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› [Roadstar CLR-2477 Digital FM Alarm Clock Radio User Manual](#)

## Roadstar CLR-2477

# Roadstar CLR-2477 Digital FM Alarm Clock Radio User Manual

Model: CLR-2477 | Brand: Roadstar

## 1. IMPORTANT SAFETY INFORMATION

Please read these instructions carefully before using the device and retain them for future reference. Incorrect use may result in electric shock, fire, or other hazards.

- Do not expose this appliance to rain or moisture.
- Do not block any ventilation openings. Install in accordance with the manufacturer's instructions.
- Do not install near any heat sources such as radiators, heat registers, stoves, or other apparatus (including amplifiers) that produce heat.
- Protect the power cord from being walked on or pinched, particularly at plugs, convenience receptacles, and the point where they exit from the appliance.
- Only use attachments/accessories specified by the manufacturer.
- Unplug this appliance during lightning storms or when unused for long periods of time.
- Refer all servicing to qualified service personnel. Servicing is required when the apparatus has been damaged in any way.
- The backup battery (CR-2032, not included) should be replaced by an adult. Keep batteries out of reach of children.

## 2. PACKAGE CONTENTS

Ensure all items are present upon unpacking:

- Roadstar CLR-2477 Digital FM Alarm Clock Radio
- AC Power Adapter (integrated or separate, depending on region)
- User Manual (this document)

### 3. PRODUCT OVERVIEW

Familiarize yourself with the main components and controls of your Roadstar CLR-2477.

#### Front View and Display



The front features a clear, large LCD display with white illuminated digits, showing the current time and alarm status (AL1, AL2).

#### Top Controls



The top panel houses all operational buttons for tuning, time setting, volume, and alarm control.

- **TUNING ▼/▲:** Adjusts radio frequency.

- **PRESET**: Saves and recalls radio stations.
- **HOUR / MIN / TIME** Sets the clock time.
- **VOLUME -/+**: Adjusts audio volume.
- **POWER**: Turns the unit on/off.
- **AL.OFF**: Deactivates active alarms.
- **AL.1 / AL.2**: Sets and activates Alarm 1 and Alarm 2.
- **SNOOZE / SLEEP**: Activates snooze function or sets sleep timer.

## Rear USB Port



A USB port is located on the rear for charging external devices.

## 4. SETUP

### 4.1 Power Connection

1. Connect the AC power adapter to the DC IN jack on the back of the unit.
2. Plug the other end of the adapter into a standard AC wall outlet (230V AC ~ 50Hz).
3. The display will light up, indicating the unit is powered.

### 4.2 Installing the Backup Battery

A CR-2032 lithium battery (not included) can be installed to provide backup power for time and alarm settings during a power outage.

1. Locate the battery compartment on the bottom of the unit.
2. Open the battery compartment cover.
3. Insert one CR-2032 battery, ensuring the correct polarity (+/-).
4. Close the battery compartment cover securely.

### 4.3 Setting the Clock Time

1. With the unit powered on, press and hold the **TIME** button until the hour digits begin to flash.
2. Press the **HOUR** button repeatedly to set the correct hour.
3. Press the **MIN** button repeatedly to set the correct minute.
4. Press the **TIME** button again to confirm and save the setting. The digits will stop flashing.

## 5. OPERATING INSTRUCTIONS

## 5.1 FM Radio Operation

1. Press the **POWER** button to turn on the radio.
2. Press the **TUNING ▼/▲** buttons to manually tune to your desired FM station. Press and hold for automatic scanning.
3. Adjust the volume using the **VOLUME -/+** buttons.

### Saving and Recalling Presets

1. Tune to the desired station.
2. Press and hold the **PRESET** button until a preset number (P01-P20) flashes on the display.
3. Use the **TUNING ▼/▲** buttons to select the desired preset number.
4. Press the **PRESET** button again to confirm and save the station.
5. To recall a saved station, briefly press the **PRESET** button and then use **TUNING ▼/▲** to cycle through the saved presets.

## 5.2 Setting the Alarms (AL.1 / AL.2)

The unit features two independent alarms.

1. Press and hold the **AL.1** or **AL.2** button until the hour digits for that alarm begin to flash.
2. Press the **HOUR** button repeatedly to set the desired alarm hour.
3. Press the **MIN** button repeatedly to set the desired alarm minute.
4. Press the **AL.1** or **AL.2** button again to confirm the time.
5. After setting the time, the display will show options for the alarm source (e.g., "BU" for Buzzer, "RD" for Radio). Use the **TUNING ▼/▲** buttons to select your preferred alarm source.
6. Press the **AL.1** or **AL.2** button one more time to confirm the alarm source and activate the alarm. The corresponding alarm indicator (AL1 or AL2) will appear on the display.

