JENSEN®

# Mood Lamp Digital Dual Alarm Clock Radio

## MODEL: JCR-360
## USER MANUAL

**PLEASE READ THIS USER MANUAL COMPLETELY BEFORE OPERATING THIS UNIT AND RETAIN THIS BOOKLET FOR FUTURE REFERENCE.**

**Please contact Spectra Customer Service at 1-800-777-5331 if you have any questions about operating this product**

# WARNING

**WARNING :**
To reduce the risk of fire or electric shock, do not expose this appliance to rain or moisture.

**CAUTION:**
Use of controls or adjustments or performance of procedures other than those specified may result in hazardous radiation exposure.

**CAUTION**
**RISK OF ELECTRIC SHOCK DO NOT OPEN**

CAUTION - TO REDUCE THE RISK OF ELECTRIC SHOCK, DO NOT REMOVE COVER (OR BACK). NO USER-SERVICING TO QUALIFIED SERVICE PERSONNEL.

The lightning flash with arrowhead symbol, within an equilateral triangle, 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.

The exclamation point within an equilateral triangle is intended to alert the user to the presence of important operating and maintenance (servicing) instructions in the literature accompanying the appliance.

# 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 product heat.
9. AC adaptor is used as disconnect device and it should remain readily operable during intended use. In order to disconnect the apparatus from the mains completely, the AC adaptor should be disconnected from the mains socket outlet completely.
10. Only use attachments/accessories specified by the manufacturer.
11. Use only with a cart, stand, tripod, bracket, or table recommended by the manufacturer, or sold with the product. When a cart is used, use caution when moving the cart/apparatus combination to avoid injury from tip-over.

12. Unplug this apparatus during lightning storms or when unused for a long periods of time.
13. Refer all servicing to qualified service personnel. Servicing is required when the apparatus has been damaged in any way, such as power-supply cord or plug is damaged, liquid has been spilled or objects have fallen into the apparatus, the apparatus has been exposed to rain or moisture, does not operate normally, or has been dropped.

14. This appliance shall not be exposed to dripping or splashing water and that no object filled with liquids such as vases shall be placed on the apparatus.
15. Do not overload wall outlet. Use only power source as indicated.
16. Use replacement part as specified by the manufacturer.
17. Upon completion of any service or repairs to this product, ask the service technician to perform safety checks.
18. Power Sources - This product should be operated only from the type of power source indicated on the marking label. If you are not sure of the type of power supply to your home, consult your product dealer or local power company. For products intended to operate from battery power, or other sources, refer to the operating instruction.
19. Object and Liquid Entry - Never push objects of any kind into this product through openings as they may touch dangerous voltage points or short-out parts that could result in a fire or electric shock. Never spill liquid of any kind on the product.
20. Damage Requiring Service - Unplug this product from the wall outlet and refer servicing to qualified service personnel under the following conditions:
    a) When the power-supply cord or plug is damaged,
    b) If liquid has been spilled, or objects have fallen into the product,
    c) If the product has been exposed to rain or water,
    d) If the product does not operate normally by following the operating instructions. Adjust only those controls that are covered by the operating instructions as an improper adjustment of other controls may result in damage and will often require extensive work by a qualified technician to restore the product to its normal operation.
    e) If the product has been dropped or damaged in any way, and
    f) When the product exhibits a distinct change in performance - this indicates a need for service.
21. Battery shall not be exposed to excessive heat such as sunshine, fire or the like.
22. Minimum distances of 10 cm around the apparatus for sufficient ventilation.
23. The ventilation should not be impeded by covering the ventilation openings with items, such as newspapers, table-cloths, curtains, etc.
24. No naked flame sources, such as lighted candles, should be placed on the apparatus.
25. The use of apparatus in moderate climates.
26. Attention should be drawn to the environmental aspects of battery disposal.
27. The marking information is locatied at the bottom of apparatus.

## CAUTION

- Danger of explosion if battery is incorrectly replaced. Replace only with the same or equivalent type.
- Battery cannot be subjected to high or low extreme temperatures, low air pressure at high altitude during use, storage or transportation.
- Replacement of a battery with an incorrect type that can result in an explosion or the leakage of flammable liquid or gas.
- Disposal of a battery into fire or a hot oven, or mechanically crushing or cutting of a battery, that can result in an explosion.
- Leaving a battery in an extremely high temperature surrounding environment that can result in an explosion or the leakage of flammable liquid or gas.
- A battery subjected to extremely low air pressure that may result in an explosion or the leakage of flammable liquid or gas.

# SAVE THESE INSTRUCTIONS

## COMPLIANCE WITH FCC REGULATIONS

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.

