

SONY

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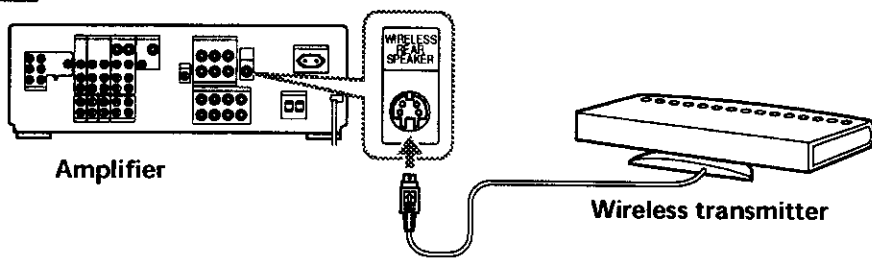
Wireless Speaker System

Operating Instructions

SA-IF70

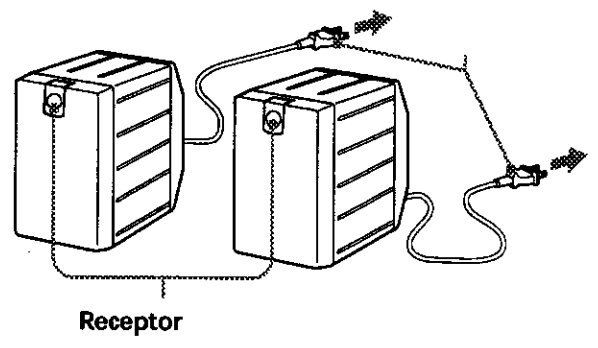
Sony Corporation ©1997

A

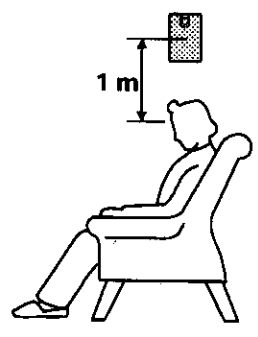


B

Wireless speakers To wall outlet

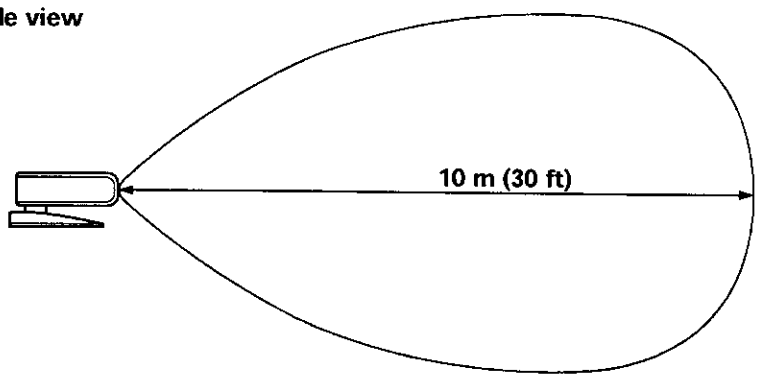


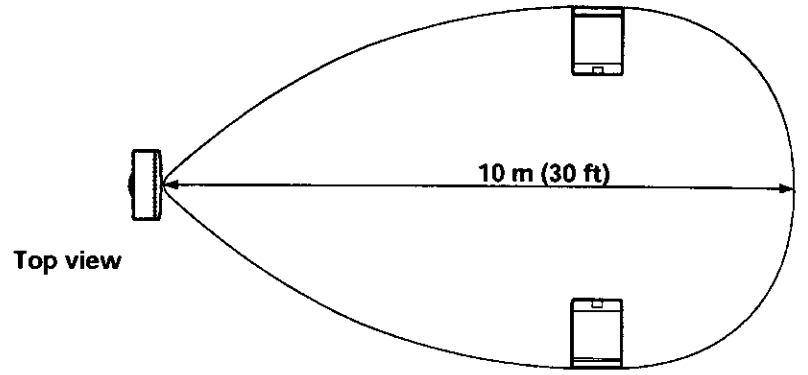
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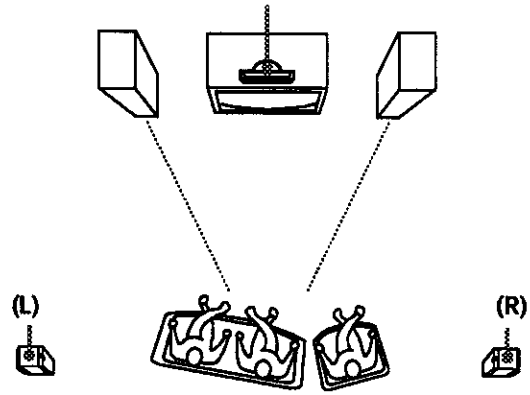
Side view