### Deactivating an Alarm

To turn off an active alarm, press the **AL.OFF** button. The alarm will be reset for the next day.

## 5.3 Snooze Function

When an alarm sounds, press the **SNOOZE/SLEEP** button to temporarily silence it. The alarm will sound again after approximately 9 minutes.

## 5.4 Sleep Timer

The sleep timer allows the radio to play for a set duration before automatically turning off.

1. With the radio playing, press the **SNOOZE/SLEEP** button repeatedly to cycle through the available sleep timer durations (e.g., 90, 60, 30, 15 minutes, or OFF).
2. The selected duration will be displayed briefly. The radio will automatically turn off after the set time.

## 5.5 USB Charging Port

The USB port on the rear of the unit provides a fast-charging output (1A rating) for compatible devices.

1. Connect your mobile phone, tablet, or other USB-powered device to the USB port using a compatible USB cable (not included).
2. The device will begin charging. The charging function operates independently of the radio or alarm functions.

## 6. MAINTENANCE

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Proper care ensures the longevity of your device.

- **Cleaning:** Use a soft, dry cloth to clean the exterior of the unit. Do not use abrasive cleaners, waxes, or solvents.
- **Liquids:** Keep the unit away from water and other liquids. If liquid spills onto the unit, unplug it immediately and contact qualified service personnel.
- **Storage:** If the unit is to be stored for an extended period, unplug it from the power outlet and remove the backup battery. Store in a cool, dry place.

## 7. TROUBLESHOOTING

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If you encounter issues, refer to the following common problems and solutions:

| Problem                  | Possible Cause   | Solution  |
|--------------------------|--|---|
| No power / Display off   | Power cord not connected; Power outlet not active; Power outage.     | Ensure power cord is securely plugged in; Check the power outlet with another device; If power outage, backup battery should maintain settings. |
| Alarm does not sound     | Alarm not activated; Alarm volume too low; Incorrect alarm time set. | Ensure AL1/AL2 indicator is on; Increase volume; Verify alarm time is correctly set.  |
| Poor FM radio reception  | Weak signal; Antenna not extended.                                   | Adjust the position of the unit; Fully extend the FM wire antenna (if applicable).  |
| USB charging not working | Device not compatible; Cable faulty; Unit not powered.               | Ensure device is compatible with 1A charging; Try a different USB cable; Ensure the alarm clock is connected to AC power.                       |

## 8. SPECIFICATIONS

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Detailed technical specifications for the Roadstar CLR-2477.



## ALARM

|              |               |
|--------------|---------------|
| Alarms       | 2x            |
| Alarm Sounds | Buzzer, Radio |
| Sleep Timer  | •             |

## TUNER

|                        |         |
|------------------------|---------|
| Tuner type             | Digital |
| Ranges (band)          | FM      |
| RDS system / Radiotext | -       |
| Preset stations        | 20      |
| Stereo / Mono selector | -       |
| Automatic tuning       | •       |
| Manual tuning          | •       |

## CONNECTIONS

|                |                         |
|----------------|-------------------------|
| Bluetooth      | -                       |
| USB Port       | Fast Charging 1A Rating |
| Card slot      | -                       |
| Aux in         | -                       |
| Line Out       | -                       |
| Headphones Out | -                       |

## AUDIO

|                         |                |
|-------------------------|----------------|
| Speaker system          | 1 speaker      |
| Total PMPO Output Power | 4 Watt         |
| Nominal Output Power    | 1x0.5 Watt RMS |
| Volume control          | Digital        |
| Present equaliser       | -              |

## GENERAL

|                        |                        |
|------------------------|------------------------|
| Accessories included   | -                      |
| Display / Illumination | LCD 0.6" White Display |
| Colour Version         | Black                  |
| Power supply           | 230V AC ~ 50Hz         |
| Battery Memory         | CR-2032 (not incl.)    |
| Weight                 | 0.21 Kg                |
| Dimensions (WxLxH)     | 156x76x50 mm           |

## COMMERCIAL

|                            |                |
|----------------------------|----------------|
| Container load 40'         | 25430 pcs      |
| Container load 20'         | 12390 pcs      |
| Shipping carton            | 10 pcs         |
| Gift Box size (WxLxH)      | 165x60x100 mm  |
| Shipping car. size (WxLxH) | 320x235x175 mm |

## EAN code

|          |               |
|----------|---------------|
| CLR-2477 | 7621800032980 |
|----------|---------------|

## Master Carton EAN code

|          |               |
|----------|---------------|
| CLR-2477 | 7621800054876 |
|----------|---------------|

Country of origin

P.R.C.



