

Wireless Speaker System

Operating Instructions
AIR-SA10



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

WARNING

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

Indoor use only.

To reduce the risk of fire, do not cover the ventilation opening of the apparatus with newspapers, tablecloths, curtains, etc. Do not place the naked flame sources such as lighted candles on the apparatus.

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.

Excessive sound pressure from earphones and headphones can cause hearing loss.

Notice for customers: the following information is only applicable to equipment sold in countries applying EU Directives

The manufacturer of this product is Sony Corporation, 1-7-1 Konan Minato-ku, Tokyo, 108-0075 Japan. The Authorized Representative for EMC and product safety is Sony Deutschland GmbH, Hedelfinger Strasse 61, 70327 Stuttgart, Germany. For any service or guarantee matters, please refer to the addresses given in separate service or guarantee documents.

NOTICE FOR THE CUSTOMERS IN THE UNITED KINGDOM

A moulded plug complying with BS1363 is fitted to this equipment for your safety and convenience. Should the fuse in the plug supplied need to be replaced, a fuse of the same rating as the supplied one and approved by ASTA or BSI to BS1362, (i.e., marked with Ⓢ or Ⓡ mark) must be used.

If the plug supplied with this equipment has a detachable fuse cover, be sure to attach the fuse cover after you change the fuse. Never use the plug without the fuse cover.

If you should lose the fuse cover, please contact your nearest Sony service station.

Disposal of Old Electrical & Electronic Equipment (Applicable in the European Union and other European countries with separate collection systems)

This symbol on the product or on its packaging indicates that this product shall not be treated as household waste. Instead it shall be handed over to the applicable collection point for the recycling of electrical and electronic equipment. By ensuring this product is disposed of correctly, you will help prevent potential negative consequences for the environment and human health, which could otherwise be caused by inappropriate waste handling of this product. The recycling of materials will help to conserve natural resources. For more detailed information about recycling of this product, please contact your local Civic Office, your household waste disposal service or the shop where you purchased the product.

Applicable accessories: Wireless Transceiver EZW-RT10

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- The Bluetooth word mark and logos are owned by the Bluetooth SIG, Inc. and any use of such marks by Sony Corporation is under license. Other trademarks and trade names are those of their respective owners.

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 prevent sound transmission.
- As the S-AIR product uses the radio waves that share the same frequency as other wireless systems, such as wireless LAN or Bluetooth devices, it may occur interference or poor transmission as a result. In this case, take the following steps:
 - Avoid placing the S-AIR product near other wireless systems.
 - Avoid using the S-AIR product and the other wireless systems simultaneously.
- The transmission distance differs depending on the usage of 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.
- Place the unit in a stable location off of the floor.
- The radio wave transmission between the unit and the S-AIR main unit may become difficult and shorten in the distance under the following environments.
 - Locations having steel, concrete, stone walls, and floors.
 - Locations where steel partitions or doors, fire-proof glass, or furniture or appliances made from metallic materials are located between the unit and the S-AIR main unit.

On safety

- Completely disconnect the power cord (mains lead) from the wall socket (mains) if it is not going to be used for an extended period of time. When unplugging the unit, always grip the plug. Never pull the cord itself.
- Should any solid object or liquid get into the unit, unplug the unit, and have it checked by qualified personnel before operating it again.
- The AC power cord can be changed only by a qualified service facility.

On placement

- Do not place the unit in an inclined position or in locations that are extremely hot, cold, dusty, dirty, or humid or lacking adequate ventilation, or 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 on 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.
- Do not obstruct the ventilation holes.

On the speaker system

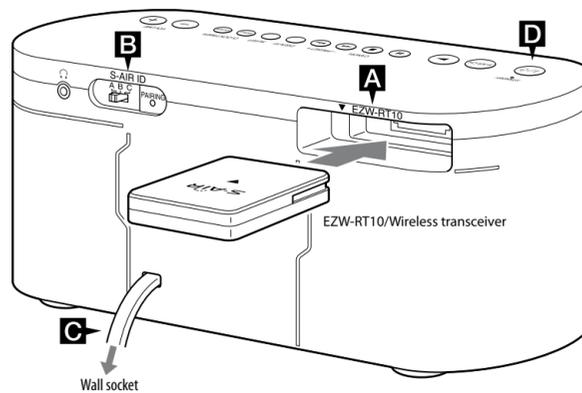
This speaker system is not magnetically shielded, and the picture on nearby TV sets may become magnetically distorted. In this situation, turn off the TV, wait about 15 to 30 minutes, and turn it back on. If there is no improvement, move the unit far away from the TV.

