

## Roxel RDR-80

# Roxel RDR-80 Digital Radio User Manual

Model: RDR-80 | Brand: Roxel

### INTRODUCTION

Thank you for purchasing the Roxel RDR-80 Digital Radio. This manual provides essential information for setting up, operating, and maintaining your device. Please read it thoroughly before use to ensure optimal performance and safety.

### IMPORTANT SAFETY INFORMATION

- Do not expose the unit to rain or moisture.
- Do not disassemble the unit. Refer servicing to qualified personnel.
- Ensure proper ventilation around the unit.
- Use only the provided power adapter.
- Keep away from heat sources and direct sunlight.

### PACKAGE CONTENTS

- Roxel RDR-80 Digital Radio
- Power Adapter (UK plug)
- User Manual

### PRODUCT OVERVIEW



**Front Angled View:** Shows the overall design of the Roxel RDR-80 radio, featuring its white and cappuccino color scheme, dual speakers, central display, and top-mounted controls with a carry handle.



**Front View:** A direct front view highlighting the 2.4-inch TFT color display, the Roxel branding, and the two speaker grilles. The display shows DAB radio information.



**Rear View:** Displays the back panel of the radio, showing the extendable antenna, USB port, Micro SD card slot, 3.5mm AUX input, and the power input port. This view also shows the rear bass ports.



WHITE / CAPPUCCINO



BLACK / WALNUT



**Color Options:** The Roxel RDR-80 is available in White/Cappuccino and Black/Walnut finishes, offering aesthetic versatility.

## Controls and Ports

- **Power/Volume Knob:** Located on the top, used to turn the unit on/off and adjust volume.

- **Mode Button:** Switches between DAB, FM, Bluetooth, USB, and TF card modes.
- **Preset Buttons (P1-P4):** Quick access to stored radio stations.
- **Navigation Buttons:** Used for menu navigation and station tuning.
- **Display:** 2.4-inch TFT color screen for information display.
- **USB Port:** For playing MP3 files from a USB drive.
- **TF Card Slot:** For playing MP3 files from a Micro SD card.
- **AUX Input (3.5mm):** Connect external audio devices.
- **Headphone Jack (3.5mm):** For private listening.
- **DC IN:** Power input for the included adapter.
- **Telescopic Antenna:** For optimal radio reception.

## INITIAL SETUP

1. **Power Connection:** Connect the provided power adapter to the DC IN port on the back of the radio and plug it into a wall outlet. Alternatively, ensure the internal battery is charged for portable use.
2. **Antenna:** Fully extend the telescopic antenna for best radio reception.
3. **First Power On:** Press the Power/Volume knob to turn on the radio. The unit will automatically scan for available DAB/DAB+ stations and set the time and date. This process may take a few minutes.
4. **Language Selection (if prompted):** If prompted, use the navigation buttons to select your preferred language and confirm.

*Note: For optimal battery life, fully charge the unit before first use. The radio can operate for up to 12 hours on a single charge.*

## OPERATING INSTRUCTIONS



The Roxel RDR-80 is packed with multiple functions including USB, Micro SD, Bluetooth, DAB/DAB+ radio, and a 2.4" TFT screen.

### 1. Radio Mode (DAB/DAB+ and FM)

1. **Switching Modes:** Press the **Mode** button repeatedly to cycle between DAB, FM, Bluetooth, USB, and TF Card modes.
2. **DAB/DAB+ Radio:**
  - After initial setup, the radio will automatically scan for DAB/DAB+ stations.
  - Use the navigation buttons to browse through the available stations.
  - Press the **Enter** button to select a station.
  - **Storing Presets:** To save a station, press and hold one of the **P1-P4** preset buttons until "Preset Saved" appears. You can store up to 20 DAB stations.
  - **Recalling Presets:** Briefly press the desired **P1-P4** button to recall a saved station.
3. **FM Radio:**
  - In FM mode, use the navigation buttons to manually tune to a frequency.
  - Press and hold the navigation buttons to auto-scan for the next available station.
  - **Storing Presets:** Similar to DAB, press and hold a **P1-P4** button to save the current FM station. You can store up to 20 FM stations.
  - **Recalling Presets:** Briefly press the desired **P1-P4** button.

## 2. Bluetooth Mode

1. Press the **Mode** button to select Bluetooth mode. The display will show "Bluetooth Pairing" or similar.
2. On your Bluetooth-enabled device (smartphone, tablet, etc.), search for "Roxel RDR-80" in the Bluetooth settings.
3. Select "Roxel RDR-80" to pair. Once connected, you will hear a confirmation sound, and the display will indicate a successful connection.
4. You can now stream audio from your device to the Roxel RDR-80.

