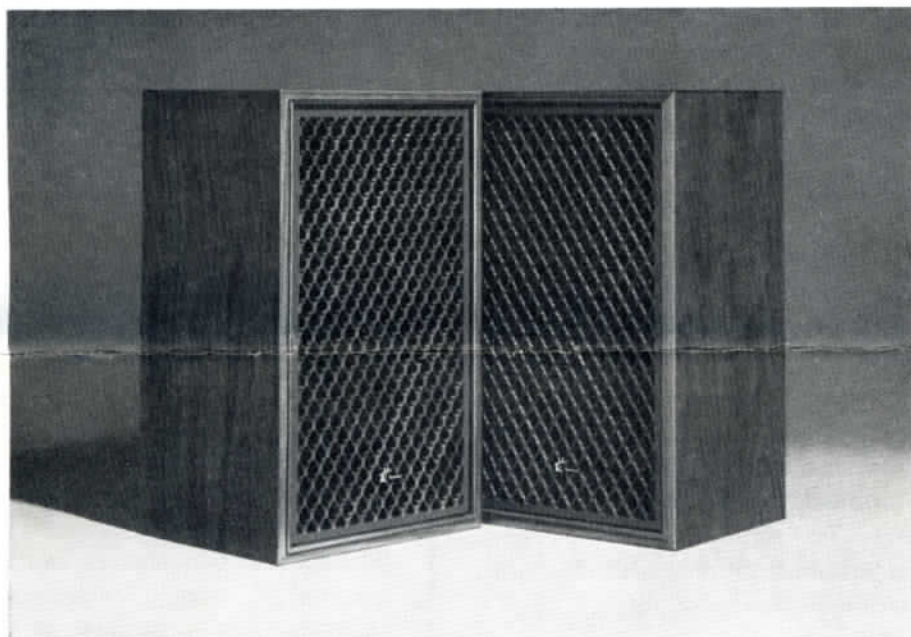


# SANSUI SPEAKER SYSTEM

## SP-70



OPERATION AND MAINTENANCE MANUAL

*Sansui*

SANSUI ELECTRIC COMPANY LIMITED

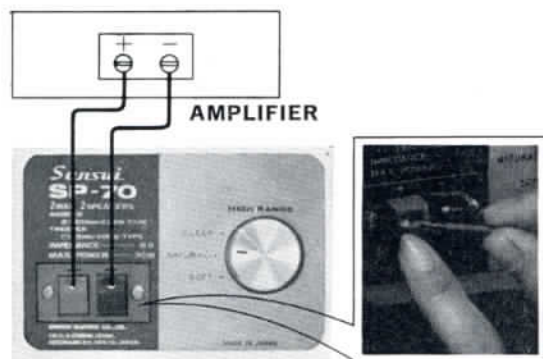
## CONNECTIONS

The SP-70 has been provided with the latest spring-loaded terminals which make connections easier and safer than ever. To connect:

1. Depress the colored button, opening a hole in the terminal post.
2. Push the exposed end of the lead wire into the opening.
3. Release the button.

The connecting wire (supplied) has leads which can be distinguished from one another. The red lead should be connected from the plus (+) input or red terminal of the speaker to the 8-ohm plus (+) output of the amplifier and the black lead from the minus (-) input or black terminal of the speaker to the minus (-) or C terminal strip on the amplifier.

When a stereo pair of speaker systems are connected, they must be connected in phase. If not, the SP-70 will not live up to its full performance capabilities and the stereo effect becomes greatly impaired. To connect in proper phase, connect the left speaker (as viewed from the listening area) to the left channel terminals on the amplifier as indicated above. The right speaker connections should be made identically, but to the right channel terminals on the amplifier.



### Parallel and Series Connections

If you wish to connect two or more speaker systems to a common output in one channel, the impedance of the total number of systems must be matched to that of the output. In

addition, the speaker systems must be connected so that they will be operated in phase. In case two SP-70 speaker systems are connected in parallel, the sum of speaker impedance is equal to 4-ohms. If they are connected in series, the sum is 16-ohms. The parallel connection is preferable to the series connection.