**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.

**CAUTION: Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.**

## PROTECT YOUR FURNITURE!!

This product is equipped with non-skid rubber 'feet' to prevent the product from moving when you operate the controls. These 'feet' are made from non-migrating rubber material specially formulated to avoid leaving any marks or stains on your furniture. However certain types of oil based furniture polishes, wood preservatives, or cleaning sprays may cause the rubber 'feet' to soften, and leave marks or a rubber residue on the furniture. To prevent any damage to your furniture we strongly recommend that you purchase small self-adhesive felt pads, available at hardware stores and home improvement centers everywhere, and apply these pads to the bottom of the rubber 'feet' before you place the product on fine wooden furniture.

## DEAR JENSEN® CUSTOMER

Selecting fine audio equipment such as the unit you've just purchased is only the start of your musical enjoyment. Now it's time to consider how you can maximize the fun and excitement your equipment offers. This manufacturer and the Electronic Industries Association's Consumer Electronics Group want you to get the most out of your equipment by playing it at a safe level. One that lets the sound come through loud and clear without annoying blaring or distortion and, most importantly, without affecting your sensitive hearing. Sound can be deceiving. Over time your hearing "comfort level" adapts to higher volumes of sound. So what sounds "normal" can actually be loud and harmful to your hearing. Guard against this by setting your equipment at a safe level BEFORE your hearing adapts.

**To establish a safe level:**

- Start your volume control at a low setting.
- Slowly increase the sound until you can hear it comfortably and clearly, and without distortion.

**Once you have established a comfortable sound level:**

- Set the dial and leave it there.

Taking a minute to do this now will help to prevent hearing damage or loss in the future. After all, we want you listening for a lifetime.

**We Want You Listening For a Lifetime**

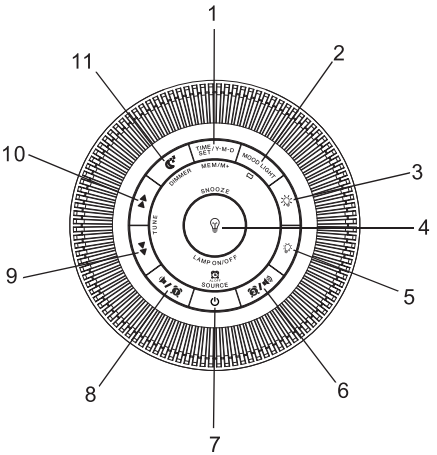
Used wisely, your new sound equipment will provide a lifetime of fun and enjoyment. Since hearing damage from loud noise is often undetectable until it is too late, this manufacturer and the Electronic Industries Association's Consumer Electronics Group recommend you avoid prolonged exposure to excessive noise.

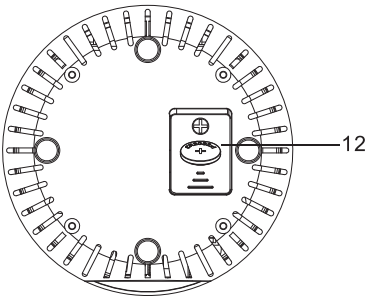
**Customer's Record:**

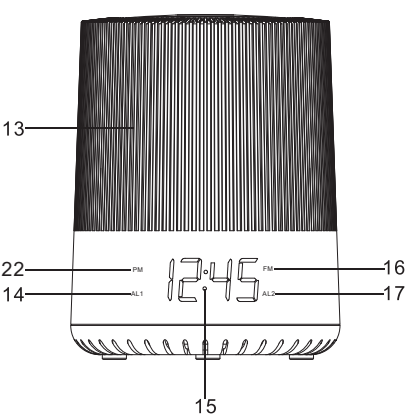
The serial number of this product is found on its bottom cover. You should note the serial number of this unit in the space provided as a permanent record of your purchase to aid in identification in the event of theft of loss.

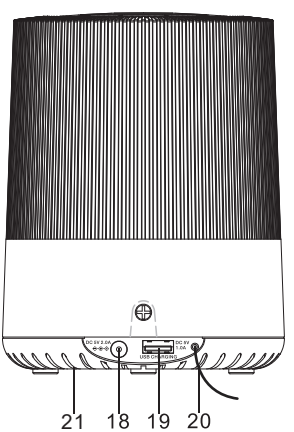
**Model Number: JCR-360** **Serial Number :** _____

