

## Radioddity RD23

# Radioddity RD23 Portable Digital Radio User Manual

Model: RD23

## 1. INTRODUCTION

Thank you for purchasing the Radioddity RD23 Portable Digital Radio. This compact and versatile device offers high-quality audio reception for DAB, DAB+, and FM radio, along with Bluetooth connectivity for streaming and MP3 playback via USB or microSD. Designed for portability, the RD23 is an ideal companion for travel and outdoor activities. Please read this manual carefully to ensure proper use and to maximize your listening experience.

## 2. SAFETY INFORMATION

- **Water Exposure:** Do not expose the device to rain, moisture, or immerse it in water.
- **Heat Sources:** Keep the radio away from heat sources such as radiators, heat registers, stoves, or other apparatus (including amplifiers) that produce heat.
- **Ventilation:** Ensure proper ventilation. Do not block any ventilation openings.
- **Cleaning:** Clean only with a dry cloth. Avoid using liquid or aerosol cleaners.
- **Antenna Care:** The antenna is delicate, especially the top segment. Handle with care to prevent bending or breaking.
- **Battery Safety:** The device contains a built-in rechargeable Lithium-ion battery. Do not attempt to replace it yourself. Dispose of batteries according to local regulations.
- **Charging:** Use only the provided USB cable for charging. Do not use damaged cables or chargers.
- **Disassembly:** Do not attempt to disassemble or modify the radio. This will void the warranty and may cause damage or injury.

### 3. PACKAGE CONTENTS

Please check the package for the following items:

- Radioddity RD23 Portable Digital Radio
- USB Charging Cable
- User Manual (this document)

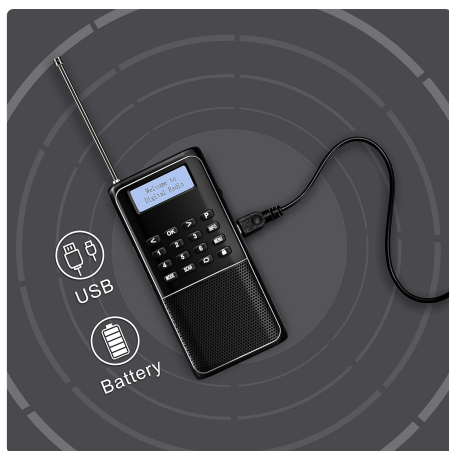
If any items are missing or damaged, please contact your retailer or Radioddity customer support.

### 4. PRODUCT OVERVIEW



**Figure 4.1: Compact Design**

The Radioddity RD23 is designed to be highly portable, fitting comfortably in the palm of your hand. Its small size makes it easy to carry for on-the-go listening.



**Figure 4.2: Top and Side Controls**

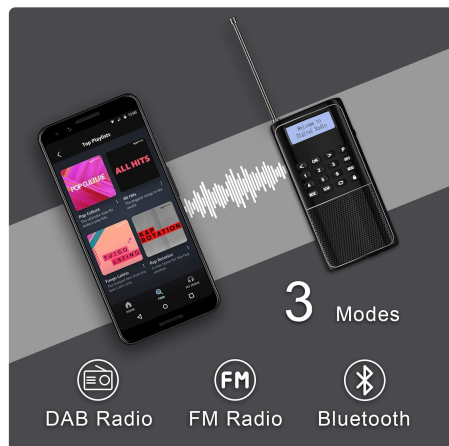
This image highlights the various ports and controls located on the top and side of the RD23 radio. These include the extendable antenna, 3.5mm headphone jack, power ON/OFF slide switch, USB port for MP3

playback from a USB stick, and a TF (microSD) card slot.



**Figure 4.3: Charging and Power**

The RD23 features a built-in rechargeable battery and can be charged via the included USB cable. This allows for convenient power replenishment from various USB power sources.



**Figure 4.4: Multiple Modes**

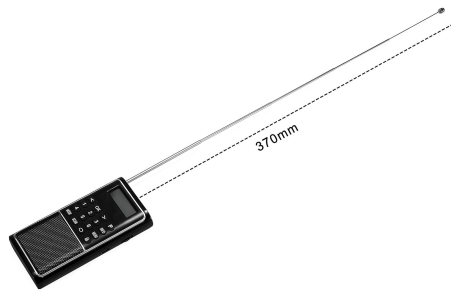
The RD23 supports multiple listening modes: DAB/DAB+ digital radio, FM analog radio, and Bluetooth for wireless audio streaming from a smartphone or other compatible device.



