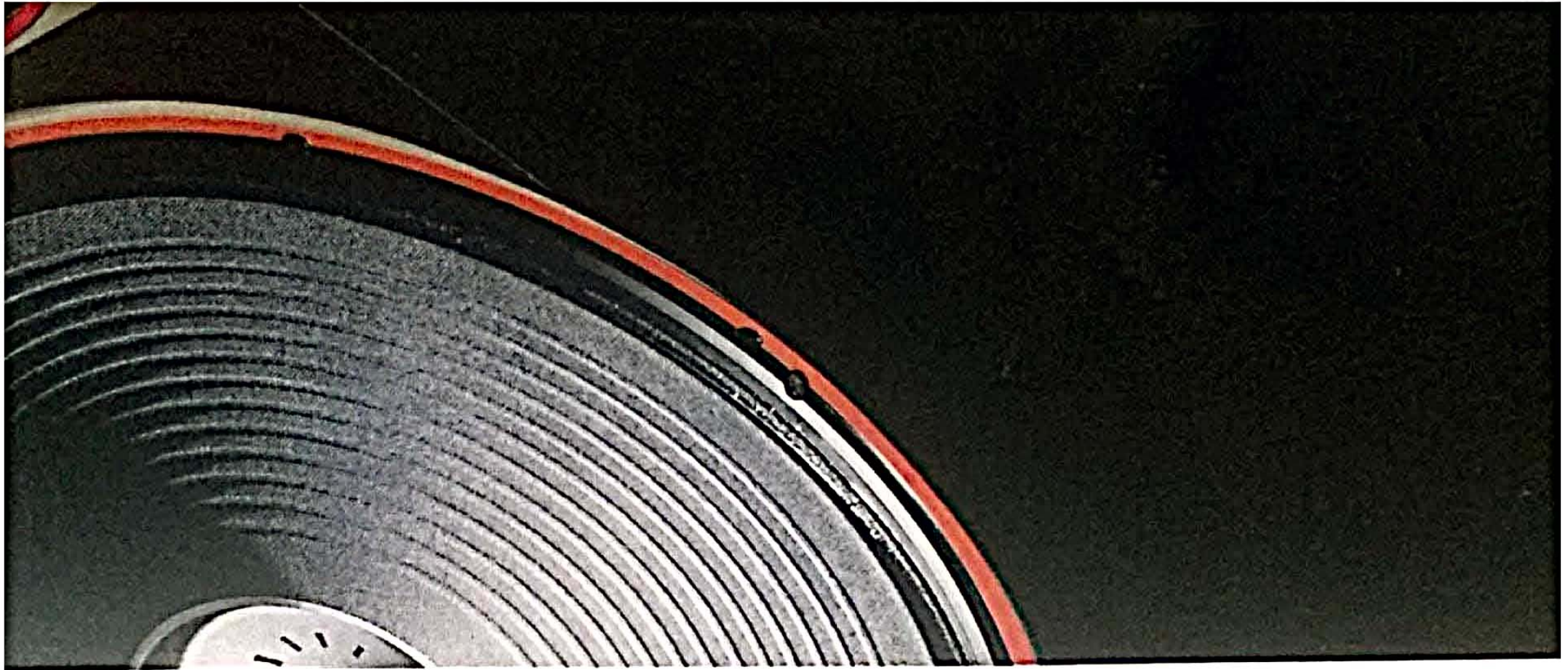
SP-X6

well, take a look at the SP-X9's real-wood Kumiko Grille, painstakingly fashioned of genuine Japanese cypress. And for those who prefer to display the high-technology aspect of Sansui speakers, we've finished the speaker front panel in matte black to contrast with the silver trim of the speaker units.

SP-X8

A Perfect Mate for Your High Power Amp or Receiver: Six Drivers, 17⁵/₃₂-inch Woofer, 100dB Efficiency, 250 Watts Power Handling.

The SP-X8 represents all the fine sonic clarity and extended range of our top model, the SP-X9, but is designed to handle a little less power (but still a high 250 watts) and to cost a little bit less. We reduced the number of drivers by one but still retained the jumbo 17⁵/₃₂-inch woofer of our highest priced model. Here's a short description of each unit in this six-way system.



