

### **IMPORTANT SAFETY INSTRUCTIONS:**

When using an electrical appliance, basic precautions should always be followed, including the following:

#### **READ ALL INSTRUCTIONS BEFORE USING**

**DANGER** - To reduce the risk of electric shock:

- Always unplug the appliance from the electrical outlet immediately before cleaning.
- Do not reach for an appliance that has fallen into water. Unplug it immediately.
- Do not place or store appliance where it can fall or be pulled into a tub or sink.
- Do not place in or drop into water or other liquid.

**WARNING** – To reduce the risk of burns, fire, electric shock or injury to persons:

- Close supervision is necessary when this appliance is used by or near children, invalids or disabled persons.
- Use this appliance only for its intended use as described in this manual. Do not use attachments not recommended by J.W; specifically any attachments not provided with the unit.

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| <b>Caution: All servicing of this product must be performed by authorized J.W Service Personnel only.</b> | <ul style="list-style-type: none"><li>• Never operate this appliance if it has a damaged cord, plug, cable or housing. If it not has been dropped or damaged, return it to J.W Service Center for examination and repair.</li><li>• Keep cord away from heated surfaces.</li><li>• Never drop or insert any object into any opening.</li><li>• Do not operate where aerosol (spray) products are being used or where oxygen is being administered.</li><li>• Do not carry this appliance by supply cord or use cord as handle.</li><li>• This appliance is designed for indoor use. Only the remote sensor should be used outdoors.</li><li>• Only set on dry surfaces. Do not place on surface wet from water or cleaning</li></ul> |
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### **SAVE THESE INSTRUCTIONS**

**Caution – Please read all instructions**

**Carefully before operating.**

- Never leave the appliance when unattended, especially if children are present.
- Never cover the appliance when it is in operation.
- This unit should not be used by children without adult supervision.
- Always keep the cord away from high temperature and fire.
- Do not lift, carry, hang, or pull the product by the power cord.
- If the adaptor sustains damage, you must stop using this product immediately and contact the J.W Service Center. (See the warranty section for the J.W address.)

## Sound Spa Clock Radio Features

- 6 Nature Sound: rain forest, ocean, thunder, summer night, rain, and waterfall
- Indoor and outdoor temperature
- Dual alarm
- AM/FM radio with alarm and snooze
- Three gentle-wake options - radio, alarm or soothing sound
- Easy-to-read LCD display
- Projection feature projects time and temperature on the ceiling or wall
- Auto-timer lets you choose how long you listen- 15, 30, or 60 minutes
- Volume control adjusts the volume of the radio, beep, or sounds

## Assembly and instructions for Use

1. Unpack the product and check to make sure everything is included (Fig 1).
2. This unit is powered by a DC adaptor, which is included.
3. The battery power is designed only to provide MEMORY BACK-UP for the clock and alarm settings. Three “AAA” batteries (not included) should be inserted into the battery compartment if memory back-up is desired (in the event of power outages or if the unit is unplugged). The time will be illuminated on the clock display, however, the backlight will not be illuminated and all other functions of the unit will be unavailable. As soon as the power supply returns, the display will indicate the correct time, and the functions will become available again.

**Note: Battery must be installed in order for clock memory back-up to operate. In the event of a power failure or disconnection, if the battery is not installed, the clock and alarm will need to be re-set when power is restored.**

4. To install batteries, remove compartment cover. Insert three “AAA” batteries into the compartment on the bottom of the unit according to the polarity direction indicated, Replace cover and snap into place.
5. Attach the adaptor into the DC jack on the unit (Fig 3) and insert the cord into a 120V household outlet.

## Setting Time

### Selecting a Time Zone

1. Toggle through the DST/TIME ZONE button (Fig.3) until you reach your desired time zone. (P-Pacific Standard Time, M-Mountain Standard Time, C-Central Standard Time, E-Eastern Stand Time)

### Manual Setting of Clock

1. Press the HOUR button (Fig 1) until you reach the correct hour.
2. Press the MIN button (Fig 1) until you reach the correct minute.
3. Press the BACKLIGHT HI/LOW/OFF button (Fig 3) to adjust the backlight intensity.

**Note: A PM indicator will appear in the upper left hand corner of the LCD display during the PM hours. Be sure to set the time for the correct 12-hour period- AM (morning) or PM (evening).**

## Listening to Nature Sounds

1. Select the sound you wish to listen to and press the corresponding button (Fig.5).
2. To adjust the volume, turn the VOLUME knob (Fig1) to your desired level.
3. When finished listening to the sounds you may turn them off by pressing the POWER button, or switch to the radio by pressing RADIO (Fig4).

