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Jensen JCR-206

JENSEN JCR-206 Digital AM/FM Dual Alarm Clock Radio User Manual

Model: JCR-206

1. Introduction

Thank you for purchasing the JENSEN JCR-206 Digital AM/FM Dual Alarm Clock Radio. This device combines a digital clock with a large LED display, AM/FM radio, and dual alarm functionality. It also features an auxiliary input for connecting external audio devices. This manual provides detailed instructions for the proper setup, operation, and maintenance of your new clock radio.

2. Safety Information

Please read these safety instructions carefully before operating the unit and retain them for future reference. Following these guidelines will help ensure safe operation and prevent damage to the device.

- Do not expose this unit to rain or moisture.
- Do not block any ventilation openings.
- Ensure the power adapter is easily accessible.
- Use only the power adapter supplied with the unit.
- Do not place the unit near heat sources such as radiators, heat registers, stoves, or other apparatus (including amplifiers) that produce heat.
- Clean only with a dry cloth.
- Refer all servicing to qualified service personnel.

3. Package Contents

Verify that all items listed below are included in your package:

- JENSEN JCR-206 Digital AM/FM Dual Alarm Clock Radio Unit
- AC Power Adapter
- User Manual (this document)

4. Product Overview: Controls and Indicators

Familiarize yourself with the various controls and indicators on your JCR-206 unit.



Figure 4.1: Front View with Labeled Features

This image displays the front of the JENSEN JCR-206 clock radio with key features labeled. Visible are the 1.8-inch green LED display, the JENSEN logo, the SNOOZE button, and indicators for PM, Alarm 1, Radio 1, Sleep, Alarm 2, and Radio 2. Labels point to the AM/FM Digital Tuner with 10AM + 10FM Presets, Wake to Radio or Alarm, 1.8" Green LED Display, and Built-in Speaker.



Figure 4.2: Top and Side Controls

This image shows a side-angle view of the JENSEN JCR-206, highlighting the control buttons located on the top panel. These buttons include controls for setting the clock, alarms, radio functions, and volume. The large SNOOZE button is prominently featured in the center.



Figure 4.3: Rear Panel Connections

This image displays the rear panel of the JENSEN JCR-206, showing the auxiliary input jack (AUX-IN) and the power adapter port. These connections allow for external audio device integration and power supply.

CONTROL BUTTON FUNCTIONS:

- **SNOOZE Button:** Temporarily silences the alarm for a short period.
- **TIME SET Button:** Used to set the current time.
- **ALARM 1/ALARM 2 Buttons:** Used to set and activate Alarm 1 and Alarm 2.
- **RADIO/ALARM Button:** Toggles between radio and alarm functions, and sets alarm source.
- **TUNING/HOUR/MINUTE Buttons:** Adjust radio frequency, hour, and minute settings.
- **VOLUME Buttons:** Adjust the audio output level.
- **SLEEP Button:** Activates the sleep timer function.
- **DIMMER Button:** Adjusts the brightness of the LED display.
- **AUX-IN Jack:** Connects external audio devices.

5. Setup

5.1 POWER CONNECTION

1. Plug the AC power adapter into the DC IN jack located on the back of the JCR-206 unit.
2. Plug the other end of the adapter into a standard 120V AC wall outlet.
3. The unit will power on, and the display will show a flashing time (e.g., 12:00 AM).

5.2 BATTERY BACKUP INSTALLATION

The JCR-206 requires 2 x 'AAA' batteries (not included) for battery backup. This feature ensures that your time and alarm settings are retained during a power outage.

1. Locate the battery compartment cover on the bottom of the unit.
2. Remove the cover by sliding it off.
3. Insert 2 'AAA' batteries, observing the correct polarity (+ and -) as indicated inside the compartment.
4. Replace the battery compartment cover.

Note: The battery backup only maintains time and alarm settings; it does not power the display or alarm functions during a power outage.

6. Operating Instructions

6.1 SETTING THE CLOCK

1. Press and hold the **TIME SET** button until the display flashes.
2. Press the **HOUR** button repeatedly to adjust the hour. Observe the PM indicator for correct AM/PM setting.
3. Press the **MINUTE** button repeatedly to adjust the minutes.
4. Press the **TIME SET** button again to confirm and save the time. The display will stop flashing.

6.2 SETTING ALARMS (ALARM 1 AND ALARM 2)

The JCR-206 features two independent alarms.