## LOCATION OF CONTROLS



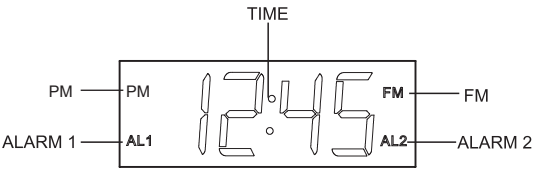



| | | |
|---|---|---|
| 1 | TIME SET / Y-M-D / MEM.M+ | CLOCK SET BUTTON / RADIO PRESET BUTTON / MEMORY+ (UP) BUTTON |
| 2 | MOOD LIGHT / | MOOD LIGHT ON/OFF/PAUSE BUTTON / REPEAT/STOP BUTTON |
| 3 | | LAMP BRIGHTNESS INCREASE BUTTON |
| 4 | LAMP ON/OFF/ SNOOZE | LAMP ON/OFF BUTTON / ALARM SNOOZE BUTTON |
| 5 | | LAMP BRIGHTNESS DECREASE BUTTON |
| 6 | / | ALARM 2 BUTTON / VOLUME UP BUTTON |
| 7 | /SOURCE/ AL OFF | POWER ON / STANDY BUTTON<br>FM / NATURE SOUND MODE SELECTION BUTTON<br>ALARM OFF BUTTON |
| 8 | / | ALARM 1 BUTTON<br>VOLUME DOWN BUTTON |
| 9 | | TUNE DOWN BUTTON |
| 10 | | TUNE UP BUTTON |
| 11 | /DIMMER | SLEEP BUTTON (IN POWER ON MODE)<br>Hi-MID-LOW DIMMER (IN STANDBY MODE) |
| 12 | | BATTERY COMPARTMENT COVER |
| 13 | | LAMP COVER |
| 14 | AL 1 | ALARM 1 INDICATOR |
| 15 | | LED DISPLAY |
| 16 | FM | FM IDICATOR |
| 17 | AL 2 | ALARM 2 INDICATOR |
| 18 | DC IN | DC IN JACK |
| 19 | USB CHARGING | USB CHARGING PORT |
| 20 | | FM ANTENNA |
| 21 | | SPEAKER |
| 22 | PM | PM INDICATOR |

**DISPLAY**

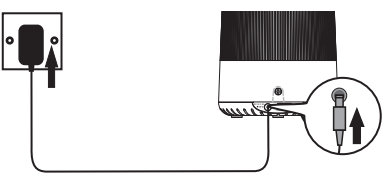



## POWER SOURCE (AC ADAPTOR ONLY)

The JCR-360 is powered by an external 120V AC adaptor with an output of AC ~ 5V⎓2000mA.
The unit is also equipped with a battery back-up system for the clock that is powered by 1 x CR2032 lithium battery (not included).

**POWER CONNECTION**

1. Plug the cord of the power adaptor into the DC IN JACK (#18) located on the back of the JCR-360.
2. Plug the power adaptor into a 120V~ 60Hz AC household wall socket. The unit is powered up and in standby mode when you see the display turn on and begin flashing.



**Battery Back-up system**

1.) This unit is equipped with a battery back-up system located on the bottom of the unit that requires 1 x CR2032 lithium battery (not included).
2.) Remove the screw that holds the battery compartment cover in place, and then remove the BATTERY COMPARTMENT COVER (#12). Insert a CR2032 battery (not included) into the battery compartment and make sure the positive and negative (+ or -) sides of the batteries are in contact with the corresponding terminals in the battery compartment. Replace the BATTERY COMPARTMENT COVER (#12) and tighten the screw.

## IMPORTANT:

**If you operate this unit without a back-up battery inserted, you will need to reprogram the clock, the alarms and the FM radio station presets if the power is interrupted or if there's a power outage.**

**Note:**

- If power outage occurs, the unit automatically switches to the battery powersupply and keeps the clock and alarm settings.
- When replacing the battery, do not disconnect the power adapter. Otherwise, all clock and alarm settings will be lost.
- Only use a well-known brand of battery to ensure the longest life and best performance.

**Battery Precautions**

- Replacement of batteries must be done by an adult.
- The supply terminals are not to be short-circuited.
- Non-rechargeable batteries are not to be recharged.
- Exhausted batteries are to be removed.
- Only batteries of the equivalent type are to be used.
- Batteries are to be inserted with the correct polarity.
- Dispose of batteries properly. Do not dispose of batteries in fire. The batteries may explode or leak.

**⚠ WARNING**
**DO NOT INGEST BATTERY, CHEMICAL BURN HAZARD**

The battery compartment supplied with this product contains a coin/button cell battery. If the coin/button cell battery is swallowed, it can cause severe internal burns in just 2 hours and can lead to death.

Keep new and used batteries away from children. If the battery compartment does not close securely, stop using the product and keep it away from children.

If you think batteries might have been swallowed or placed inside any part of the body, seek immediate medical attention.

## NOTE ON NON-MAGNETICALLY SHIELDED SPEAKERS

This unit is not magnetically shielded and may cause color distortion on the screen of some TVs or video monitors. To avoid this, you may need to move the unit further away from the TV or monitor if unnatural color shifts or image distortion occurs.

## PLEASE READ BEFORE SETTING THE TIME / DATE / ALARMS

During the set-up process the unit will automatically revert back to the time after 10 seconds if you take too long going through the programming steps. To avoid having this happen, we highly recommend reviewing all the set-up instructions first to familiarize yourself with all the steps prior to actually programming the time and alarms.

## STANDBY MODE

**STANDBY MODE** is when the unit is first plugged into an AC power source (display flashing) or after all the settings has been made and the time is showing on the display. Standby mode is also enabled when the FM Radio and nature sounds are off, no buttons are pressed and no alarms are sounding.