## PLACEMENT

The SP-70 is designed for shelf or floor mounting to suit the decor and space requirements of every room in your home. It gives excellent results used either horizontally or vertically.



### Room Acoustics

The speaker performance can be greatly influenced by acoustic environment. In addition, the degree of liveness of a speaker system can be greatly influenced by room furnishings. Therefore, it is advisable to place the system against wall in a corner of the room after covering glass windows with curtain cloth and removing reflecting surfaces, if possible.

### Level Control

The SP-70 has been provided with 3-position high frequency level controls. It can be used to compensate in some degree for room acoustics. The settings of Clear, Natural and Soft should be used as needed:



**Clear**—Set the control to this position if highs are absorbed and bass is over emphasized.

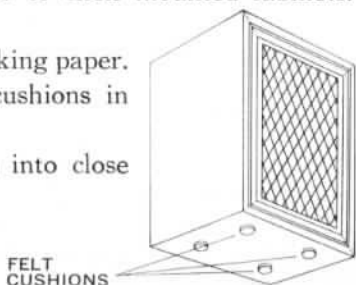
**Natural**—Set to here if the system(s) is installed in the average furnished room.

**Soft**—Use this position if highs are over emphasized and bass is absorbed.

### Felt Cushions

The felt cushions (supplied) protect the finished bottom and assure the stable standing of the floor or shelf mounted cabinets. To stick:

1. Peel off backing paper.
2. Place felt cushions in position.
3. Press down into close adherence.



### HINTS ON USE

1. When some switches on the amplifier connected to the SP-70 are turned on or off with fairly advanced volume, a large click noise may be heard from the speakers. To reduce such noise, set the volume control to the lowest possible position; operate the switches; and reset the volume control to its original position.

2. All Sansui speakers have specified impedance of 8-ohm but can be operated with any

6- to 16-ohm amplifiers. For use with a solid-state amplifier, carefully read the manufacturer's instructions before making connections.

3. The system enclosure has been designed to be a fine piece of furniture as well as a hi-fi component. Don't install it in a place where it may be exposed to the sun.

### SPECIFICATIONS

#### SPEAKERS

WOOFER:	8" (20cm) Cone type
TWEETER:	1" (2.5cm) Dome type
POWER RATING:	30 watts (peak) 15 watts (continuous)
IMPEDANCE:	8 ohms
SENSITIVITY:	98 dB/watt
FREQUENCY RANGE:	35—20,000Hz (at anechoic room) 30—20,000Hz (at normal listening room)

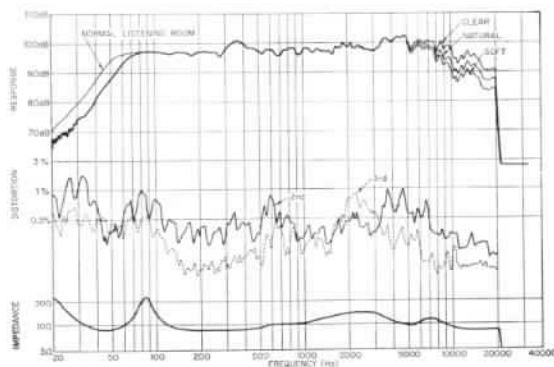
CROSSOVER FREQUENCY:	6,000Hz
CROSSOVER NETWORK:	2 way 12 dB/oct
DIMENSIONS:	22 <sup>3</sup> / <sub>8</sub> " (568mm)H 13 <sup>7</sup> / <sub>16</sub> " (341mm)W 10 <sup>1</sup> / <sub>16</sub> " (270mm)D

WEIGHT:	28.6 lbs. (13kg)
FINISH:	Open Pore

### ACCESSORIES LIST

OPERATING INSTRUCTIONS	1
CONNECTING WIRE	1
POLISHING CLOTH	1
FELT CUSHIONS	4

### CHARACTERISTICS



---

The Sansui logo consists of the word "Sansui" in a white, italicized serif font, set against a solid black rectangular background.

**SANSUI ELECTRIC COMPANY LIMITED**

Head Office: 14-1, 2-chome, Izumi, Suginami-ku, Tokyo, Japan. TEL. 323-1111

---

Stock No. 9206370

Printed in Japan (N1350M4)