First the woofer and midrange. Identical to those of the SP-X9, they feature high power handling capacity and low distortion. Extremely deep bass is possible, and so are completely natural mids at any power level.

Next in line is the horn tweeter with sectoral fins. Wide dispersion is the result of this scientifically-matched combination. The die-cast zinc horn guarantees minimum resonance and the phenolic diaphragm assures good transients.

Last but not least are the trio of supertweeters, each angled at a different direction for good dispersion characteristics. Response is extended far beyond the limits of human hearing.

The finishing touch for this bass-reflex system is the beautiful Kumiko grille, made of real wood. As in the SP-X9,



a three-way level control is located on the front panel.

SP-X7

Rugged and Powerful, Beautiful and Subtle: Five Drivers, 16-inch Woofer, 97dB Efficiency, 200 Watts Power Handling.

Designed with the same care as our more expensive SP-X models, the SP-X7

reflects the same sound concept—fine definition, wide range and high power capabilities.

The woofer is a huge 16-incher, constructed with the same T-Shaped Pole Piece as its larger brothers. It features sophisticated advances in cone, coil and frame design. The result is spectacular furniture-rattling bass response.

The midrange of the SP-X7 is a high-efficiency 4 $\frac{3}{4}$ -inch unit with cone diaphragm. Its low-distortion performance assures ear-pleasing listening enjoyment.

The mid-highs are handled by a competent horn tweeter coupled with sectoral fins, the same unit found in our more expensive systems. You'll enjoy all the sonic advantages of our best systems but at an economical price. Handling the highs are a pair of cone supertweeters that take response beyond the range of human hearing—your assurance that audible frequencies are as true as possible.

As with every model in our exclusive SP-X line, the SP-X7 is fitted with a Kumiko grille and is equipped with a 3-position level control.



SP-X6

Clarity that Commands Attention: Four Drivers, 13-inch Woofer, 95dB Efficiency, 160 Watts Power Handling.

