

Wireless Speaker

Operating Instructions

Manual de instrucciones
(reverso)

S-AIR
DIGITAL WIRELESS



AIR-SA5R

<http://www.sony.net/>

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WARNING

To reduce the risk of fire or electric shock, do not expose this apparatus to rain or moisture.

To reduce the risk of fire or electric shock, do not expose this apparatus to dripping or splashing, and do not place objects filled with liquids, such as vases, on the apparatus.

As the main plug is used to disconnect the unit from the mains, connect the unit to an easily accessible AC outlet. Should you notice an abnormality in the unit, disconnect the main plug from the AC outlet immediately.

The unit is not disconnected from the mains as long as it is connected to the AC outlet, even if the unit itself has been turned off.

Do not install the appliance in a confined space, such as a bookcase or built-in cabinet.

The nameplate is located on the bottom exterior.

Owner's Record

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

Model No. _____
Serial No. _____

Important Safety Instructions

- 1) Read these instructions.
- 2) Keep these instructions.
- 3) Heed all warnings.
- 4) Follow all instructions.
- 5) Do not use this apparatus near water.
- 6) Clean only with dry cloth.
- 7) Do not block any ventilation openings. Install in accordance with the manufacturer's instructions.
- 8) Do not install near any heat sources such as radiators, heat registers, stoves, or other apparatus (including amplifiers) that produce heat.
- 9) Do not defeat the safety purpose of the polarized or grounding-type plug. A polarized plug has two blades with one wider than the other. A grounding type plug has two blades and a third grounding prong. The wide blade or the third prong are provided for your safety. If the provided plug does not fit into your outlet, consult an electrician for replacement of the obsolete outlet.
- 10) Protect the power cord from being walked on or pinched particularly at plugs, convenience receptacles, and the point where they exit from the apparatus.
- 11) Only use attachments/accessories specified by the manufacturer.
- 12) Use only with the cart, stand, tripod, bracket, or table specified by the manufacturer, or sold with the apparatus. When a cart is used, use caution when moving the cart/apparatus combination to avoid injury from tip-over.



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Features

The AIR-SA5R is an "S-AIR" compatible product. It is also called the "S-AIR sub unit."

It is easy to ready the unit for use. All you have to do is connect it to a wall socket.
Connecting the S-AIR main unit (transmitter product, hereafter called "main unit") with the S-AIR sub unit (receiver product, hereafter called "sub unit") using "S-AIR" technology, you can use each unit in a remote location. For example, you can install this unit in a bedroom, and then install the main unit in the living room. You can then listen to music from the main unit located in the living room with this unit in the bedroom.

This unit is compatible with a main unit with "MULTI SOURCE" mode, and the coupling operation. The coupling operation establishes a connection between the sub unit and optional S-AIR remote commander.

Precautions

Notes on use of the S-AIR product

- As the S-AIR product transmits sound by radio waves, sound may skip when radio waves are obstructed. This is a characteristic of radio waves and is not a malfunction.
- As the S-AIR product transmits sound by radio waves, equipment that generates electromagnetic energy, such as a microwave oven, may interfere with sound transmission.
- As the S-AIR product uses radio waves that share the same frequency as other wireless systems, such as wireless LAN or Bluetooth devices, interference or poor transmission may result. In this case, take the following steps:
 - Do not install the S-AIR product near other wireless systems.
 - Do not use the S-AIR product and other wireless systems at the same time.
- The transmission distance differs depending on the usage environment. Find a location where transmission between the unit and the S-AIR main unit is most effective, and install the unit and the S-AIR main unit there.

On safety

- Operate the unit only on the power sources specified in "Specifications".

- Completely disconnect the unit from the wall socket (mains) if it is not going to be used for an extended period of time.
- Should any solid object or liquid get into the unit, unplug the unit, and have it checked by qualified personnel before operating it again.

On placement

- Do not place the unit in an inclined position or in locations that are extremely hot, cold, dusty, dirty, humid or lacking adequate ventilation, subject to vibration, direct sunlight or a bright light.
- Be careful when placing the unit on surfaces that have been specially treated (for example, with wax, oil, polish) as staining or discoloration of the surface may result.

On heat buildup

- Heat buildup in the unit during operation is normal and is not cause for alarm.
- Do not touch the cabinet if it has been used continuously at a high volume because the cabinet may have become hot.

On the speaker system

This speaker system is not magnetically shielded, and the picture on nearby TV sets may become magnetically distorted. In this situation, turn off the TV, wait about 15 to 30 minutes, and turn it back on. If there is no improvement, move the radio waves and is not a malfunction.

Clean the cabinet with a soft dry cloth. Do not use any type of abrasive pad, scouring powder, or solvent, such as thinner, benzene, or alcohol.