1. Press and hold the **ALARM 1** (or **ALARM 2**) button until the alarm time flashes on the display.
2. Press the **HOUR** button to set the desired alarm hour.
3. Press the **MINUTE** button to set the desired alarm minutes.
4. Press the **ALARM 1** (or **ALARM 2**) button again to select the alarm source:
 - **Buzzer:** An audible tone will sound.
 - **Radio:** The last tuned radio station will play.
5. Press the **ALARM 1** (or **ALARM 2**) button one more time to confirm and activate the alarm. The corresponding alarm indicator (e.g., **1** or **2**) will appear on the display.

6.3 DISABLING/ENABLING ALARMS

To disable an active alarm, press the corresponding **ALARM 1** or **ALARM 2** button until the alarm indicator disappears from the display. To re-enable, repeat the setting process.

6.4 SNOOZE FUNCTION

When an alarm sounds, press the large **SNOOZE** button to temporarily silence the alarm for approximately 9 minutes. The alarm will sound again after the snooze period.

6.5 SLEEP TIMER FUNCTION

The sleep timer allows you to fall asleep to the radio, which will automatically turn off after a set duration.

1. While the radio is playing, press the **SLEEP** button. The display will show the default sleep time (e.g., 90 minutes).
2. Press the **SLEEP** button repeatedly to cycle through available sleep times (e.g., 90, 60, 30, 15 minutes, OFF).
3. Release the button when your desired sleep time is displayed. The radio will play for the selected duration and then turn off automatically.

6.6 RADIO OPERATION (AM/FM)

1. Press the **POWER** button (if available, or **SOURCE** button) to turn on the radio.
2. Press the **AM/FM** button to select either AM or FM band.
3. **Manual Tuning:** Press the **TUNING UP** or **TUNING DOWN** buttons briefly to adjust the frequency step by step.
4. **Automatic Scan:** Press and hold the **TUNING UP** or **TUNING DOWN** buttons for a few seconds to automatically scan for the next available station.
5. **Setting Presets:**
 - Tune to your desired station.
 - Press and hold the **PRESET** button until the preset number flashes.
 - Use the **TUNING UP/DOWN** buttons to select the desired preset number (1-10 for AM, 1-10 for FM).

- Press the **PRESET** button again to save the station.

6. **Recalling Presets:** Briefly press the **PRESET** button to cycle through your saved stations.

6.7 AUXILIARY INPUT (AUX-IN)

The AUX-IN jack allows you to connect an external audio device (e.g., smartphone, MP3 player) to play audio through the JCR-206's speaker.

1. Connect one end of a 3.5mm audio cable (not included) to the headphone jack or line-out of your external audio device.
2. Connect the other end of the cable to the **AUX-IN** jack on the back of the JCR-206.
3. Press the **SOURCE** or **AUX** button on the JCR-206 to switch to AUX mode.
4. Start playing audio on your external device.
5. Adjust the volume using the **VOLUME** buttons on the JCR-206 and/or your external device.

6.8 DISPLAY DIMMER CONTROL

To adjust the brightness of the 1.8-inch green LED display, press the **DIMMER** button. Each press will cycle through high and low brightness settings.

7. Maintenance

7.1 CLEANING THE UNIT

To maintain the appearance of your JCR-206, follow these cleaning instructions:

- Unplug the unit from the power outlet before cleaning.
- Use a soft, dry cloth to wipe the exterior surfaces.
- Do not use abrasive cleaners, waxes, or solvents as they may damage the finish.
- For the display, use a soft, lint-free cloth. Avoid pressing hard on the display.

7.2 BATTERY REPLACEMENT

Replace the 'AAA' backup batteries annually or if you notice that time and settings are not retained during power interruptions.

8. Troubleshooting

If you experience issues with your JCR-206, refer to the following common problems and solutions.

Problem	Possible Cause	Solution
Unit does not power on.	Power adapter not connected or faulty.	Ensure the AC adapter is securely plugged into the unit and a working wall outlet. Try a different outlet.
Display is blank or flashing.	Power interruption; time needs to be set.	Set the current time as per Section 6.1. Check battery backup.
Alarm does not sound.	Alarm not set or disabled; volume too low.	Ensure the alarm is set and activated (indicator visible). Increase volume if alarm source is radio.

Problem	Possible Cause	Solution
Poor radio reception.	Antenna not extended or unit location.	Extend the FM wire antenna fully. For AM, rotate the unit for best reception. Move the unit away from other electronic devices.
No sound from AUX-IN.	Incorrect source selected; cable not connected; external device volume low.	Ensure AUX mode is selected. Check audio cable connection. Increase volume on both the JCR-206 and the external device.
Unit freezes or becomes unresponsive.	Temporary software glitch.	Unplug the unit from the power outlet for a few minutes, then plug it back in. This will reset the unit. You may need to reset the time and alarms.