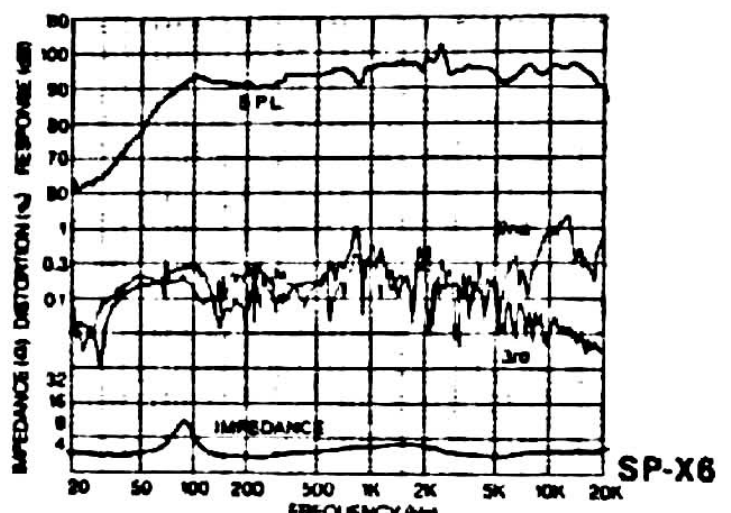
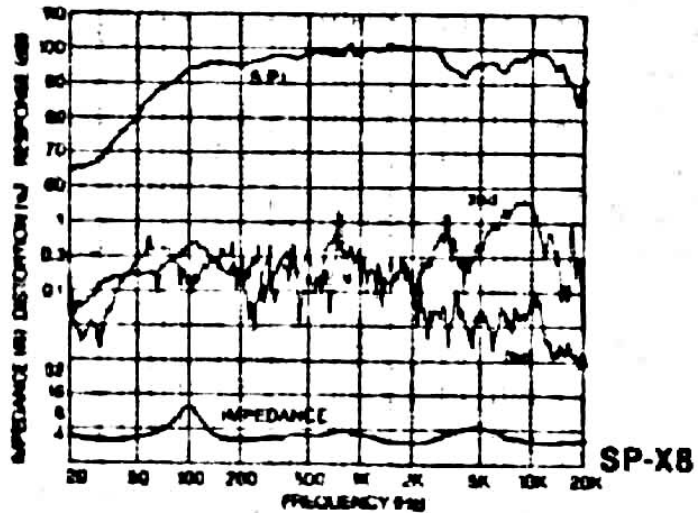
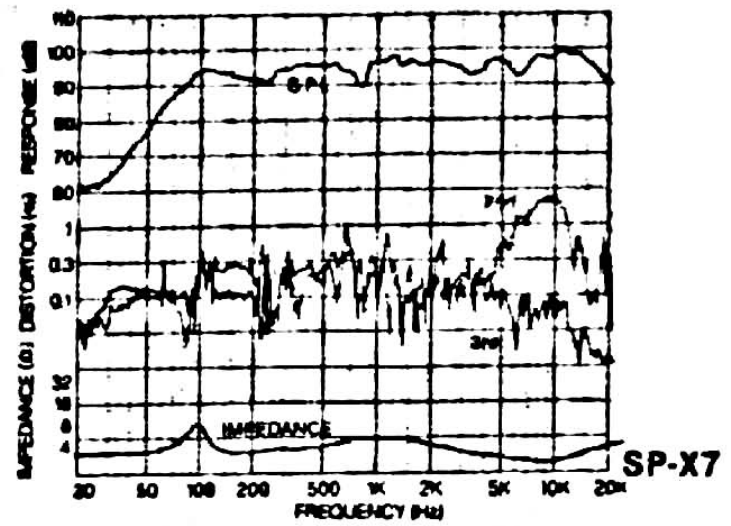
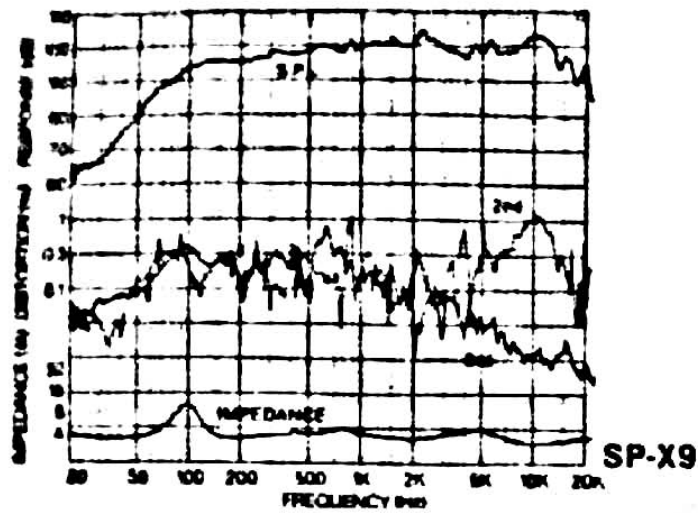
Combining all the fine features and design concept with the other SP-X systems is the SP-X6, the least expensive model in our lineup. It matches a large bass driver with three other quality drivers for first-class sound over a wide frequency range.

The 13-inch woofer is designed with a center pole topped by a concave recess that helps to reduce distortion. Powerful bass is always available whenever needed.

We've used the same midrange unit in the SP-X6 as in the SP-X7. This means high efficiency and high power handling capability. The all-important mids are clearly defined no matter what the input level.

A pair of equally competent drivers are assigned the high frequencies. First, a horn tweeter with sectoral fins covers the lower range and a cone supertweeter covers the upper range. Completely natural response without a hint of distortion is the result of this able team.

Like all the other SP-X systems, the SP-X6 has a Kumiko grille and a 3-position (NATURAL, SOFT-1, SOFT-2) level control.