S-AIR (Sony Audio Interactive Radio frequency)

Recent times have seen the rapid spread of DVD media, Digital Broadcasting, and other high-quality media. To ensure that the subtle nuances of these high-quality media are transmitted with no deterioration, Sony has developed a technology called "S-AIR" for the radio transmission of digital audio signals with no compression, and has incorporated this technology into the built-in wireless transceiver EZW-RT10A. This technology transfers digital audio signals with no compression using the 2.4 GHz band range of ISM band (Industrial, Scientific, and Medical band), such as wireless LANs and Bluetooth applications.

Establishing the connection with an S-AIR main unit

Connect the unit and S-AIR main unit to listen to sound from the S-AIR main unit.

You can easily establish the connection by setting the same S-AIR ID for this unit and S-AIR main unit.

1 Operate the S-AIR main unit to turn on the S-AIR function.

For details on turning on the S-AIR function, refer to the Operating Instructions supplied with the S-AIR main unit.

2 Set the S-AIR ID of the unit to the same S-AIR ID as the S-AIR main unit to be connected.

For details on setting the S-AIR ID of the S-AIR main unit, refer to the Operating Instructions supplied with the S-AIR main unit.

3 Press I/⏻ to turn on the unit.

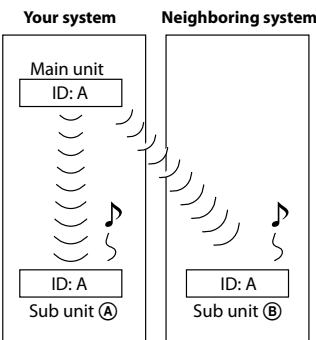
Once the connection is established, the S-AIR indicator on the unit lights up.

Identifying the main unit with a specific sub unit (Pairing operation)

It is easy to set the same S-AIR ID for the main unit and the sub units to establish the connection. However, if a neighbor has an S-AIR main unit with the same S-AIR ID as your S-AIR main unit, the neighbor may be able to hear the audio transmitted from your S-AIR main unit on the neighbor's system. Also, you may be able to hear the audio transmitted from your neighbor's S-AIR main unit on your system. To prevent this, you can identify the main unit with a specific sub unit by performing the pairing operation.

Before pairing

The connection is established by the S-AIR ID (example).



Operations

Listening to the sound of the connected S-AIR main unit

You can use the S-AIR function to listen to the sound of an S-AIR main unit in a remote location.

1 Perform the procedure described in "Establishing the connection with an S-AIR main unit" and check that the S-AIR indicator is lit.

2 Press S-AIR CH + repeatedly to select the desired S-AIR channel of the S-AIR main unit.

The S-AIR channels that can be selected depend on the S-AIR main unit. For details, refer to the Operating Instructions supplied with the S-AIR main unit.

3 Operate S-AIR main unit or the optional* S-AIR remote commander to start playback.

Advanced Operations

Enjoying different sound source with multiple sub units

Use the main unit that can set the MULTI SOURCE mode. When selecting the MULTI SOURCE mode, you can listen to different sound source with each sub unit. For setting up and details, refer to the Operating Instructions of the main unit.

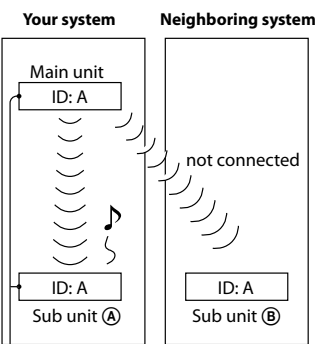
To identify the unit using the optional* S-AIR Remote commander AIR-RM10 (Coupling operation)

This unit is compatible with the coupling operation. The coupling operation establishes a connection between the sub unit and optional* S-AIR remote commander. For details, refer to the Operating Instructions of the optional* S-AIR remote commander.

When the coupling operation is in progress, the CPL indicator on the unit flashes. When completed, it stays on.

After pairing

The connection is established between the paired main unit and sub unit.



Pairing

1 Place the sub unit to be paired near the main unit.

Pair the main unit with the sub unit one at a time.

2 Check that the power of the main unit and the sub unit are turned on.

3 Check that the S-AIR ID of the main unit is the same as the S-AIR ID of the sub unit.

For details on turning on the pairing function, refer to the Operating Instructions supplied with the S-AIR main unit.

5 Press the PAIRING button on the side panel of the unit using a pointed object.

When pairing is in progress, the PAIRING indicator on the unit flashes. When completed, it stays on.

To cancel pairing

Change the S-AIR IDs of the main unit and the sub unit to different S-AIR IDs.

To stop the pairing operation midway

Press the PAIRING button again.

To pair the main unit with multiple sub units

Repeat steps 1 through 5.

4 Press VOL +/- to adjust the volume.

You can perform the following operations using the buttons on the unit.

