Operating Instructions
AIR-SA10

http://www.sony.net/

Notice for the customers in Canada
For the wireless transceiver (EZW-RT10)
This device complies with RSS Gen of IC Rules.
Operation is subject to the following two conditions:
(1) this device may not cause interference, and
(2) this device must accept any interference, including interference that may cause undesired operation of the device.

This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:
- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

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

For the wireless transceiver (EZW-RT10)
This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions:
(1) this device may not cause interference, and
(2) this device must accept any interference, including interference that may cause undesired operation of the device.

This equipment complies with FCC radiation exposure limits set forth for uncontrolled equipment and meets the FCC radiation exposure guidelines in Supplement C of OET65.
This equipment should be installed and operated with at least 20cm and more between the radiator and person's body (excluding extremities: hands, wrists, feet and ankles).

Notice for the customers in Australia
For the wireless transceiver (EZW-RT10)
This equipment should be installed and operated with at least 20cm and more between the radiator and person's body (excluding extremities: hands, wrists, feet and ankles).

S-AIR and its logo are trademarks of Sony Corporation.

The Bluetooth word mark and logos are owned by 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.

Use only with the cart, stand, tripod, table or bracket 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.

Compliance with ETSI radiation exposure limits for uncontrolled equipment are ensured by the following statements:
- This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If the equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:
  - Reorient or relocate the receiving antenna.
  - Increase the separation between the equipment and receiver.
  - Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.

Notes on use of the S-AIR product
- Do not use the S-AIR product transmits sound by radio waves. 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.
- If the S-AIR product uses the 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 use the S-AIR product near other wireless devices.
  - Do not use the S-AIR product and the 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.

Precautions
- 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 cable itself.
- When using the unit, keep it away from objects that conduct heat such as radiators, heat registers, stoves, or other apparatus (including amplifiers) that produce heat.
- 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.
- Protect the power cord from being walked on or pinched particularly at plugs, convenience receptacles, and the point where they exit from the apparatus.
- Only use attachments/accessories specified by the manufacturer.

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 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 S-AIR product is connected to the AC outlet, even if the unit itself has been turned off, the apparatus may still be energized.
- Do not install the appliance in a confined space, such as an enclosed built-in cabinet or a ceiling cabinet, because the air required for cooling the apparatus can flow poorly, and there may be a risk of fire.
- Do not install the appliance in a location where ventilation is blocked.
- Do not install the appliance where it will be exposed to high temperature or humidity, such as near a stove, radiator, or other apparatus.

Notice for the customers in the U.S.A.
The following FCC statement applies only to the version of this model manufactured for sale in the U.S.A. Other versions may not comply with FCC technical regulations.

NOTE:
This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:
- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

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 near water.
6) Do not block the ventilation openings. Install in accordance with the manufacturer’s instructions.
7) Do not install near any heat sources such as radiators, heat registers, stoves, or other apparatus (including amplifiers) that produce heat.
8) Clean only with dry cloth.
9) Do not block any ventilation openings. Install in accordance with the manufacturer’s instructions.
10) Do not install near heat sources such as radiators, heat registers, stoves, or other apparatus (including amplifiers) that produce heat.
11) 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.
12) Protect the power cord from being walked on or pinched particularly at plugs, convenience receptacles, and the point where they exit from the apparatus.
13) Only use attachments/accessories specified by the manufacturer.

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 those high-quality media are not lost, 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.

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.
2) Check the operation of the S-AIR ID (EZW-RT10) and the S-AIR main unit to be connected.
3) Connect the power cord to a wall socket.
4) Press the "PAIRING" button on the rear of the unit using a pointed object.

When paired, the S-AIR indicator 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
- Do not pair to off or off and "PAIRING" → “COMPLETE”
- Do not pair to off or off and "PAIRING" → “COMPLETE”
- Do not use other than the supplied wireless transceiver (EZW-RT10) and the EZW-RT10.

Preparation diagram for the wireless transceiver (EZW-RT10) and the S-AIR main unit
Setting the clock
1 Turn on the unit.
2 Select the clock set mode.
Press CLOCK/TIMER MENU. If the current mode appears on the display, press repeatedly to select “CLOCK” and then press CLOCK/TIMER ENTER.
3 Enter the time.
Press repeatedly to set the hour, and then press CLOCK/TIMER ENTER. 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.