Cleaning the cabinet

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

Preparing the unit

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



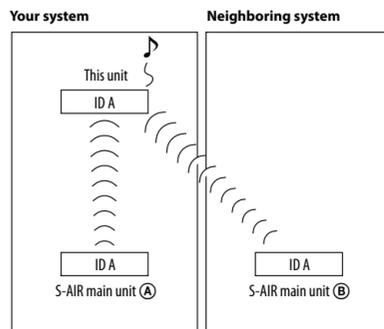
- 1 Insert the supplied wireless transceiver (EZW-RT10) securely into the EZW-RT10 slot on the rear of the unit. **A**
Check the orientation of the ▼ mark when inserting the supplied wireless transceiver (EZW-RT10). Failure to do so may result in damage to the unit.
- 2 Set the S-AIR ID of the unit to the same S-AIR ID as the S-AIR main unit to be connected. **B**
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 Connect the power cord to a wall socket. **C**
If the plug does not fit the wall socket, detach the supplied plug adaptor (only for models equipped with an adaptor).
- 4 Press I/⏻ **1** to turn on the unit. **D**
- 5 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.
Once the connection is established, the S-AIR indicator **10** on the front of the unit lights up and “LINKED” appears in the display for about 2 seconds.

If you cannot connect to the S-AIR main unit

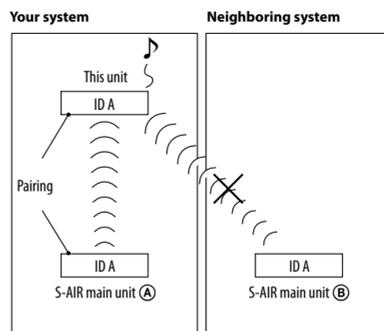
It is easy to set the same S-AIR ID for the unit and S-AIR main unit to establish the connection. However, if a neighbor has an S-AIR main unit with the same S-AIR ID as your S-AIR main unit, you may be able to hear the audio transmitted from your neighbor's S-AIR main unit on your system. To prevent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

When you perform pairing

Before pairing, the connection is established by the S-AIR ID (example).



The connection is established between the paired unit and S-AIR main unit.



- 1 Check that the power of the unit and the S-AIR main unit to be connected are turned on.
- 2 Check that the S-AIR ID of the unit is the same as the S-AIR ID of the S-AIR main unit.
- 3 Operate the S-AIR main unit to turn on the pairing function.

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

- 4 Press the PAIRING button on the rear of the unit using a pointed object.

When pairing is performed, the S-AIR indicator **10** flashes and the display changes as follows:

“PAIRING” → “COMPLETE”

To cancel pairing, change the S-AIR IDs of the unit and the S-AIR main unit to different S-AIR IDs. To stop the pairing operation midway, press the PAIRING button again.

Notes

- Make sure to turn off the unit when inserting or removing the supplied wireless transceiver (EZW-RT10). Failure to do so may result in damage to the unit.
- Do not touch the terminals of the supplied wireless transceiver (EZW-RT10).
- Do not insert any device other than the supplied wireless transceiver (EZW-RT10) into the EZW-RT10 slot.

S-AIR (Sony Audio Interactive Radio frequency)

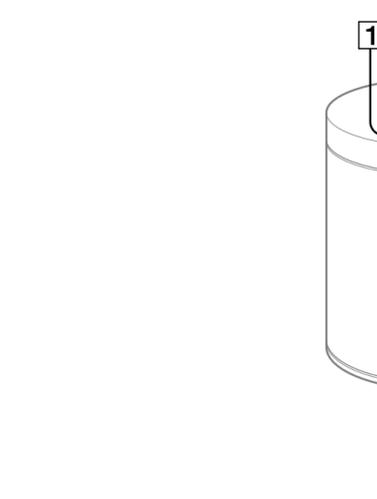
Recent times have seen the rapid spread of DVD media, Digital Broadcasting, and other high-quality media.

