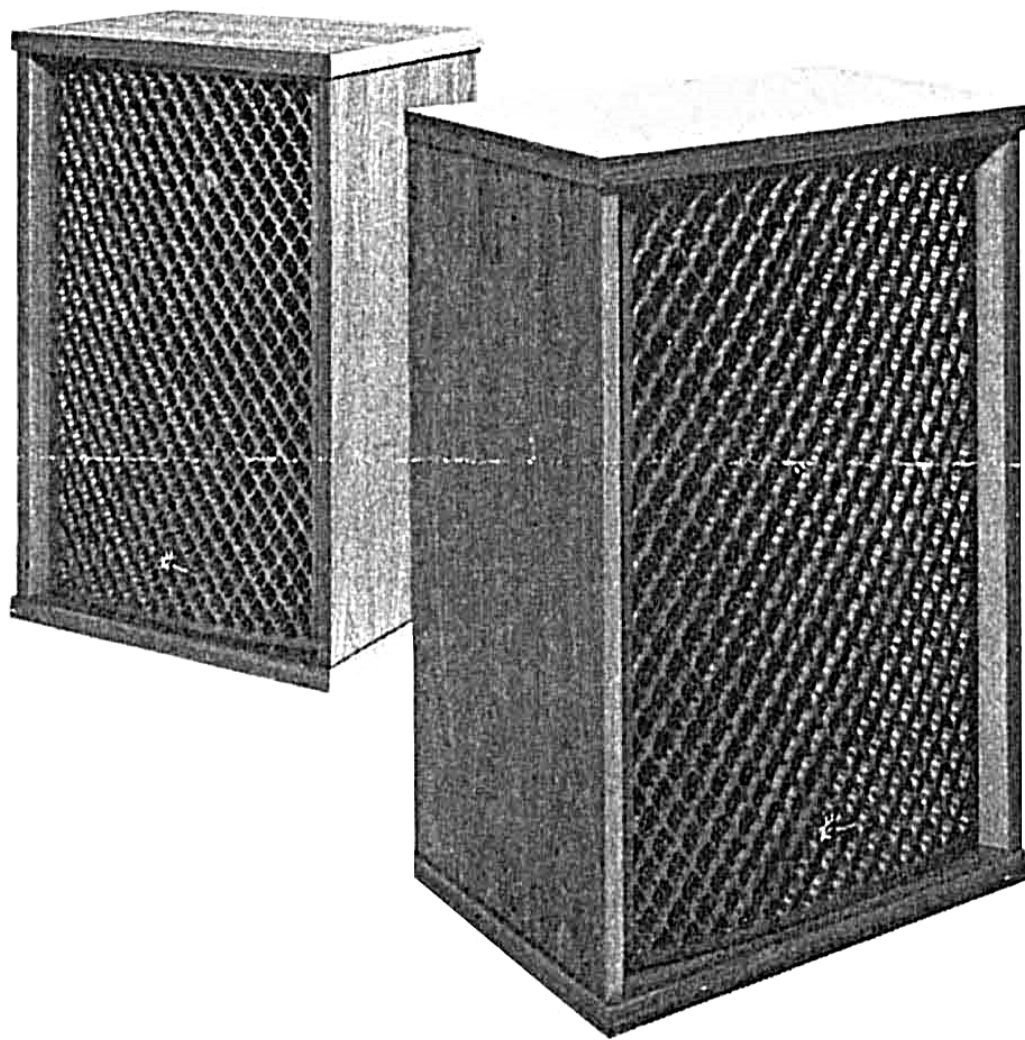


# SANSUI SPEAKER SYSTEM

## SP-1200



OPERATION AND MAINTENANCE MANUAL

*Sansui*

SANSUI ELECTRIC COMPANY LIMITED

Congratulations on joining the thousands of proud, satisfied owners of quality stereo components from Sansui. The speaker units and acoustical enclosure of the SP-1200 are entirely new designs, containing fresh technical features:

## FEATURES

### Multi-directional Speaker System

The Multi-directional Speaker System creates the realistic atmosphere of a concert hall or a jazz club for each listener in the room, regardless of seating position. In this system, the two (four in the stereo pair) midrange units are directed inward at an angle of  $15^\circ$  to the principal axis of the speaker system itself so that their directional sound waves are crossed in the sound field to offer not only wide dispersion but realistic reproduction of music.