## GETTING STARTED

### TURNING THE UNIT POWER ON/OFF

1. When the unit is OFF (STANDBY MODE), tap the POWER⏻ / SOURCE BUTTON (#7) on top of the unit to turn it ON. The last selected input mode icon will show on LED display.
2. Tap the POWER ⏻ / SOURCE BUTTON (#7) on top of the unit again to turn the unit OFF and put it in STANDBY MODE.

## SETTING THE DATE AND TIME

While setting the Date and Time, the unit may automatically revert back to the time after 10 seconds if you take too long going through the programming steps. If this happens, please review the set-up instructions prior to actually programming the Date and Time.

The **LED DISPLAY** (#15) will be flashing when the unit is plugged in for the first time. The unit is now in **STANDBY MODE.**

### SETTING THE DATE AND TIME:

1. In **STANDBY MODE**, press and hold the **TIME SET BUTTON** (#1) until the **YEAR** digits show on the display and begin to flash.
2. Repeatedly tap the **DOWN BUTTON** ◀◀(#9) or **UP BUTTON** ▶▶(#10) to select the current year. Tap the **TIME SET BUTTON** (#1) to confirm the year.
3. The **MONTH** digits will be flashing on the display.
4. Repeatedly tap the **DOWN BUTTON** ◀◀ (#9) or **UP BUTTON** ▶▶(#10) to select the current month. Tap the TIME SET BUTTON (#1) to confirm the month.
5. The **DAY** digits will be flashing on the display.
6. Repeatedly tap the **DOWN BUTTON** ◀◀ (#9) or **UP BUTTON** ▶▶ (#10) to select the current day of the month. Tap the TIME SET BUTTON (#1) to confirm the day.
7. "**12H**" will show on the display.
8. Tap the **DOWN BUTTON** ◀◀ (#9) or **UP BUTTON** ▶▶(#10) to select between 12 hour clock format (12H) or 24 hour clock format (24H). Default is set to 12 hour mode. Tap the TIME SET BUTTON (#1) to confirm the time format.
9. The **HOUR** digits will begin flashing on the display.
10. Repeatedly tap the **DOWN BUTTON** ◀◀ (#9) or **UP BUTTON** ▶▶ (#10) to set the hour. Make sure the correct AM or PM time is selected when setting the hour. Tap the **TIME SET BUTTON** (#1) to confirm the hour.

    **NOTE**: The PM INDICATOR (#22) is located in the upper left part of the display. The PM INDICATOR (#22) will light when the hour digits selected are for PM time. The PM INDICATOR (#22) will be off when the hour digits selected are for AM time.

11. The **MINUTE** digits of the clock display begin to flash.
12. Repeatedly tap the **DOWN BUTTON** ◀◀(#9) or **UP BUTTON** ▶▶(#10) to set the minutes. Tap the TIME SET BUTTON (#1) to complete the date and time setting.

**CHECKING THE DATE AND TIME:**

In **STANDBY MODE**, repeatedly press the **TIME SET BUTTON** (#1) and the display will step through the current date and time settings.

**1st press – The set Day of the week (d1 – d7): Monday (d1) – Sunday (d7)**
**2nd press – The set Year**
**3rd press – The set Month / Date**
**4th press – The set Time**

## DUAL ALARM OPERATION

**THE JCR-360 FEATURES 2 SEPARATE ALARMS THAT CAN BE SET INDEPENTANT OF EACH OTHER AND ALLOW 2 DIFFERENT WAKE OPTIONS.**

While setting the Alarms, the unit may automatically revert back to the time after 10 seconds if you take too long going through the programming steps. If this happens, please review the set-up instructions prior to actually programming the Alarms.

**SETTING ALARM 1 ☎ :**

1. In **STANDBY MODE**, tap the **ALARM 1 ☎ BUTTON** (#8) and the alarm 1 time will show on the display. **IMMEDIATELY** press and hold the **ALARM 1 ☎ BUTTON** (#8) again while the alarm 1 time is showing.
2. The alarm **1 HOUR** digits will begin flashing on the display and the **AL1 INDICATOR** (#14) will turn **ON**.
3. Repeatedly tap the **DOWN BUTTON ◂◂** (#9) or **UP BUTTON ▸▸** (#10) to set the alarm 1 hour. Make sure the correct **AM** or **PM** time is selected when setting the hour. Tap the **ALARM 1 ☎ BUTTON** (#8) to confirm the hour.

   **NOTE:** The PM INDICATOR (#22) is located in the upper left part of the display. The PM INDICATOR (#22) will light when the hour digits selected are for PM time. The PM INDICATOR (#22) will be off when the hour digits selected are for AM time.

4. The alarm **1 MINUTE** digits will begin flashing on the display.
5. Repeatedly tap the **DOWN BUTTON ◂◂** (#9) or **UP BUTTON ▸▸** (#10) to set the alarm 1 minutes. Tap the **ALARM 1 ☎ BUTTON** (#8) to confirm the minutes.
6. The **DAYS** alarm 1 will turn on will show and flash on the display.
7. Repeatedly tap the **DOWN BUTTON ◂◂** (#9) or **UP BUTTON ▸▸** (#10) to set the days you want alarm 1 to turn on. Tap the **ALARM 1 ☎ BUTTON** (#8) to confirm the days you want alarm 1 to turn on.