**Note: When the unit is turned on it will always default to the last mode used.**

## Listening to the Radio

1. Press the RADIO button (Fig.4).
2. Use the AM/FM switch located on the back of the unit (Fig.3) to change between bands.
3. Rotate the TUNER (Fig.1) to select a radio station.
4. To adjust the volume-turn the VOLUME knob (Fig 1) to your desired level.
5. When finished listening to the radio may turn it off by pressing the FOWER button. (Fig.4)

**Note: Adjust the antenna on the back of the unit to better the radio reception if needed.**

### Using the Auto –Timer

When the power is on and you are listening to a nature sound or the radio you may set a timer so the unit will automatically turn off.

1. Toggle through the TIMER button (Fig4) until the corresponding outline border around the time of your choice, 15,30 or 60 minutes.

## Setting and Using The Alarm

### Setting and using Alarm 1 or Alarm 2 (Individually)

1. Slide the alarm switch to Alarm 1or Alarm 2. (Fig.3) An ALARM BELL (Fig.2) icon will appear on the LCD display.
2. Press the ALARM Set button. (Fig.4) The time will flash.
3. While the time is flashing press the HOUR button (Fig 1) until you reach the correct hour. Then press the MIN button (Fig 1) until you reach the desired minute.
4. After 5 seconds the alarm set time will stop flashing and it will be programmed, or you may press the ALARM SET button to confirm.

**Note: The PM indicator also applies to the alarm.**

5. You may choose one of 3 wake op options: BEEP, SOUND, or RADIO by pressing the AL-SOUND\_SELECT button. An outline border will around the wake mode selected. (Fig.4)

**Note: When using the sound mode, the unit will set to the last sound you listened to. If you wish to change it press the sound you wish to wake to (Fig.5) and then press the POWER button (Fig 4).**

6. When the alarm sounds you may:
  - a. **SNOOZE:** Press the SNOOZE button (Fig1). Your sleep time will be extended by 9 minutes .You may use this feature until you turn the alarm off.
  - b. **RESET:** Turn the alarm off by pressing ANY button on the unit, except for the SNOOZE button (Fig 4). The alarm clock will automatically reset for the next day in its current mode. The ALARM BELL icon and outline border will remain displayed to indicate the alarm is set. If you wish to change the wake mode follow step 5 under Setting and Using Alarm 1 and Alarm 2 individually.
  - c. **OFF:** To completely turn off the alarm so it is not set for the next day, slide the alarm switch to OFF.

**Note: If the alarm sounds for 30 minutes continuously it will automatically turn off.**

### Setting and using ALARM 1 and ALARM 2 (Together)

1. Slide the alarm switch to ALARM 1&2 (Fig.3) Both ALARM BELL (Fig.2) icons will appear on the LCD display.

**Note: You can not change the alarm time when ALARM 1&2 is selected. If you need to change the alarm time for either alarm follow step 1 under Setting and Using Alarm 1 or Alarm 2.**

2. You may choose one of 3 wake op options; BEEP, SOUND, or RADIO by pressing the ALARM MODE button. An outline border will around the wake mode selected. (Fig.4)

**Note: When using the sound mode, the unit will set to the last sound you listened to. If you wish to change it press the sound you wish to wake to (Fig.5) and then press the POWENR button (Fig.4).**

3. When the alarm sounds you may:

- a. **SNOOZE:** Press the SNOOZE button (Fig.1) your sleep time will be extended by 9 minutes .You may use this feature until you turn the alarm off.
- b. **RESET:** Turn the alarm off by pressing ANY on the unit, except for the SNOOZE button (Fig.4). The alarm clock will automatically reset for the next day in its current mode. The ALARM BELL icons and outline border will remain displayed to indicate the alarm is set. If you wish to change the wake mode follow step 2 under Setting and Using Alarm 1 and Alarm 2 Together.
- c. **OFF:** To completely turn off the alarm so it is set for the next day, slide the alarm switch to OFF.

**Note: If one of the Alarm users still needs their alarm set, you will need to slide the switch on the back of the unit to the alarm corresponds to their wake time.**

**Note: If the alarm sound for 30 minutes continuously it will automatically turn off.**

### Using the Projection Feature

1. To turn the projection feature on, slide the ON/OFF switch (Fig 3) on the back of the unit to the ON position. The time & outdoor temperature is now projected on the wall or ceiling.

**Note: If the projection feature is OFF, you may hit the SNOOZE button (Fig.1) to trigger 15 seconds of projection.**

2. The angle of the projection can be adjusted to angle on the ceiling or wall by moving the PROJECTOR TUBE (Fig.3) forward or backward.