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 EZW-RT10.

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.

Operations

Unit (AIR-SA10/Wireless Speaker System)



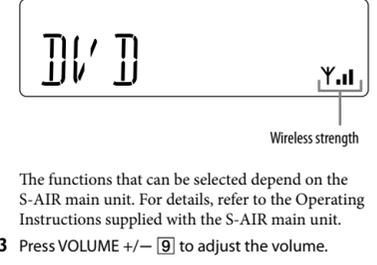
Setting the clock

- Turn on the unit. Press I/⏻ **[1]**.
- Select the clock set mode. Press CLOCK/TIMER MENU **[8]**. If the current mode appears on the display, press ◀▶ **[5]** repeatedly to select “CLOCK,” and then press CLOCK/TIMER ENTER **[8]**.
- Set the time. Press ◀▶ **[5]** repeatedly to set the hour, and then press CLOCK/TIMER ENTER **[8]**. Use the same procedure to set the minute. The clock settings are lost when you disconnect the power cord or if a power failure occurs.

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.

- Perform the procedure described in “Preparing the unit” and check that the S-AIR indicator **[10]** is lit.
- Press S-AIR CH **[3]** repeatedly to select the desired function of the S-AIR main unit.



The functions 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.

- Press VOLUME +/- **[9]** to adjust the volume.

To operate the S-AIR main unit from the unit

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

Press	To
▶ [4]	Start playback of a CD/DVD, etc.
■ [4]	Stop playback of a CD/DVD, etc.
[4]	Pause playback of a CD/DVD, etc.
◀▶/▶▶ [5]	Select a track, file or chapter of a CD/DVD, etc.
PRESET +/- [5]	Select a preset station when listening to the radio.

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

To listen with headphones

Connect headphones (not supplied) to the ♪ (headphone) jack located on the rear of the unit.

Note

The elapsed playing time or remaining playing time of the CD/DVD, etc. being played on the S-AIR main unit may not be displayed on this unit. In this case, “—,—” appears.

Tip

You can listen to the sound even when the connected S-AIR main unit is in standby mode. For details, refer to the Operating Instructions supplied with the S-AIR main unit.

Changing the display

To change the information on the display while the unit is on

Press DISPLAY **[6]**. Each time you press the button, the display changes as follows:

When the unit is connected to an S-AIR main unit: Information of the connected S-AIR main unit¹⁾ → Model name of the connected S-AIR main unit²⁾ → Clock²⁾³⁾ → ...

When the unit is not connected to an S-AIR main unit: “S-AIR” → “UNLINKED”²⁾ → Clock²⁾³⁾ → ...

To turn off the display

You can turn off the clock display to minimize the amount of power consumed when the unit is off (Power Saving Mode).

Press DISPLAY **[6]**. Each time you press the button, the display changes as follows:

No display (Power Saving Mode) → Clock³⁾ → ...

^[1] The displayed information depends on the connected S-AIR main unit.

^[2] Displayed for about 8 seconds.

^[3] Displayed only when the clock is set.

Note

The STANDBY indicator **[2]** lights up when the unit is off.

Using the Timers

The unit offers two timer functions. If you use the Play Timer with the Sleep Timer, the Sleep Timer has priority.

Sleep Timer:

You can fall asleep to music. This function works even if the clock is not set.

Press SLEEP **[7]** repeatedly.

Note

Even if you set the timer, no sound is output from the unit if playback on the connected S-AIR main unit ends within the set time period or if communication with the S-AIR main unit is cut off.

Play Timer:

You can wake up to the sound of the connected S-AIR main unit at a preset time.

Make sure you have set the clock.

- Prepare the sound source on the S-AIR main unit. For details, refer to the Operating Instructions supplied with the S-AIR main unit. Press VOLUME +/- **[9]** to adjust the volume.
- Press CLOCK/TIMER MENU **[8]**.
- Press ◀▶/▶▶ **[5]** repeatedly to select “PLAY SET,” then press CLOCK/TIMER ENTER **[8]**. “ON TIME” appears, and the hour indication flashes.
- Set the time to start playing. Press ◀▶/▶▶ **[5]** repeatedly to set the hour, and then press CLOCK/TIMER ENTER **[8]**. The minute indication flashes. Use the procedure above to set the minute.
- Use the same procedure as in step 4 to set the time to stop playing.

