Emerson ER100202

Emerson ER100202 Smartset Dual Alarm Clock Radio

User Instruction Manual

Introduction

Thank you for purchasing the Emerson ER100202 Smartset Dual Alarm Clock Radio. This device combines a versatile alarm clock with modern charging capabilities and audio features, designed to enhance your daily routine. Please read this manual carefully to ensure proper operation and to fully utilize all features.



Figure 1: The Emerson ER100202 Smartset Dual Alarm Clock Radio, demonstrating its wireless and wired charging capabilities.

Setup

1. Power Connection

Connect the AC power adapter to the DC input jack located on the back of the unit, then plug the adapter into a standard 120V AC wall outlet. The unit will power on automatically.

2. Automatic Time Setting (Smart Set)

The patented Smart Set system automatically sets the correct year, month, date, day, and time as soon as the unit is plugged in. This feature also restores the correct time after any power interruption.

3. Battery Backup

The clock includes a button cell battery (pre-installed) that maintains time and alarm settings during a power outage. No user action is required for this feature.

4. FM Antenna

For optimal FM radio reception, fully extend the built-in FM wire antenna located at the back of the unit. Adjust its position for the best signal.

Operating Instructions

1. Time and Date Adjustment

While the time is automatically set, you can manually adjust it if needed:

- Press and hold the **CLOCK SET** button. The hour digits will flash.
- Use the **TUNE+** or **TUNE-** buttons to adjust the hour.
- Press **CLOCK SET** again to set the minutes, then use **TUNE+** or **TUNE-**.
- Repeat for year, month, and date. Press **CLOCK SET** to confirm each setting.
- To display the month/date, briefly press the **MONTH/DATE** button.

2. Alarm Settings

The unit features dual alarms (AL1 and AL2).

- Press and hold **AL1** or **AL2**. The alarm time will flash.
- Use **TUNE+** or **TUNE-** to set the desired alarm time.
- Press **AL1** or **AL2** again to select the alarm source (Radio or Buzzer).
- Press **AL1** or **AL2** again to select the alarm mode: **Every Day**, **Weekdays Only**, or **Weekends Only**.
- To activate/deactivate an alarm, briefly press **AL1** or **AL2**. The alarm indicator will appear/disappear on the display.

3. Radio Operation

- Press the **ON/OFF** button to turn on the radio.
- Press the **MODE** button to select FM radio.
- Use **TUNE+** or **TUNE-** to manually tune to a station. Press and hold for auto-scan.
- To save a station: Tune to the desired station, press and hold **MEM** until the preset number flashes, then use **TUNE+** or **TUNE-** to select a preset number. Press **MEM** again to confirm.
- To recall a saved station: Briefly press **MEM**, then use **TUNE+** or **TUNE-** to select the preset number.

4. Bluetooth Pairing

The unit features Bluetooth 5.0 technology for wireless audio streaming.

- Press the **ON/OFF** button to turn on the unit.
- Press the **MODE** button to select Bluetooth mode. The Bluetooth indicator will flash.
- Enable Bluetooth on your mobile device and search for “Emerson ER100202”.
- Select the device to pair. Once paired, the Bluetooth indicator will stop flashing and remain solid.
- You can now play audio from your device through the clock radio.



Figure 2: The clock radio connected via Bluetooth to a smartphone.

5. Wireless (Qi) Charging

Place your Qi-compatible smartphone directly on the wireless charging pad located on top of the unit. Ensure the phone is centered on the pad for optimal charging. The charging indicator on the display will illuminate when charging is active.



Figure 3: Top view of the clock radio showing the Qi wireless charging pad.

6. USB Charging

A convenient USB charging port (2.1A 5V) is located on the back of the unit. Connect your mobile device using its USB charging cable to this port to charge it.

7. Display Dimmer

Press the **DIM** button repeatedly to cycle through 4 brightness levels for the Aqua LED display, allowing you to adjust it to your preference, especially for nighttime viewing.

8. Sleep Timer

The sleep timer allows you to fall asleep to music or radio, which will automatically turn off after a set period. Press the **SLEEP** button repeatedly to select the desired sleep time (e.g., 15, 30, 60, 90 minutes).

9. Snooze/Repeat Alarm

When the alarm sounds, press the large **SNOOZE** button on top of the unit to temporarily silence the alarm for a few minutes. The alarm will sound again after the snooze period.

10. Volume Controls

Use the **VOL+** and **VOL-** buttons to adjust the audio volume for radio, Bluetooth, or AUX input.

11. AUX-in Input

Connect an external audio device (e.g., MP3 player) to the **AUX-IN** jack on the back of the unit using a 3.5mm audio cable. Press the **MODE** button to select AUX mode to play audio from the connected device.

Maintenance

Cleaning

To clean the unit, use a soft, dry cloth. Do not use abrasive cleaners, waxes, or solvents as they may damage the surface. Ensure the unit is unplugged before cleaning.

Battery Replacement

The pre-installed button cell battery (CR2032) provides backup for time and alarm settings. If the time and alarm settings are lost during a power interruption, the battery may need replacement. Consult a qualified technician for battery replacement.

Troubleshooting

Problem	Possible Cause	Solution
Unit does not power on.	Power adapter not connected or outlet is not active.	Ensure the power adapter is securely plugged into the unit and a working wall outlet.
Time is incorrect.	Smart Set feature may need a moment to synchronize, or manual adjustment is required.	Allow a few minutes for the Smart Set feature to automatically set the time. If still incorrect, follow the manual time adjustment steps.
Alarm does not sound.	Alarm is not activated, volume is too low, or incorrect alarm mode selected.	Ensure the alarm indicator (AL1 or AL2) is visible on the display. Increase the volume. Verify the alarm mode (Every Day, Weekdays, Weekends) is set correctly.
Poor FM radio reception.	FM antenna not extended or positioned correctly.	Fully extend the FM wire antenna and adjust its position for better reception.
Wireless charging not working.	Phone not Qi-compatible, not centered on pad, or phone case is too thick.	Ensure your phone supports Qi wireless charging. Reposition the phone on the charging pad. Remove thick phone cases.
Bluetooth pairing fails.	Unit not in pairing mode, or device is too far.	Ensure the unit is in Bluetooth mode and the indicator is flashing. Move your device closer to the clock radio.

Specifications

- **Brand:** Emerson
- **Model:** ER100202
- **Color:** Silver
- **Display Type:** Digital, 1.4-inch Aqua LED
- **Product Dimensions:** 4"W x 3.5"H (approximate)
- **Power Source:** Corded Electric
- **Wireless Charging:** Qi-compatible, up to 10W
- **USB Charging Port:** 2.1A 5V
- **Bluetooth Version:** 5.0

- **Radio:** Digital Tuning PLL FM Radio, 20 Station Memories
- **Alarm Features:** Dual Alarm, Crescendo Wakeup Control, Snooze/Repeat Alarm, 3 Alarm Modes (Every Day, Weekdays Only, Weekends Only)
- **Time Setting:** Patented Smart Set Automatic Time Setting System
- **Battery Backup:** Button Cell Battery (included) for time & alarm settings
- **Additional Features:** 4-level Display Dimmer, Programmable Sleep-to-Music Timer, AUX-in Input
- **Material:** Plastic
- **Item Weight:** 1.5 pounds
- **Country of Origin:** China

Warranty and Support

This product is covered by a **90-day warranty** from the date of purchase with valid proof of purchase. For technical support or warranty claims, please refer to the contact information provided with your product packaging or visit the official Emerson website.
A detailed User Manual in PDF format may also be available for download from the manufacturer's website or via this link: Emerson ER100202 User Manual (PDF)

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