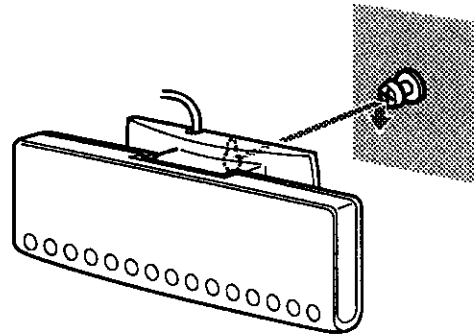


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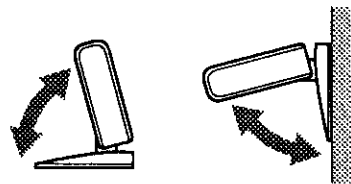
Wireless transmitter



F



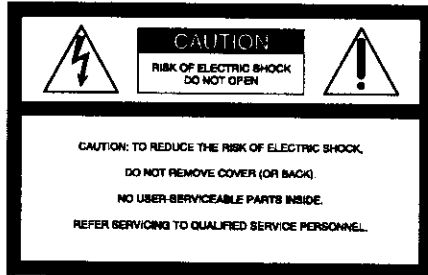
G



WARNING

To prevent fire or shock hazard, do not expose the unit to rain or moisture.

To avoid electrical shock, do not open the cabinet. Refer servicing to qualified personnel only.



This symbol is intended to alert the user to the presence of uninsulated "dangerous voltage" within the product's enclosure that may be of sufficient magnitude to constitute a risk of electric shock to persons.



This symbol is intended to alert the user to the presence of important operating and maintenance (servicing) instructions in the literature accompanying the appliance.

CAUTION

You are cautioned that any changes or modifications not expressly approved in this manual could void your authority to operate this equipment.

Owner's record

The model and serial numbers are located on the rear of the unit. Record the serial number in the space provided below. Refer to them whenever you call upon your Sony dealer regarding this product.

Model No. SA-IF70

Serial No. _____

NOTICE FOR THE CUSTOMERS IN CANADA

CAUTION:

TO PREVENT ELECTRIC SHOCK, DO NOT USE THIS POLARIZED AC PLUG WITH AN EXTENSION CORD, RECEPTACLE OR OTHER OUTLET UNLESS THE BLADES CAN BE FULLY INSERTED TO PREVENT BLADE EXPOSURE.

Overview

The SA-IF70 uses an infrared receptor to receive signals from the transmitter so you can enjoy the maximum surround effect without an excess of unsightly speaker cords.

When the wireless transmitter turns off or the infrared rays are interrupted, the wireless speaker system stands by to save energy.

Precaution

On safety

- Should any solid object or liquid fall into the enclosures, unplug the speaker system and have it checked by qualified personnel before operating it any further.

On power sources

- The AC power cord must be changed only at a qualified service shop.
- Before operating the speakers, check that the operating voltage is identical with your local power supply. The operating voltage is indicated on the nameplate on the rear of the speakers.
- If you are not going to use the speakers for a long time, be sure to disconnect the speakers from the wall outlet. To disconnect the AC power cord, grasp the plug itself; never pull the cord.

On placement

- Do not place the speakers near heat sources, or in places subject to direct sunlight, excessive dust or mechanical shock.
- Good ventilation is essential to prevent internal heat buildup. Place the speakers in a location with adequate air circulation, and in a way that does not block the rear ventilation holes.
- Placing the wireless speakers near a light bulb or in direct sunlight may cause noise from the speakers.

On cleaning

- Clean the enclosures, panels and controls with a soft cloth slightly moistened with a mild detergent solution. Do not use any type of abrasive pad, scouring powder or solvent such as alcohol or benzine.

If you have any question or problem concerning your wireless speakers, please consult your nearest Sony dealer.