   **1 - 7 = Monday – Sunday (default)**
   **1 - 5 = Monday – Friday only**
   **6 - 7 = Saturday and Sunday only**

8. The **ALARM TYPE** for alarm 1 will show and flash on the display.
9. Repeatedly tap the **DOWN BUTTON ◂◂** (#9) or **UP BUTTON ▸▸** (#10) to select one of three different alarm types for alarm 1. Tap the **ALARM 1 ☎ BUTTON** (#8) to confirm the alarm type for alarm 1.

   - **BEEPING ALARM:** bU will show flashing on the display
   - **FM RADIO:** the last FM radio station played will show flashing on the display (example: 87.5)*
   - **NATURE SOUNDS:** nS will show flashing on the display*

***NOTE: An extra step is added if you select FM RADIO (step 10A) or NATURE SOUNDS (step 10B) as the ALARM TYPE.**

10. **IMPORTANT: If you selected the BEEPING ALARM in step 9, skip to step 11.**

**10A. IF YOU SELECTED FM RADIO:**

a) Repeatedly tap the **DOWN BUTTON** ◂◂ (#9) or **UP BUTTON** ▸▸ (#10) to select the volume level (01 – 15) for the FM radio.

b) Tap the **ALARM 1** ☎ **BUTTON** (#8) to confirm the FM radio volume level.

**NOTE:** The FM RADIO will begin playing the last FM radio station you listened at this set volume level once the wake time is reached.

c) **Proceed to step 11.**

**10B. IF YOU SELECTED NATURE SOUNDS:**

a) Repeatedly tap the **DOWN BUTTON** ◂◂ (#9) or **UP BUTTON** ▸▸ (#10) to select one of six different nature sounds.

- **CHIRPING BIRDS**
- **OCEAN**
- **FOREST STREAM**
- **WIND CHIMES**
- **SUMMER NIGHT**
- **THUNDERSTORM**

b) Tap the **ALARM 1** ☎ **BUTTON** (#8) to confirm the nature sound.

c) Repeatedly tap the **DOWN BUTTON** ◂◂ (#9) or **UP BUTTON** ▸▸ (#10) to select the volume level (01 – 15) for the nature sound.

d) Tap the **ALARM 1** ☎ **BUTTON** (#8) to confirm the nature sound volume level.

e) **Proceed to step 11.**

11. The **LAMP BRIGHTNESS LEVEL** for alarm 1 will show and flash on the display.
12. Repeatedly tap the **DOWN BUTTON** ◂◂ (#9) or **UP BUTTON** ▸▸ (#10) to set the lamb brightness level (L00 – L20) for alarm 1. Tap the **ALARM 1** ☎ **BUTTON** (#8) to confirm the lamp brightness level.

**NOTES ON THE LAMP BRIGHTNESS SETTING:**

A. The **LAMP** (#13) will automatically turn **ON** at the lowest brightness level (L01) 30 minutes before the set wake time.

B. The **LAMP** brightness will gradually increase until it reaches the brightness level set in step 12 (L01 – L20) when the wake time is reached.

C. **L00 is LAMP OFF**, so if the brightness is set to L00, the **LAMP** (#13) will not turn on 30 minutes before the set wake time or when the wake time is reached.

D. The LAMP (#13) will not turn on if you are setting the alarm within 30 minutes of the wake time.

13. **ALARM 1** is now set. The **AL1 INDICATOR** (#14) will remain ON and the display will revert back to the current time.

**NOTE:** To check the alarm time you have set, tap the ALARM 1 button once in standby mode, tap it again to revert back to the current time.

**SETTING ALARM 2** :
**Alarm 2 is set the same way you set Alarm 1, but using the ALARM 2 BUTTON (#6).**

1. **Repeat Steps 1 – 13 for setting Alarm 2 using the ALARM 2 BUTTON (#6).**
2. The **AL2 INDICATOR** (#17) will turn **ON** while setting alarm 2 and will remain on once **ALARM 2** is set.

## TURNING THE ALARMS ON / OFF

1. **ALARM 1 ON**: In **STANDBY MODE**, press and hold the **ALARM 1 BUTTON** (#8) until the **AL1 INDICATOR** (#14) turns **ON**. ALARM 1 is now armed and will turn ON at the set time and day.
2. **ALARM 1 OFF**: In **STANDBY MODE**, press and hold the **ALARM 1 BUTTON** (#8) until the **AL1 INDICATOR** (#14) turns **OFF**. ALARM 1 is now disarmed and will not turn on.
3. **ALARM 2: Repeat steps 1 and 2 using the ALARM 2 BUTTON** (#6) and observing the **AL2 INDICATOR** (#17) for turning **ALARM 2** ON and OFF.