### Woofers

The 10" woofer employs special voice coil assembly which operates as a mechanical high-cut filter. Thus, the power output from the amplifier is fed directly into the woofer not through the crossover network. This gives uniform response through the lowest octave of hearing. It is also fitted with  $4\frac{3}{4}$ " massive ferrite magnet, copper voice coil and high quality brass bobbin, all necessary when handling high power of 60 watts.

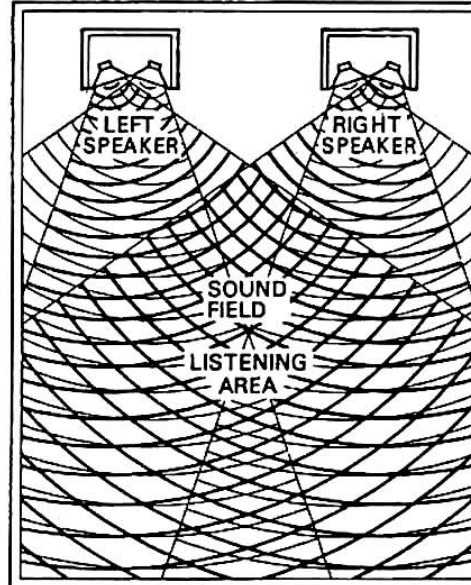
### Midranges

The two 4" midranges employ the aluminium concave dome radiator mounted directly on the voice coil bobbin which gives exceptionally smooth response up to 20 kHz. It is also fitted with copper-plated aluminium voice coil for linear frequency response.

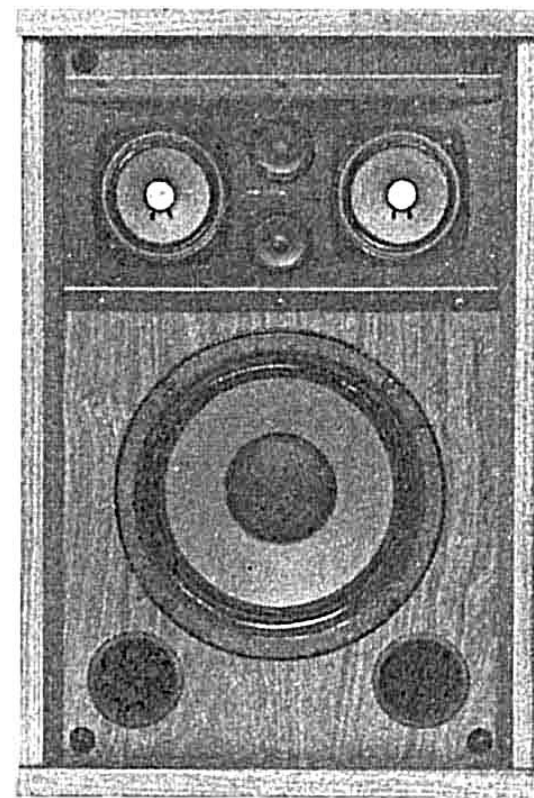
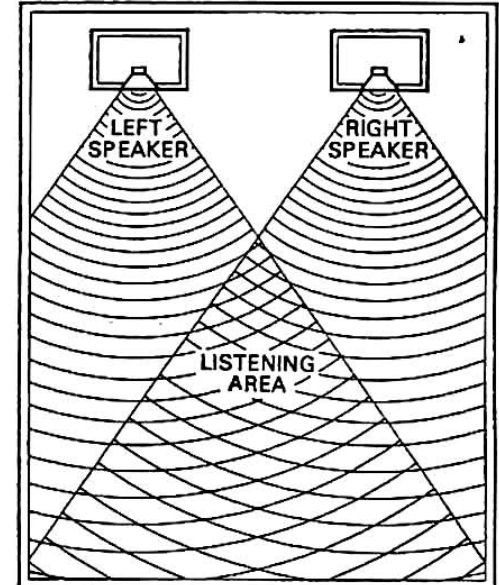
### Tweeters

The two tweeters employ copper-plated aluminium voice coil for smooth response through full coverage range.