Unpacking

- WIRELESS SPEAKER SYSTEM SA-IF70S (2)
- WIRELESS TRANSMITTER EMT-70 (1)

Hookups

Connecting the infrared transmitter to the WIRELESS REAR SPEAKER jack on the amplifier **(A)**.

Note

If your amplifier does not have a wireless rear speaker jack, use the input adaptor IAD-IF70 (not supplied) for connection.

Connecting the AC power cord of the speaker to a wall outlet **(B)**.

Setting up the speaker system

Place the L - speaker to the left and the R - speaker to the right.

Place the wireless speakers facing each other about 1 m (2 to 3 feet) above your listening position **(C)**.

The approximate effective area of the infrared ray emitted from the transmitter is 10 m (30 feet) **(D)**. Adjust the position, direction and angle of the transmitter so the wireless speakers (STANDBY (red) indicator and infrared receptor) are within the effective area.

You can place the transmitter on top of the TV, an other component **(E)**, or hang it on a wall **(F)**.

Using the speaker system

Set the amplifier's POWER switch to ON.

The power for the transmitter is supplied by the amplifier. When you turn on the amplifier's power, the transmitter starts emitting infrared rays and the infrared receptors on the speakers **(B)** receive the signals. When the speakers receive signals, the infrared receptor lights up green. If the infrared receptor lights up red, the signal is not reaching the receptor. Adjust an angle of the transmitter **(G)**.

Notes

- The infrared ray will not penetrate walls or opaque glass. Therefore, the transmitter must be placed "in sight" of the wireless speakers.
- Placing the transmitter too far away from the wireless speakers may cause noise.
- Do not block the path between the wireless speakers and the transmitter. Otherwise, the speakers will be noisy and then enter stand by mode.
- When you are using other appliances that emit infrared rays at the same time, may be happen of the jamming, do not use at the same time.
- Use the transmitter only, for keep off the jamming.
- If the sound from the speakers is very soft or not clear, turn the wireless speakers towards the transmitter.
- When you are using the speaker system for long time, the surface of the transmitter getting hot but no damage for the unit.
- If you experience noise from the wireless speaker while the transmitter is disconnected, turn off the power of the input adaptor or amplifier before disconnecting the plug.

Troubleshooting

No sound or only a very low sound level is heard from the speakers.

- Make sure the transmitter is securely connected to the amplifier.
- The surround sound is turned off.
- Adjust the volume of the Wireless rear speakers (on the amplifier).
- Check the sound image balance with the TEST TONE feature (on the amplifier).
- The infrared transmitter is too far from, or not aimed at the Wireless speaker.
- Remove any obstructions between the transmitter and the Wireless speakers.

Specifications

Audio power Specifications

For the wireless speaker system: with 8 ohm loads, both channels driven, from 60Hz - 20kHz; rated 25 watts per channel minimum RMS power, with no more than 0.9% total harmonic distortion from 250 milliwatts to the rated output.

Power output	United States and Canada models: 30 W (8 Ω 9%) Other models: 25 W (8 Ω DIN)
Infrared wave length	850 nm
Modulation	Frequency modulation
Carrier frequency	Left channel: 4.3 MHz Right channel: 4.8 MHz
Enclosure type	Bassreflex type
Speaker unit	10 cm cone type
Effective frequency range	80-20,000Hz
Power requirement	United States and Canada models: 120 V AC, 60 Hz Other models: 220-230 V AC, 50/60 Hz
Power consumption	30 W

Dimensions

Wireless speaker system SA-IF70S

Approx. 132 x 231 x 183 mm (w/h/d)
(5 ¹/₄ x 9 ¹/₈ x 7 ¹/₄ inches)

Wireless transmitter EMT-70

Horizontal:

Approx. 159 x 40 x 86 mm (w/h/d)
(6 ³/₈ x 1 ⁵/₈ x 3 ¹/₂ inches)

Wall mounted:

Approx. 159 x 64 x 91 mm (w/h/d)
(6 ³/₈ x 2 ⁵/₈ x 3 ⁵/₈ inches)

Mass

Wireless Speaker system SA-IF70S	2.9 kg (6 lb 6 oz)
Wireless Transmitter EMT-70	264 g (9.3 oz)

Design and specifications are subject to change without notice.