## TURNING THE ALARM OFF WHEN THE WAKE TIME IS REACHED

1. Once the set wake time is reached and the selected alarm is sounding, **AL1 INDICATOR** (#14) or **AL2 INDICATOR** (#17) will begin flashing to show which alarm is sounding.
2. Press the **POWER / SOURCE BUTTON** (#7) once to silence the alarm for the day. The **ALARM INDICATOR** will stop flashing and the alarm will automatically reset for the next day selected.
   **NOTE**: The selected alarm will sound for 60 minutes and then turn off if no buttons are pressed. The alarm will automatically reset for the next day selected.

## SNOOZE FUNCTION

When the selected alarm sounds, tap the **ALARM SNOOZE BUTTON** (#4) to temporarily turn off the alarm and activate the snooze function. The alarm will stop and turn on again 9 minutes later. This can be repeated again within the remaining 60 minutes from the set alarm time.
Press the **POWER / SOURCE BUTTON** (#7) once to cancel the snooze function or silence the alarm for the day. The alarm will automatically reset for the next day selected.

**NOTE**: The selected alarm will sound for 60 minutes and then turn off if no buttons are pressed. The alarm will automatically reset for the next day selected.

## RADIO OPERATION

1. In STANDBY MODE, tap the **POWER / SOURCE BUTTON** (#7) on top of the unit to turn it ON.
2. If the unit is in **FM RADIO** mode, the last FM radio station played will show on the display.
3. If the unit is in **NATURE SOUNDS** mode, press and hold the **POWER / SOURCE BUTTON** (#7) to switch to **FM RADIO** mode. The radio station frequency will show on the display (example: 87.5).

4. **MANUAL TUNING:** Repeatedly tap the **DOWN BUTTON** ◂◂ (#9) or **UP BUTTON** ▸▸ (#10) to manually change the FM station. Use the manual tuning method to tune in weaker stations that are bypassed during **AUTOMATIC TUNING**.
5. **AUTOMATIC TUNING**: Press and hold either the **DOWN BUTTON** ◂◂ (#9) or **UP BUTTON** ▸▸ (#10) until the radio station showing begins to scan. Release the button and the unit will automatically tune to the next radio station with a strong broadcast signal.
6. Tap the **VOLUME DOWN** 🔉 **BUTTON** (#8) or **VOLUME UP** 🔊 **BUTTON** (#6) to adjust the volume control to the desired volume level.

**HINTS FOR BEST RECEPTION:**
The receiver has a build-in FM wire antenna attached to the back of the unit. This wire antenna should be unwrapped and fully extended for the best reception.
**NOTE:** Automatic tuning depends on the signal strength of the broadcasting station, so weak stations may be skipped. You can manually tune to find the weak stations if a station gets skipped. With strong signals, the tuner may stop before it reaches the actual broadcast frequency, so you may need to manually tune for the best reception.

**STORING RADIO STATIONS IN MEMORY**
1. In STANDBY MODE, tap the **POWER** ⏻ **/ SOURCE BUTTON** (#7) on top of the unit to turn it ON.
2. If the unit is in **FM RADIO** mode, the last FM radio station played will show on the display.
3. If the unit is in **NATURE SOUNDS** mode, press and hold the **POWER** ⏻ **/ SOURCE BUTTON** (#7) to switch to FM RADIO mode. The radio station frequency will show on the display (example: 87.5).
4. Tune to a radio station you want saved in memory using the **DOWN BUTTON** ◂◂ (#9) or **UP BUTTON** ▸▸ (#10).
5. Press and hold the **MEM/M+ (TIME SET/Y-M-D) BUTTON** (#1) until the next available preset memory number begins flashing on the display. (Note:"P01" will flash on the display if you are programming preset for first time).
6. Tap the **DOWN BUTTON** ◂◂ (#9) or **UP BUTTON** ▸▸ (#10) to select the preset memory location (P01 – P10) you want to assign the station to.
7. Tap the **MEM/M+ (TIME SET/Y-M-D) BUTTON** (#1) to confirm the setting and the selected preset memory location will stop flashing.
8. Repeat step #4 thru # 7 to store up to 10 stations.

**RECALLING PRESET RADIO STATIONS FROM MEMORY**
1. When the radio is playing, repeatedly tap the **MEM/M+ (TIME SET/Y-M-D) BUTTON** (#1) to step through the 10 memory locations (P01 – P10).