Changing the display
To change the information on the display while the unit is on
Press DISPLAY. 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 unit → Model name of the connected S-AIR main unit → CLOCK/TIMER ENTER → Clock
When the unit is not connected to an S-AIR main unit:
“S-AIR” → “UNLINKED” → Clock
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. Each time you press the button, the display changes as follows:
No display (Power Saving Mode) → Clock
The displayed information depends on the connected S-AIR main unit.
Displayed for about 5 seconds.
Displayed only when the clock is set.

Note
The STANDBY indicator 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 repeatedly.

Note
Press if you set the timer, no sound is output from the unit if you use the S-AIR main unit to enjoy music from an internet radio, etc. during the period set for Sleep Timer.

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.
1 Press the source to which you want to set the timer.
2 Program the sound source on the S-AIR main unit.
Press VOLUME +/− to adjust the volume.
3 Press CLOCK/TIMER MENU. Press repeatedly to select “SLEEP,” and then press CLOCK/TIMER ENTER.
4 Set the time to start playing.
Press repeatedly to set the hour, and then press CLOCK/TIMER ENTER. The minute indication flashes. Use the procedure above to set the minute.
5 Use the same procedure as in step 4 to set the time to stop playing.

Tips
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.

Troubleshooting
If the STANDBY indicator flashes
Immediately plug the power cord, and check the following items.
• Is anything blocking the ventilation holes on the rear of the unit?
After the STANDBY indicator 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 “¥” flashes.)
• If you use another S-AIR main unit, place it more than 8 m (26 1/2 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.
• If the S-AIR main unit is turned off, the S-AIR indicator “¥” will not appear.
• The S-AIR main unit is turned off. Turn on the S-AIR main unit.
• The S-AIR main unit is not ready for playback. Set the S-AIR main unit to standby mode.

There is no sound.
• If you use another S-AIR main unit, place it more than 8 m (26 1/2 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.
• Check the Play Timer setting.
• Stop using any other wireless devices. Make sure there are no electromagnetic fields such as microwaves, etc.
• Change the S-AIR ID settings of the unit and the S-AIR main unit.
• Change the S-AIR ID settings of the unit and the S-AIR main unit.

If the STANDBY indicator flashes
Immediately plug the power cord, and check the following items.

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

Messages
CANCEL: Time-out without pairing.
COMPLETE: Pairing is canceled.
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
Operational range: 10 m (32 feet) max. (300 square meters)
Specifications
Amplifier section: U.S. A.
AUDIO POWER SPECIFICATIONS
POWER OUTPUT AND TOTAL HARMONIC DISTORTION
With 3 ohm loads, both channels driven, from 300 – 2,000 Hz, rated 4 watts per channel minimum RMS power, with no more than 10% total harmonic distortion from 250 milliwatts to rated output.
Other models: Continuous RMS power output (reference): 4 × 4 W (at 1 kHz, 10% THD)
Output (hardwire 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
Nominal impedance: 3 ohms
Wireless transceiver (EZV-R710):
Communication System: S-AIR Specification version 1.0
Operating range: 12 m (39 feet)
Frequency range: 2.4000 GHz – 2.4835 GHz
Modulation method: DSS
Power requirements: DC 3.3 V, 350 mA
Dimensions (w/h/d): 50 mm × 15 mm × 60 mm
Mass: 2.4 g (0.1 oz)
General
Power requirements: North American model: 120 V AC, 60 Hz
Oceania model: 240 – 240 V AC, 50/60 Hz
Power consumption: 15 W
Dimensions (w/h/d): Approx. 300 × 136 × 115 mm (11 3/4 x 5 1/8 x 4 9/16 in)
Max. Approx. 2.2 kg (4 lb 14 oz)
Supplied accessories: Wireless transceiver EZV-R710

Design and specifications are subject to change without notice.

Notes
1) Standby power consumption: 1.0 W
2) Halogenated flame retardants are not used in the certain printed wiring boards.
3) Halogenated flame retardants are not used in cabinets (Except for the U.S.A. model).

Troubleshooting

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.

To reset the unit to factory settings
If the unit still does not operate properly, reset the unit to factory settings.
1 Disconnect and reconnect the power cord, and then turn on the unit.
2 Press and hold DISPLAY and C until the same time.
All user-configured settings, such as timer, clock, etc. are deleted.