Troubleshooting

- Make sure the power cord is correctly and firmly connected.
- 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, and wireless transceivers). This product is a system product, and the entire system is needed to determine the location requiring repair.

If the STANDBY indicator flashes

Immediately unplug the power cord, and check the following item.

- Is anything blocking the ventilation holes on the rear of the unit?

After the STANDBY indicator **[2]** stops flashing, reconnect the power cord, and turn on the unit. If the issue persists, contact your nearest Sony dealer.

Connecting the unit and S-AIR main unit is not possible. (The S-AIR indicator **[10]** flashes.)

- If you use another S-AIR main unit, place it more than 8 m 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 unit is already paired with another S-AIR main unit. Pair the unit with the desired S-AIR main unit.
- Place so that the unit and the S-AIR main unit are separated from other wireless devices.
- Avoid using any other wireless devices.
- The S-AIR main unit is turned off. Make sure the AC power cord (mains lead) is connected and turn on the S-AIR main unit.

There is no sound.

- If you use another S-AIR main unit, place it more than 8 m away from the S-AIR main unit you are using.
- Confirm the S-AIR IDs of the unit and the S-AIR main unit being the same ID.
- Check the pairing setting.
- Place so that the unit and the S-AIR main unit are closer.
- Avoid 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.
- Avoid 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 power cord is connected securely and the unit is turned on.
- Check that headphones are not connected to the ♪ (headphone) jack on the rear of the unit.
- 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 away from the S-AIR main unit you are using.
- Place so that the unit and the S-AIR main unit are closer.
- Avoid 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.
- Avoid 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, as this may result in noise.

To reset the unit to factory settings

If the unit still does not operate properly, reset the unit to factory settings.

- Disconnect and reconnect the power cord, and then turn on the unit.
- Press ■ **[4]**, DISPLAY **[6]** and I/⏻ **[1]** at the same time. All user-configured settings, such as timer, clock, etc. are deleted.

Messages

CANCEL : Time out without pairing.

COMPLETE : Pairing is completed.

ID A : Sets the S-AIR ID to “A.”

ID B : Sets the S-AIR ID to “B.”

ID C : Sets the S-AIR ID to “C.”

LINKED : The unit is connected to the S-AIR main unit.

PAIRING : Pairing is in progress.

S-AIR : Displayed from the point power of the unit is turned on until connection with the S-AIR main unit is established.

TIME NG : The Play Timer start and end times are set to the same time.

UNLINKED : Displayed when the connection with the S-AIR main unit is cut off.

Specifications

Amplifier section

DIN power output (rated):

3 + 3 W (3 ohms at 1 kHz, DIN)

Continuous RMS power output (reference):

4 + 4 W (3 ohms at 1 kHz, 10% THD)

Output

♪ (stereo mini jack): Accepts headphones with an impedance of 8 ohms or more

Speaker section

Speaker system: Full range, bass-reflex type

Speaker units: 65 mm, cone type (2)

Nominal impedance: 3 ohms

Wireless transceiver (EZW-RT10)

Communication System: S-AIR Specification version 1.0

Output: 12.0 mW

Frequency band: 2.4000 GHz — 2.4835 GHz

Modulation method: DSSS

Power requirements: DC 3.3 V, 350 mA

Dimensions (w/h/d): 50 mm × 13 mm × 60 mm

Mass: 24 g

General

Power requirements: 230 V AC, 50/60 Hz

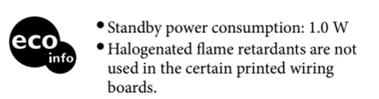
Power consumption: 15 W

Dimensions (w/h/d): Approx. 300 × 136 × 115 mm

Mass: Approx. 2.2 kg

Supplied accessories: Wireless transceiver EZW-RT10 (1)

Design and specifications are subject to change without notice.



- Standby power consumption: 1.0 W
- Halogenated flame retardants are not used in the certain printed wiring boards.