## LISTENING TO NATURE SOUNDS

1. In **STANDBY MODE**, tap the **POWER** ⏻ **/ SOURCE BUTTON** (#7) on top of the unit to turn it ON.
2. If the unit is in **FM RADIO** mode and the radio station is showing, press and hold the **POWER** ⏻ **/ SOURCE BUTTON** (#7) to switch to **NATURE SOUNDS** mode.
3. If the unit is in **NATURE SOUNDS** mode, the display will show the current **NATURE SOUND** playing:

- **CHIRPING BIRDS**
- **OCEAN**
- **FOREST STREAM**
- **WIND CHIMES**
- **SUMMER NIGHT**
- **THUNDERSTORM**

4. Repeatedly tap the **DOWN BUTTON** ◂◂ (#9) or **UP BUTTON** ▸▸ (#10) to select the nature sound you want to listen to. The selected sound will show for a few seconds and then change back to the clock.
5. Tap the **POWER** ⏻ **/ SOURCE BUTTON** (#7) to turn the unit OFF when you are done listening.

## SLEEP TIMER

The **SLEEP TIMER** allows you to turn OFF the FM Radio or Nature Sounds after a designated time is reached.

1. To activate the sleep timer, tap the **POWER** ⏻ **/ SOURCE BUTTON** (#7) to turn the unit ON.
2. Press and hold the **POWER** ⏻ **/ SOURCE BUTTON** (#7) to select between **FM RADIO** or **NATURE SOUNDS**, and select the radio station or nature sound you want to listen to.
3. Tap the **SLEEP** 💤 **BUTTON** (#11) and the sleep time will appear on the display.
4. Repeatedly tap the **SLEEP** 💤 **BUTTON** (#11) to select a sleep time in minutes: 120 – 90 – 60 – 30 – 15 or OFF (to cancel)
5. The unit will turn off after the selected time expires.
6. To cancel the sleep timer, tap the **SLEEP** 💤 **BUTTON** (#11) repeatedly until timer shows “OFF”.
7. To turn the unit OFF before the selected SLEEP TIME expires, tap the **POWER** ⏻ **/ SOURCE BUTTON** (#7) once and the unit will turn OFF.

**Note:** Press the **SLEEP** 💤 **BUTTON** (#11) once while the SLEEP TIMER is active to check the remaining time.

## DISPLAY BRIGHTNESS

In **STANDBY MODE**, tap the **DIMMER BUTTON** (#11) repeatedly to select one of the three brightness settings for the LED DISPLAY (#15) (Hi – Mid – Lo).

The **LED DISPLAY** (#15) display brightness defaults in the “Mid” brightness level.
**Note:** Display brightness will automatically set to Hi mode if you turn on reading lamp or mood light.

## LAMP OPERATION

1. Tap the **LAMP ON/OFF BUTTON** (#4) to turn ON the LAMP.
2. Tap the **LAMP BRIGHTNESS DECREASE** 💡 **BUTTON** (#5) or **LAMP BRIGHTNESS INCREASE** 💡 **BUTTON** (#3) to adjust the brightness level. There is total 20 levels of lamp brightness to choose from.
3. **LAMP ON/OFF BUTTON** (#4) again to turn the **LAMP OFF**

## MOOD LIGHT OPERATION

1. Tap the **MOOD LIGHT /** 🔁 **BUTTON** (#2) to turn the **MOOD LIGHT ON**.
2. The **MOOD LIGHT** will automatically change colors.
3. Press and hold the **MOOD LIGHT /** 🔁 **BUTTON** (#2) to stop the light from changing colors and remain lit on one of the colors.

4. Press and hold the **MOOD LIGHT / ⮌ BUTTON** (#2) again and the light will automatically start changing colors again.
5.. Tap the **MOOD LIGHT / ⮌ BUTTON** (#2) to turn the **MOOD LIGHT OFF**.

**NOTE:** The MOOD LIGHT brightness cannot be changed.

## USB CHARGING (CHARGING CORD NOT INCLUDED

**THE UNIT FEATURES A REAR MOUNTED USB CHARGING PORT (#19) (DC 5V ⎓ 1 A) FOR CHARGING YOUR CELL PHONE**

1. Plug the standard end of a USB charging cable (not included) into the **USB**
2. **CHARGING PORT** (#19) located on the back of the unit. Plug the other end of
3. the charging cable into your device.
   Check the battery charging indicator on your device to make sure the charging process starts normally.
   Unplug the cable when your device is fully charged.

**CAUTION:**
Before charging, please refer to the user manual of the device you wish to charge to make sure the charging current requested does not exceed 1A (1000mA). Overloading the charging circuit may damage the unit permanently and void the warranty.

1. The USB charging port of this unit supplies a DC 5V output at 1000 mA maximum current to charge your smart phone or portable device battery and it cannot support any other voltage range.
2. Make sure the device you want to charge has a battery charge rating of DC 5V only.
3. The USB port of this unit is designed for smart phone or portable device battery charging only and it cannot support data transfer or connect to computer.
4. Do not connect the USB port of this unit to other external power charger USB ports, it may damage both units and void the warranty.

**Note:**
1.) Some smart phones and portable devices use proprietary USB connections and circuitry, so they may not charge when plugged into the USB port. Please refer to your device user manual before you attempt to charge them.
2.) It is normal if the unit gets warm while the USB port is in use and charging your smart phone or portable device.
3.) Do not charge your smart phone over 12 hours continuously. Disconnect your smart phone or other portable device from the USB cord once it is fully charged.