### Using Indoor Temperature

The unit will begin reading indoor temperature when it is plugged in. Allow a few minutes for the correct temperature to register on the LCD display. (Fig.2)

### Using outdoor Temperature

Be sure the Sound Spa unit is plugged in prior to the remote sensor battery installation.

### Remote Sensor Battery Installation:

1. Loosen the 4 screws securing the battery cover with a small screwdriver (included) and remove. Insert 2 alkaline AAA batteries according to the polarity direction indicated.
2. Place the home receiver (Sound Spa Premier) as close as possible to the remote sensor. This will help with synchronization between the two units.

**Note: Once you are ready to position your remote sensor and home receiver, ensure that the distance is not outside the effective transmission range (100 feet). Some building materials and location of the home receiver or remote sensor can affect transmission quality and range. Try various for best results.**

3. Press the C/F button inside the remote sensor to change between °C and °F. (The remote sensor is preset on °F)
4. Press the TX button inside of the remote sensor to verify the reception.
1. Replace the cover and tighten the 4 screws.

**Note: It is recommended to test the units next to each other to ensure that both the remote sensor and home receiver are properly synchronized.**

## Remote sensor Mounting Instructions

The Remote Sensor comes with a table stand or can be wall mounted.

### Table Stand –

Simply fold out the attached stand from the mounting bracket.


### Wall Mounting –

Set a screw in the desired hanging location and mount.

**Note: Keep the remote sensor out of direct sunlight and rain.**

**Do not mount on metal surface.**

## Remote Sensor Low Battery Indication

Low battery indication is available for the remote sensor. A battery life “ ” icon will display on the remote sensor. Replace the batteries as necessary and follow the setup procedure.

## MAINTENANCE AND CARE INSTRUCTIONS

- Extreme temperatures shock or areas of unusual vibration should be avoided to prevent damage to the units.
- Clean the units using only a soft, damp cloth to wipe. Do not use solvents, abrasives with a dry cloth.
- Do not submerge units in water or other liquids.
- Do not submerge units to extremely severe temperatures – DO NOT PLACE UNITS INTO OVENS, FREEZERS or MICROWAVE UNITS.

**NOTE: Opening the housing (other than the battery compartment) of the Remote Sensor or the Sound Spa Unit will invalidate your warranty. Do not attempt to repair this unit – There are no consumer serviceable parts.**

## TROUBLE SHOOTING

**Indoor and Outdoor temperatures do not match when placed next to each other –**

The sensor is manufactured to be +/- degree in accuracy under normal conditions. So it is possible to have up to four degrees difference shown on the separate temperature sensors (on could be “+2 degree ” and the other“-2degree”). Additionally, the calibration curve is different between the two units because of the greater temperature range of the outdoor sensor. Errors are usually noted on the extreme ends of the temperature ranges.

### **Sound Spa unit is not accepting remote transmissions -**

The units may not be properly synchronized or the batteries may need to be replaced. See “USING OUTDOOR TEMPERATURE ” section for detailed instructions. With the two units next to each other, attempt synchronization. Remember to always place the remote sensor within the effective transmission range and away from large metal surfaces.

### **What is the recommended battery type?**

We recommend using only alkaline batteries.

### **Where can I mount the remote sensor?**

To get accurate readings and to prolong the life of your sensor. We recommend that you mount it out of direct sunlight and rain. Fog and mist will not affect the sensor, but large volumes of soaking rain may. To guard against this, we recommend that you mount it under the eave of your house, your garage or any other suitable place that will keep it out of direct sun and rain. Modifications not authorized by the manufacturer may void users authority to operate this device

### **Outdoor Temperature Reading shows “-- ”**

The may indicate a low battery or out transmission range.

### **FCC DISCLAIMER**

This device complies with Part 15 of the FCC Rules.

Operation is subject to the following two conditions: (1) this device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

#### **FCC NOTE:**

THE MANUFACTURER IS NOT RESPONSIBLE FOR ANY RADIO OR TV INTERFERENCE CAUSED BY UNAUTHORIZED MODIFICATIONS TO THIS EQUIPMENT. SUCH MODIFICATIONS COULD VOID THE USER'S AUTHORITY TO OPERATE THE EQUIPMENT.

This device complies with RSS 210 of Industry Canada.

Operation is subject to the following two conditions: (1) this device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

**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.

### **SPECIFICATIONS**

Range of temperature measurement:

Indoor temp : +14°F to +158 °F (-10°C to +70°C)

Remote sensor :-40°F to + 158°F (-40°C to +70°C)

Transmission: max. 100 ft. (30 m) open area, RF 434 MHZ