Specifications

SP-X9

SPEAKERS	
WOOFER	436mm (17 ^{1/2} ") cone type
MIDRANGE	165mm (6 ^{1/2} ") cone type
TWEETER	154mm (6 ^{1/8} ") x 50mm (2") x 2 horn type
SUPERTWEETER	49mm (1 ^{7/8} ") x 3 cone type
MAXIMUM INPUT POWER	300 watts
IMPEDANCE	8 ohms
SENSITIVITY	100dB/W (at 1m)
FREQUENCY RANGE	22 to 23,000Hz
CROSSOVER NETWORKS	5-way 18dB/oct 12dB/oct 6dB/oct
CROSSOVER FREQUENCIES	1,000Hz, 7,000Hz, 10,000Hz, 15,000Hz
DIMENSIONS	470mm (18 ^{1/2} ")W 688mm (27 ^{1/8} ")H 253mm (9 ^{7/8} ")D
WEIGHT	18.8kg (41.6 lbs) Net 20.0kg (44.1 lbs) Packed
FINISH	Top sides and bottom are in simulated walnut-grain finish Kumiko trellwork grille is made of Japanese Cypress

SP-X8

SPEAKERS	
WOOFER	436mm (17 ^{1/2} ") cone type
MIDRANGE	165mm (6 ^{1/2} ") cone type
TWEETER	154mm (6 ^{1/8} ") x 50mm (2") horn type
SUPERTWEETER	49mm (1 ^{7/8} ") x 3 cone type
MAXIMUM INPUT POWER	250 watts
IMPEDANCE	8 ohms
SENSITIVITY	100dB/W (at 1m)
FREQUENCY RANGE	22 to 23,000Hz
CROSSOVER NETWORKS	4-way 18dB/oct 12dB/oct 6dB/oct
CROSSOVER FREQUENCIES	1,000Hz, 6,000Hz, 10,000Hz
DIMENSIONS	470mm (18 ^{1/2} ")W 688mm (27 ^{1/8} ")H 253mm (9 ^{7/8} ")D
WEIGHT	18.8kg (41.6 lbs) Net 20.0kg (44.1 lbs) Packed
FINISH	Top sides and bottom are in simulated walnut-grain finish Kumiko trellwork grille is made of Japanese Cypress

SP-X7

SPEAKERS	
WOOFER	406mm (16") cone type
MIDRANGE	121mm (4 ^{3/4} ") cone type
TWEETER	154mm (6 ^{1/8} ") x 50mm (2") horn type
SUPERTWEETER	49mm (1 ^{7/8} ") x 2 cone type
MAXIMUM INPUT POWER	200 watts
IMPEDANCE	8 ohms
SENSITIVITY	97dB/W (at 1m)
FREQUENCY RANGE	30 to 22,000Hz
CROSSOVER NETWORKS	4-way 18dB/oct 12dB/oct 6dB/oct
CROSSOVER FREQUENCIES	2,500Hz, 7,000Hz, 15,000Hz
DIMENSIONS	436mm (17 ^{1/2} ")W 682mm (26 ^{7/8} ")H 252mm (9 ^{7/8} ")D
WEIGHT	15.9kg (35.1 lbs) Net 17.2kg (37.9 lbs) Packed
FINISH	Top sides and bottom are in simulated walnut-grain finish Kumiko trellwork grille is made of Japanese Cypress

SP-X6

SPEAKERS	
WOOFER	330mm (13") cone type
MIDRANGE	121mm (4 ^{3/4} ") cone type
TWEETER	154mm (6 ^{1/8} ") x 50mm (2") horn type
SUPERTWEETER	49mm (1 ^{7/8} ") cone type
MAXIMUM INPUT POWER	160 watts
IMPEDANCE	8 ohms
SENSITIVITY	96dB/W (at 1m)
FREQUENCY RANGE	20 to 22,000Hz
CROSSOVER NETWORKS	4-way 6dB/oct
CROSSOVER FREQUENCIES	2,500Hz, 8,000Hz, 18,000Hz
DIMENSIONS	378mm (14 ^{7/8} ")W 629mm (24 ^{3/4} ")H 252mm (9 ^{7/8} ")D
WEIGHT	12.1kg (26.7 lbs) Net 13.4kg (29.5 lbs) Packed
FINISH	Top sides and bottom are in simulated walnut-grain finish Kumiko trellwork grille is made of Japanese Cypress

Design and specifications subject to change without notice for improvements



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- SP-X9: 300 Watts, 100dB Sensitivity, 17" Woofer
- SP-X8: 250 Watts, 100dB Sensitivity, 17" Woofer
- SP-X7: 200 Watts, 97dB Sensitivity, 16" Woofer
- SP-X6: 160 Watts, 95dB Sensitivity, 13" Woofer