Roadstar Management SA  
Via Passeggiata, 7  
CH - 6883 Novazzano  
Switzerland  
[www.roadstar.com](http://www.roadstar.com)



CLR-2477

Visual representation of the product specifications.

- **Model:** CLR-2477
- **Brand:** Roadstar
- **Color:** Black
- **Display Type:** LCD (0.6" White Display)
- **Radio Tuner:** Digital FM
- **FM Presets:** 20 stations
- **Alarms:** 2 (Dual Alarm)
- **Alarm Sources:** Buzzer, FM Radio
- **Snooze Function:** Yes
- **Sleep Timer:** Yes (Programmable power off)
- **USB Port:** Fast Charging (1A Rating)
- **Audio Output:** 1 speaker, 4W PMPO, 1x0.5W RMS
- **Volume Control:** Digital
- **Power Source:** AC 230V ~ 50Hz
- **Backup Battery:** CR-2032 (not included)
- **Dimensions (WxLxH):** 156 x 76 x 50 mm

- **Weight:** 0.21 Kg

## 9. WARRANTY AND SUPPORT

Roadstar products are designed and manufactured to the highest quality standards. This product is covered by a manufacturer's warranty, the terms of which are detailed on the official Roadstar website or in separate warranty documentation provided with your purchase.

For technical support, service, or warranty claims, please refer to the contact information provided on the official Roadstar website or your local distributor's support channels.

**Online Support:** [www.roadstar.com](http://www.roadstar.com)

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### Related Documents - CLR-2477

|  |  |
|--|--|
| <br><b>CLR-2615</b><br>Digital FM Clock Radio<br>User manual<br>Bedienungsanleitung<br>Manuel d'instructions<br>Manuale d'istruzioni<br>Manual de instrucciones<br>Manual de instrucciones<br>Gebruiksaanwijzing<br><br><br>                           | <p><a href="#"><b>Roadstar CLR-2615 Digital FM Clock Radio User Manual</b></a></p> <p>Comprehensive user manual for the Roadstar CLR-2615 Digital FM Clock Radio, detailing its features, operation, setup, technical specifications, safety warnings, and warranty information.</p>   |
| <br><b>HIF-1996BT</b><br>User manual<br>Bedienungsanleitung<br>Manuel d'instructions<br>Manuale d'istruzioni<br>Manual de instrucciones<br>Manual de instrucciones<br>Gebruiksaanwijzing<br>Návod na použití<br><br><br>                              | <p><a href="#"><b>Roadstar HIF-1996BT User Manual</b></a></p> <p>Comprehensive user manual for the Roadstar HIF-1996BT music system, detailing controls, operations for radio, CD, tape, phono, USB, Bluetooth, and safety information.</p>  |
| <br><b>RCR-3025EBT</b><br>Portable Multiband Radio<br>User manual<br>Bedienungsanleitung<br>Manuel d'instructions<br>Manuale d'istruzioni<br>Manual de instrucciones<br>Manual de instrucciones<br>Gebruiksaanwijzing<br>Návod na použití<br><br><br> | <p><a href="#"><b>Roadstar RCR-3025EBT Portable Multiband Radio User Manual</b></a></p> <p>User manual for the Roadstar RCR-3025EBT Portable Multiband Radio. This document provides detailed information on the device's features, controls, and operation, including textual descriptions of diagrams and part identification.</p> |



RCR-3025EBT  
Portable Multiband Radio  
User manual  
Bedienungsanleitung  
Manuel d'instructions  
Manuale d'istruzioni  
Manual de instrucciones  
Manual de instrucciones  
Manual de instruções  
Навигация по устройству  
Навигация по устройству



#### [Roadstar RCR-3025EBT Portable Multiband Radio User Manual](#)

User manual for the Roadstar RCR-3025EBT Portable Multiband Radio. Features include FM, SW1, SW2, AM radio bands, MP3 playback via USB/SD card, and detailed control descriptions.



#### [Roadstar TRA-2989 Multiband Portable Radio User Manual](#)

Comprehensive user manual for the Roadstar TRA-2989 multiband portable radio, covering controls, operation, specifications, and disposal instructions.



RCR-779D+  
Portable Stereo System  
User manual  
Bedienungsanleitung  
Manuel d'instructions  
Manuale d'istruzioni  
Manual de instrucciones  
Manual de instrucciones  
Manual de instruções  
Навигация по устройству  
Навигация по устройству



#### [Roadstar RCR-779D+ Portable Stereo System User Manual and Diagram Guide](#)

User manual for the Roadstar RCR-779D+ Portable Stereo System. This document provides an overview, multilingual index, and detailed descriptions of product diagrams and controls. Note: Full manual content is locked.