MULTI-DIRECTIONAL  
SPEAKER SYSTEMS



CONVENTIONAL SPEAKER  
SYSTEMS



### Placement

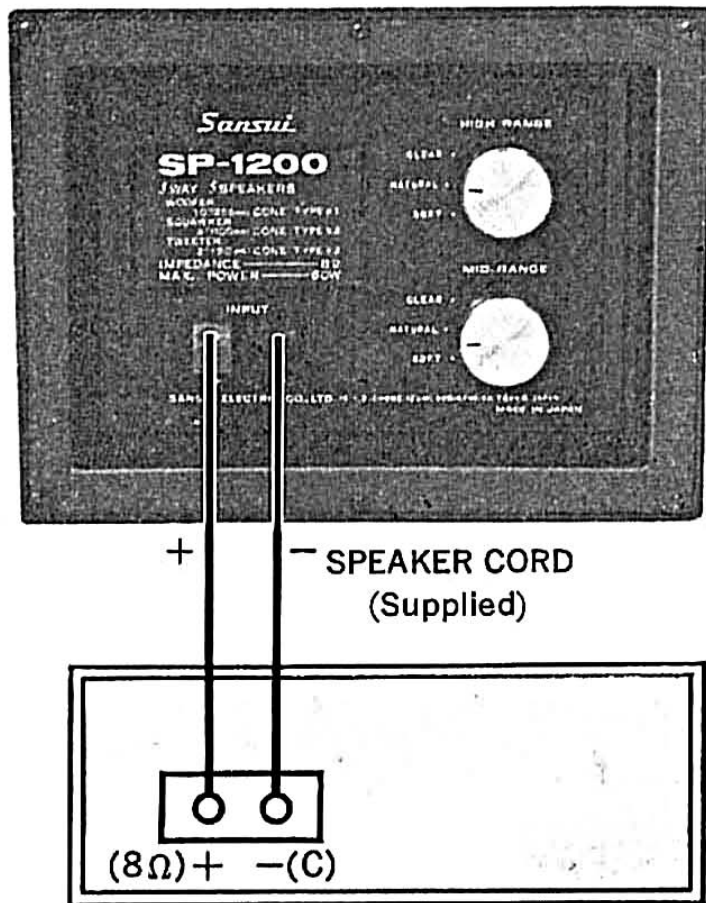
As a general rule, the speaker systems should not face a bare plaster wall, large picture window or some similar hard surface that can bounce back most of the sound. If so, the music may sound shrill. One way of avoiding this is to hang draperies along at least part of the wall exactly opposite the speakers.

## CONNECTION

### Connection to Amplifier

Connect the positive (+) lead from the red speaker terminal to the 8-ohm positive terminal on the amplifier.

Connect the other lead from the negative (-) speaker terminal to the terminal marked (C) or (-) on the amplifier.



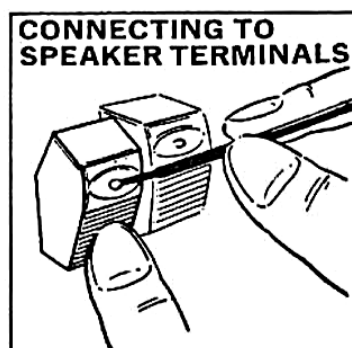
AMPLIFIER

**Important:** The stereo speakers must be correctly phased. They must push the sound waves out together. If one speaker pushes while the other pulls, some sound cancels out, especially the bass.

### To Connect to Terminals

The SP-1200 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.