To	Press
Select sound source.	S-AIR CH +
Adjust the volume.	VOL +/-

Depending on the connected S-AIR main unit, the operation may differ. Refer to the Operating Instructions of the S-AIR main unit.

Note

You cannot use this unit as a subwoofer or surround speaker with other Sony S-AIR components.

When the coupling operation is in progress, the CPL indicator on the unit flashes. When completed, it stays on.

Notes

- The AIR-RM10 can operate I/⏻ (power), VOLUME+/-, and COUPLING with this unit.
- In the following cases, the CPL indicator turns off:
 - If the S-AIR main unit is not compatible with the MULTI SOURCE mode.
 - If the S-AIR main unit is not compatible with the coupling operation.
 - If processing of the coupling operation is failed.

For details on coupling operation, refer to the Operating Instructions of the AIR-RM10.

Troubleshooting

1 Make sure the unit is correctly and firmly connected to a wall socket.

2 Find your problem in the checklist below, and take the indicated corrective action.

If the issue persists, contact your nearest Sony dealer. When bringing this unit in for repairs, be sure to bring in the entire system (this unit, the S-AIR main unit). This product is a system product, and the entire system is needed to determine the location requiring repair.

The S-AIR indicator is turned off.

- Check that the unit is connected to a wall socket securely and the unit is turned on.

Connecting the unit and S-AIR main unit is not possible. (The S-AIR indicator flashes.)

- If you use another S-AIR main unit, place it more than 8 m (26 1/4 feet) away from the S-AIR main unit you are using.
- Confirm the S-AIR IDs of the unit and the S-AIR main unit.
- The main unit is paired with another S-AIR sub unit. Pair the main unit with the sub unit you are using.
- The main unit is paired with another S-AIR sub unit. Cancel pairing.
- Place so that the unit and the S-AIR main unit are separated from other wireless devices.
- Stop using any other wireless devices.
- The connected S-AIR main unit is turned off. Turn on the S-AIR main unit.

The S-AIR channel fails to change.

- Check that the unit and the S-AIR main unit are connected properly.
- When using the Wireless Audio Transmitter for PC as the S-AIR main unit, sub unit operations will not be functional if supplied PC application is not booted or Standard Mode is selected.

Specifications

Amplifier section

AUDIO POWER SPECIFICATIONS
POWER OUTPUT AND TOTAL HARMONIC DISTORTION:
With 4 ohms loads, both channels driven, from 100 – 10,000Hz: rated 1.5 watts per channel minimum RMS power, with no more than 10% total harmonic distortion.

Continuous RMS power output (reference): 2.5 watts (4 ohms at 1 kHz, 10% harmonic distortion)

Speaker section

Speaker system: Full range, bass-reflex type
Speaker units: 39 mm (1 9/16 in), cone type (1)
Nominal impedance: 4 ohms

There is no sound.

- If you use another S-AIR main unit, place it more than 8 m (26 1/4 feet) away from the S-AIR main unit you are using.
- Confirm the S-AIR IDs of the unit and the S-AIR main unit.
- Check the pairing setting.
- Place so that the unit and the S-AIR main unit are closer.
- Stop using any equipment that generates electromagnetic energy, such as a microwave oven.
- Place so that the unit and the S-AIR main unit are separated from other wireless devices.
- Stop using any other wireless devices.
- Change the S-AIR ID settings of the unit and the S-AIR main unit.
- Turn off the unit and S-AIR main unit and then turn them on again.
- Check that the unit is connected to a wall socket securely and the unit is turned on.
- Increase the volume of the unit.

There is noise or the sound skips.

- If you use another S-AIR main unit, place it more than 8 m (26 1/4 feet) away from the S-AIR main unit you are using.
- Place so that the unit and the S-AIR main unit are closer.
- Stop using any equipment that generates electromagnetic energy, such as a microwave oven.
- Place so that the unit and the S-AIR main unit are separated from other wireless devices.
- Stop using any other wireless devices.
- Change the S-AIR ID settings of the unit and the S-AIR main unit.
- Do not place a mobile phone near the unit and the S-AIR main unit, as this may result in noise.

Built-in wireless transceiver (EZW-RT10A)

Communication System: S-AIR
Specification version 1.0
Frequency band: 2.4000 GHz – 2.4835 GHz
Modulation method: DSSS
Power requirements: DC 3.3 V, 350 mA
Dimensions (w/h/d): 50 × 13 × 60 mm (2 × 1/2 × 2 3/8 in)
Mass: 24 g (1 oz)

General

Power requirements: 120 V AC, 60 Hz
Power consumption: 4 watts
Dimensions (w/h/d): Approx. 80 × 166 × 62 mm (3 1/8 × 6 5/8 × 2 1/2 in)
Mass: Approx. 380 g (13.4 oz)

Supplied accessories:

Hook-and-loop fastener (1)

Design and specifications are subject to change without notice.

- * The optional S-AIR remote commander is included in the package product.