## 3. USB / TF Card Playback

1. Insert a USB flash drive into the USB port or a Micro SD (TF) card into the TF card slot on the back of the radio.
2. Press the **Mode** button to select USB or TF Card mode. The radio will automatically detect and begin playing MP3 files.
3. Use the navigation buttons to skip tracks or pause/play.
4. *Note: The RDR-80 supports MP3 files and plays them in a flat list. It does not support browsing by album, artist, or folder structure.*

## 4. Alarm Clock Function

1. **Setting Alarm:**
  - Press the **Alarm** button (if available, or navigate through menu).
  - Use navigation buttons to set the alarm time (hour and minute).
  - Select the alarm source: DAB radio, FM radio, or Buzzer.
  - Choose the alarm frequency: Once, Daily, Weekdays, or Weekends.
  - Confirm settings to activate the alarm.
2. **Snooze/Stop Alarm:** When the alarm sounds, press any button (except power) to snooze, or press the Power button to turn off the alarm.





The Roxel RDR-80 can function as a bedside alarm clock, waking you up with your preferred radio station or a buzzer.

## 5. Sleep Timer Function

1. Press the **Sleep** button (or navigate through menu).
2. Use navigation buttons to select the desired sleep timer duration (e.g., 15, 30, 60, 90 minutes).
3. The radio will automatically turn off after the selected time.

## 6. Portable Use

The Roxel RDR-80 features a built-in rechargeable battery, providing up to 12 hours of playback on a single charge, making it ideal for use around the home, garden, or during outdoor activities.



Enjoy your favorite audio during indoor or outdoor activities like yoga, thanks to the radio's portability.



The compact design and convenient carry handle make the RDR-80 an ideal companion for picnics or outdoor relaxation.

## 7. Private Listening (Headphones)

- Plug any standard 3.5mm headphones into the headphone jack on the back of the unit.
- The internal speakers will automatically mute, allowing for private listening.

## MAINTENANCE

- **Cleaning:** Use a soft, dry cloth to clean the exterior of the radio. Do not use abrasive cleaners or solvents.
- **Storage:** If storing the radio for an extended period, ensure the battery is partially charged and store it in a cool, dry place.
- **Battery Care:** To prolong battery life, avoid fully discharging the battery frequently. Recharge it regularly.

## TROUBLESHOOTING

Problem	Possible Cause / Solution
No power / Unit does not turn on.	<ul style="list-style-type: none"><li>• Ensure the power adapter is securely connected to both the radio and the wall outlet.</li><li>• Check if the wall outlet is functioning.</li><li>• The internal battery might be fully discharged. Charge the unit for at least 30 minutes before attempting to turn it on.</li></ul>
Poor radio reception (DAB/FM).	<ul style="list-style-type: none"><li>• Fully extend the telescopic antenna.</li><li>• Relocate the radio to an area with better signal reception.</li><li>• Perform a full scan for DAB stations again.</li><li>• Interference from other electronic devices might be present. Move the radio away from them.</li></ul>
Bluetooth pairing issues.	<ul style="list-style-type: none"><li>• Ensure the radio is in Bluetooth mode.</li><li>• Make sure Bluetooth is enabled on your device.</li><li>• Move your device closer to the radio (within 10 meters).</li><li>• Forget "Roxel RDR-80" from your device's Bluetooth list and try pairing again.</li><li>• Ensure no other device is currently connected to the radio.</li></ul>
USB/TF card playback not working.	<ul style="list-style-type: none"><li>• Ensure the USB drive or TF card is inserted correctly.</li><li>• Verify that the audio files are in MP3 format.</li><li>• The radio only supports a flat list of MP3 files; it does not support folder browsing.</li><li>• Try a different USB drive or TF card.</li></ul>



Problem	Possible Cause / Solution
Alarm not sounding.	<ul style="list-style-type: none"><li>• Check if the alarm is enabled and set correctly.</li><li>• Ensure the volume is not set to zero.</li><li>• Verify the alarm frequency (e.g., not set for weekdays if it's a weekend).</li></ul>

### SPECIFICATIONS

Brand	Roxel
Model Number	RDR-80
Color	White and Cappuccino
Connectivity Technology	Bluetooth (BT V5.0)
Special Features	FM Radio, 12-hour Playtime, DAB/DAB+ Radio, 2.4" TFT Color Screen, Portable Speaker/Radio, USB/TF Card Playback, Alarm Clock, Sleep Timer, Headphone Jack
Material	Plastic
Compatible Devices	iOS devices, Android devices, Computers
Rechargeable Battery	Yes
Product Dimensions	26 cm (L) x 10 cm (W) x 6 cm (H)
Tuning Technology	DAB+/FM
Power Source	Battery Powered / Mains Powered (via adapter)
Supported Radio Bands	FM/DAB/DAB+
Included Components	Power Adapter, User Manual

### WARRANTY AND SUPPORT

Roxel products are designed for reliability and performance. For warranty information or technical support, please refer to the contact details provided with your purchase documentation or visit the official Roxel website. Keep your proof of purchase for warranty claims.

For further assistance, please contact Roxel customer service.