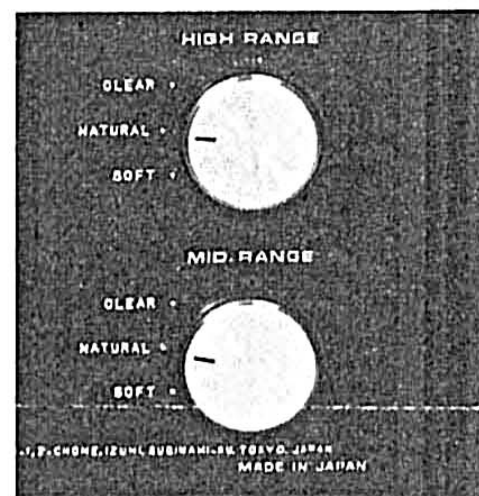


## OPERATION

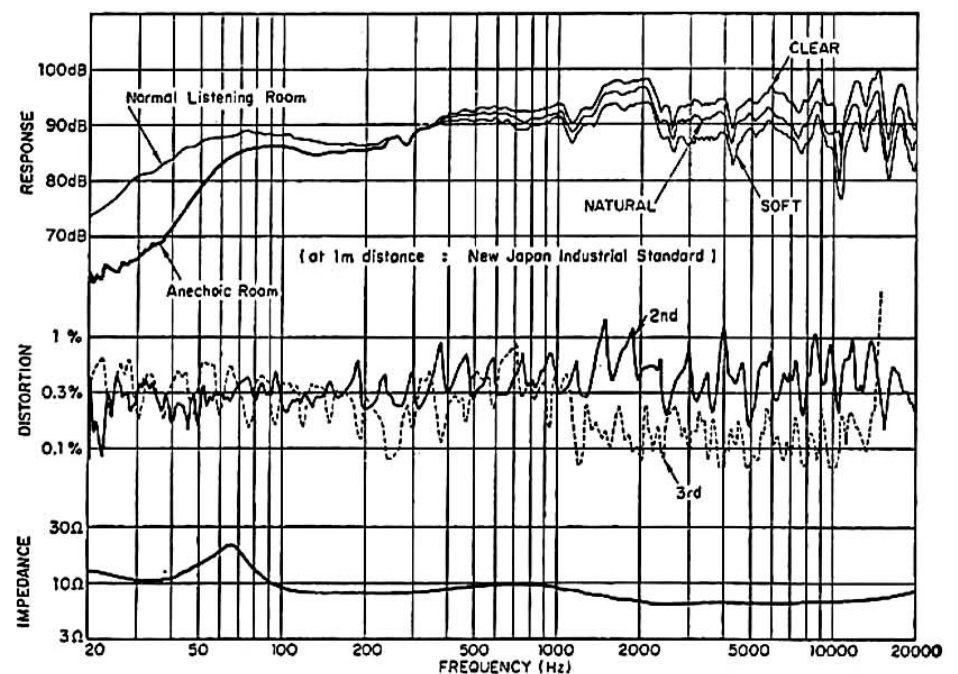
### Level Controls

The SP-1200 has been provided with 3-position high frequency and midrange frequency level controls. They can be used individually 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 midrange and highs are absorbed and bass is overemphasized.  
**Natural**—Set to here if the system(s) is installed in the average furnished room.

**Soft**—Use this position if midranges and highs are overemphasized and bass is absorbed.



### CHARACTERISTICS



### To Remove Front Grill or Rear Panel

The front grill can be removed by removing four screws from each corner.

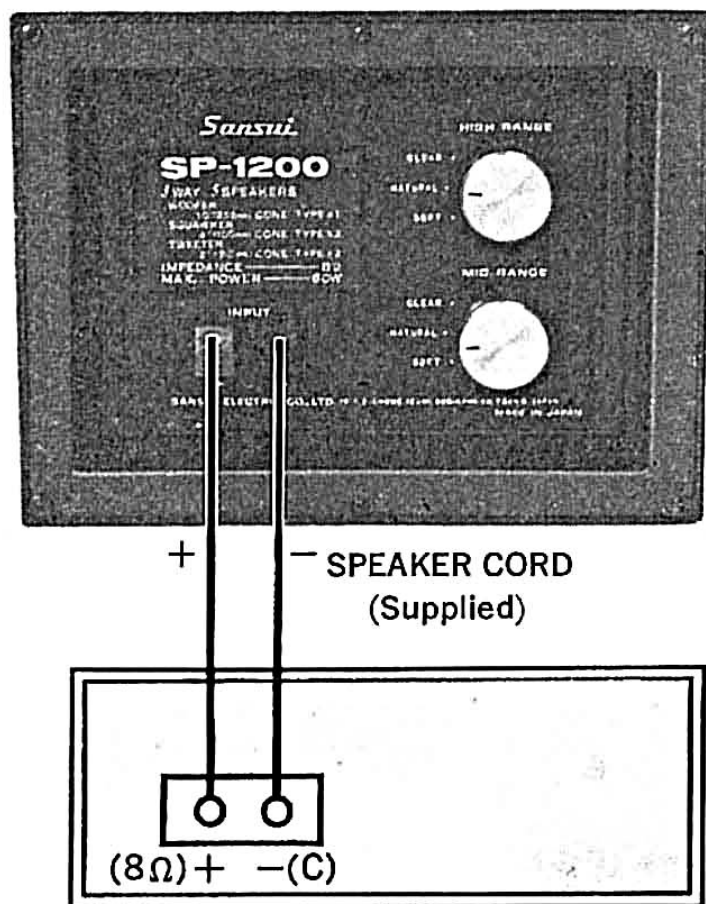
Before removing the rear panel from the enclosure, be sure to turn down the volume or turn off the entire system.