9. Specifications

Technical specifications for the JENSEN JCR-206 Digital AM/FM Dual Alarm Clock Radio.

- **Model:** JCR-206
- **Display:** 1.8-inch Green LED
- **Tuner:** AM/FM Digital PLL Tuning
- **Presets:** 10 AM + 10 FM Station Presets
- **Alarms:** Dual Alarm (Wake to Radio or Buzzer)
- **Connectivity:** Auxiliary Input Jack (3.5mm)
- **Power:** 120V AC Adaptor (Included)
- **Battery Backup:** 2 x 'AAA' Batteries (UM-4) (Not included)
- **Dimensions:** Approximately 8.23 x 5.12 x 2.68 inches
- **Weight:** Approximately 15.5 ounces

10. Warranty and Support

For warranty information or technical support, please refer to the documentation provided with your purchase or visit the official Jensen website. Keep your proof of purchase for warranty claims.

Related Documents - JCR-206

 <p>MODEL: JCR-206 USER MANUAL PLEASE READ THIS USER MANUAL COMPLETELY BEFORE OPERATING THIS UNIT. KEEP THIS MANUAL FOR FUTURE REFERENCE.</p>	<p>Jensen JCR-206 Digital AM/FM Dual Alarm Clock Radio User Manual</p> <p>User manual for the Jensen JCR-206 Digital AM/FM Dual Alarm Clock Radio, covering setup, operation, safety instructions, troubleshooting, and warranty information.</p>
 <p>MODEL: JCR-228 USER MANUAL PLEASE READ THIS USER MANUAL COMPLETELY BEFORE OPERATING THIS UNIT. KEEP THIS MANUAL FOR FUTURE REFERENCE.</p>	<p>Jensen JCR-228 Digital Bluetooth AM/FM Dual Alarm Clock Radio User Manual</p> <p>Comprehensive user manual for the Jensen JCR-228 Digital Bluetooth AM/FM Dual Alarm Clock Radio. This guide covers setup, safety instructions, operation of radio, Bluetooth, alarms, auxiliary input, sleep timer, specifications, troubleshooting, and warranty information.</p>
 <p>MODEL: JCR-370 USER MANUAL PLEASE READ THIS USER MANUAL COMPLETELY BEFORE OPERATING THIS UNIT. KEEP THIS MANUAL FOR FUTURE REFERENCE.</p>	<p>Jensen JCR-370 Mood Lamp Digital Dual Alarm Clock Radio User Manual</p> <p>Discover the Jensen JCR-370 Mood Lamp Digital Dual Alarm Clock Radio. This user manual details setup, dual alarms, mood lighting, FM radio, nature sounds, AUX input, and USB charging for optimal use.</p>
 <p>MODEL: JCR-230 USER MANUAL PLEASE READ THIS USER MANUAL COMPLETELY BEFORE OPERATING THIS UNIT. KEEP THIS MANUAL FOR FUTURE REFERENCE.</p>	<p>Jensen JCR-230 Dual Alarm Clock Radio with Auto Time Set User Manual</p> <p>Comprehensive user manual for the Jensen JCR-230 Dual Alarm Clock Radio with Auto Time Set. Learn about setup, operation, safety instructions, features, troubleshooting, and warranty.</p>
 <p>MODEL: JCR-231 USER MANUAL PLEASE READ THIS USER MANUAL COMPLETELY BEFORE OPERATING THIS UNIT. KEEP THIS MANUAL FOR FUTURE REFERENCE.</p>	<p>Jensen JCR-231 Digital AM/FM Dual Alarm Clock Radio with Wave Sensor User Manual</p> <p>Comprehensive user manual for the Jensen JCR-231 digital AM/FM dual alarm clock radio with wave sensor, covering setup, operation, safety instructions, troubleshooting, and warranty information.</p>
 <p>MODEL: JCR-255 USER MANUAL PLEASE READ THIS USER MANUAL COMPLETELY BEFORE OPERATING THIS UNIT. KEEP THIS MANUAL FOR FUTURE REFERENCE.</p>	<p>Jensen JCR-255 AM/FM Digital Dual Alarm Clock Radio with Under Pillow Vibrator User Manual</p> <p>Comprehensive user manual for the Jensen JCR-255 AM/FM Digital Dual Alarm Clock Radio with Under Pillow Vibrator, covering setup, operation, safety, and troubleshooting.</p>