## CARE AND MAINTENANCE

1. If the cabinet becomes dusty, wipe the exterior with a soft dust cloth only. Never use dusting sprays or polishes on the cabinet.
2. If the cabinet becomes dirty or smudged with fingerprints it may be wiped with a soft cloth that has been slightly dampened with a mild soap and water solution.
3. To prevent fire or shock hazard, always disconnect the power cord from the AC outlet before cleaning.

**CAUTION:** Never allow any water or other liquids to get inside the unit while cleaning

**Note:**
If this unit is operated without a back-up battery inserted, you will need to reprogram the clock, the alarms and the FM radio station presets if the power is interrupted or if there's a power outage.

## TROUBLESHOOTING GUIDE

If you experience difficulties in the use of this music system, please check the following or call 1-800-777-5331 for Customer Service.

| Symptom | Possible Cause | Solution |
|---|---|---|
| The unit does not respond (no power) | The unit is disconnected from the AC outlet. | Reconnect to the AC outlet. |
| | The AC outlet has not power. | Try the unit on another outlet. |
| Unit is ON but there is low or no volume | Volume set too low. | Press the 🔊 button on main unit to turn the sound level up. |
| Noise or sound distorted on FM broadcast | Station not tuned properly.<br>FM wire antenna is not fully extended. | Fine tune the FM broadcast station.<br>Fully extend the FM wire antenna. |
| Sound is distorted | Volume level is set too high. | Decrease the volume. |
| Unit gets warm after extended play at high volume | This is normal. | Turn the unit off for a period of time or lower volume |

## SPECIFICATIONS

**Power requirement:**
AC adaptor for main unit: AC input: 120V ~ 60Hz
DC output: 5V ⎓ 2000 mA
Battery Backup for Clock: 1 x 3V ⎓ CR2032 Lithium Battery

**Frequency Range**
Radio Band: FM 87.5 ~ 108 MHz
USB Charging: DC 5V ⎓ , 1A

SPECTRA® green

At Spectra, environmental and social responsibility is a core value of our business. We are dedicated to continuous implementation of responsible initiatives with an aim to conserve and maintain the environment through responsible recycling.

Please visit us at http://www.spectraintl.com/green.htm for more information on Spectra's green initiatives or to find a recycler in your area.

## 1 YEAR LIMITED WARRANTY AND SERVICE VALID IN THE U.S.A. ONLY

SPECTRA MERCHANDISING INTERNATIONAL, INC. warrants this unit to be free from defective materials or factory workmanship for a period of 1 year from the from the date of original customer purchase and provided the product is utilized within the U.S.A. This warranty is not assignable or transferable. Our obligation under this warranty is the repair or replacement of the defective unit or any part thereof, except batteries, when it is returned to the SPECTRA Service Department, accompanied by proof of the date of original consumer purchase, such as a duplicate copy of a sales receipt.

You must pay all shipping charges required to ship the product to SPECTRA for warranty service. If the product is repaired or replaced under warranty, the return charges will be at SPECTRA's expense. There are no other express warranties other than those stated herein.

This warranty is valid only in accordance with the conditions set forth below:

1. The warranty applies to the SPECTRA product only while:
   a. It remains in the possession of the original purchaser and proof of purchase is demonstrated.
   b. It has not been subjected to accident, misuse, abuse, improper service, usage outside the descriptions and warnings covered within the user manual or non-SPECTRA approved modifications.
   c. Claims are made within the warranty period.
2. This warranty does not cover damage or equipment failure caused by electrical wiring not in compliance with electrical codes or SPECTRA user manual specifications, or failure to provide reasonable care and necessary maintenance as outlined in the user manual.
3. Warranty of all SPECTRA products applies to residential use only and is void when products are used in a nonresidential environment or installed outside the United States.

This warranty gives you specific legal rights, and you may also have other rights which vary from state to state. TO OBTAIN SERVICE please remove all batteries (if any) and pack the unit carefully and send it freight prepaid to SPECTRA at the address shown below. IF THE UNIT IS RETURNED WITHIN THE WARRANTY PERIOD shown above, please include a proof of purchase (dated cash register receipt) so that we may establish your eligibility for warranty service and repair of the unit without cost. Also include a note with a description explaining how the unit is defective. A customer service representative may need to contact you regarding the status of your repair, so please include your name, address, phone number and email address to expedite the process.

It is recommended that you contact SPECTRA first at 1-800-777-5331 or by email at custserv@spectraintl.com for updated information on the unit requiring service. In some cases the model you have may be discontinued, and SPECTRA reserves the right to offer alternative options for repair or replacement.

SPECTRA MERCHANDISING INTERNATIONAL, INC.
4230 North Normandy Avenue,
Chicago, IL 60634, USA.
1-800-777-5331

To register your product, visit the link on the website below to enter your information.
http://www.spectraintl.com/wform.htm

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