## CONNECTION

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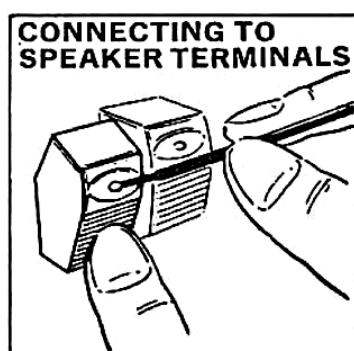
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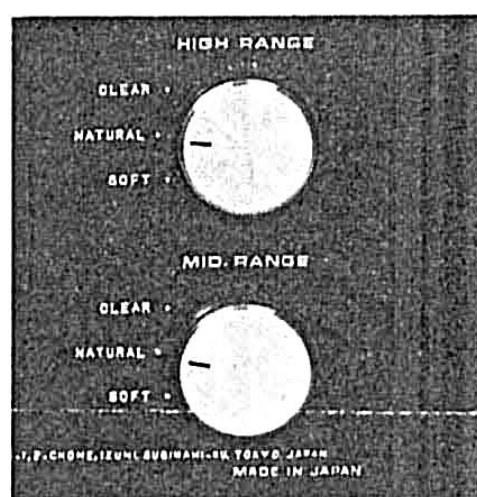
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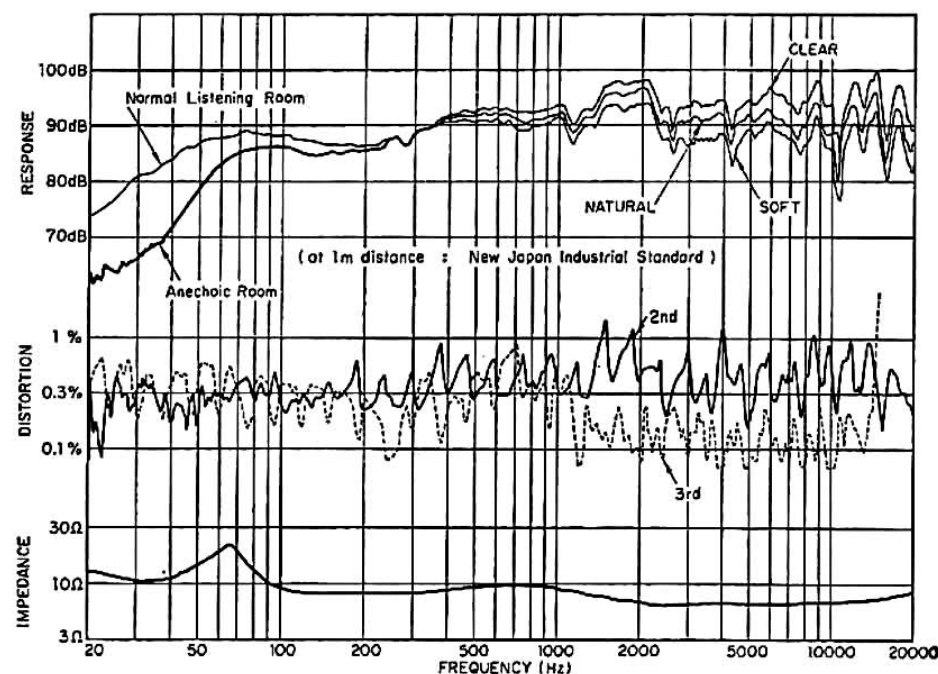
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## SPECIFICATIONS

SPEAKER:	
WOOFER:	25cm (10") × 1
MIDRANGE:	10cm (4") × 2
TWEETER:	5cm (2") × 2 Cone Type
POWER RATING:	60W (Peak)
IMPEDANCE:	8 ohms
SENSITIVITY:	92 dB/Watt (New JIS)
FREQUENCY RANGE:	50 to 20,000Hz (at Anechoic Chamber) 35 to 20,000Hz (at Normal Listening Room)
CROSSOVER NETWORK:	3 Way 12 dB/oct Parallel Type
CROSSOVER FREQUENCIES:	700Hz, 6.5kHz
DIMENSIONS:	402mm(15 <sup>7</sup> / <sub>8</sub> ")W × 604mm(23 <sup>13</sup> / <sub>16</sub> ")H × 275mm(10 <sup>7</sup> / <sub>8</sub> ")D
WEIGHT:	19.4kg 42.7 lbs. (net) 21.5kg 47.3 lbs. (gross)
FINISH:	Walnut Open Pore

## ACCESSORIES

OPERATING INSTRUCTIONS .....	1
SPEAKER CORD .....	1
POLISHING CLOTH .....	1
FELT CUSHIONS .....	4

If you have any questions concerning the operation, maintenance or repair of this speaker system, please contact the dealer from whom it was purchased or Sansui's Authorized Service Station.

\*Manufacturer reserves right to change design and/or specifications without notice for purpose of improvement.



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