**Figure 4.5: Product Dimensions**

This image provides the precise dimensions of the RD23 radio, measuring approximately 106.6mm in length and 53.3mm in width,

emphasizing its compact form factor.



**Figure 4.6: Antenna Length**

The extendable antenna, crucial for optimal radio reception, can reach a length of 370mm when fully extended.

## 5. SETUP

### 5.1 Initial Charging

1. Locate the USB charging port on the side of the RD23 radio.
2. Connect the provided USB charging cable to the radio.
3. Plug the other end of the USB cable into a compatible USB power adapter (e.g., phone charger, computer USB port) or a power bank.
4. The charging indicator on the radio will illuminate. Allow the radio to charge fully before first use. A full charge typically takes a few hours.

### 5.2 Powering On/Off

- To turn on the radio, slide the ON/OFF switch located on the top of the device to the "ON" position.
- To turn off the radio, slide the ON/OFF switch to the "OFF" position.

### 5.3 Antenna Extension

For optimal radio reception (DAB/DAB+ and FM), fully extend the telescopic antenna. When not in use, retract the antenna to protect it.

## 6. OPERATING INSTRUCTIONS

### 6.1 Mode Selection

Press the **MODE** button to cycle through the available modes: DAB/DAB+, FM, Bluetooth, and MP3 (if USB or microSD is inserted).

### 6.2 DAB/DAB+ Radio Operation

1. Switch to DAB mode using the **MODE** button.

2. The radio will automatically scan for available DAB/DAB+ stations upon first use or if no stations are found. To initiate a manual scan, press the **SCAN** button.
3. Use the **<** and **>** buttons to navigate through the list of available stations.
4. Press **OK** to select a station.
5. To save a favorite station, press and hold one of the number buttons (1-6) until "Preset Saved" appears on the display. To recall a saved station, simply press the corresponding number button.
6. Press the **INFO** button to display additional information about the current broadcast, such as program type, signal strength, and time.

### 6.3 FM Radio Operation

1. Switch to FM mode using the **MODE** button.
2. To auto-scan and save FM stations, press the **SCAN** button. The radio will scan and store stations with strong signals.
3. To manually tune, use the **<** and **>** buttons to adjust the frequency. Press and hold these buttons for a quick scan to the next strong signal.
4. To save a favorite station, press and hold one of the number buttons (1-6) until "Preset Saved" appears on the display. To recall a saved station, simply press the corresponding number button.

### 6.4 Bluetooth Operation

1. Switch to Bluetooth mode using the **MODE** button. The display will show "Bluetooth" and the radio will enter pairing mode.
2. On your smartphone or other Bluetooth-enabled device, enable Bluetooth and search for available devices.
3. Select "RD23" from the list of devices to pair. Once connected, the radio will indicate a successful connection.
4. You can now play audio from your connected device through the RD23 radio. Use your connected device to control playback (play/pause, skip tracks) and volume.
5. *Note: The RD23 DAB radio cannot connect to Bluetooth headphones. It functions as a Bluetooth receiver only.*

### 6.5 MP3 Playback (USB/MicroSD)

1. Insert a USB flash drive or a microSD card (TF card) containing MP3 audio files into the respective slot on the radio.
2. Switch to MP3 mode using the **MODE** button. The radio will automatically detect and begin playing MP3 files.
3. Use the **<** and **>** buttons to skip between tracks.
4. Press **OK** to play or pause playback.

### 6.6 Volume Control

Adjust the volume using the rotary dial located on the side of the radio. Rotate clockwise to increase volume and counter-clockwise to decrease volume.

### 6.7 Headphone Use

Connect 3.5mm wired headphones to the headphone jack on the top of the radio for private listening. The internal speaker will be muted when headphones are connected.

## 7. BATTERY AND CHARGING

The Radioddity RD23 is equipped with a built-in 700mAh rechargeable Lithium-ion battery, providing extended listening time. When the battery level is low, the display may show a low battery indicator or the radio may automatically power off.

### 7.1 Charging Procedure

- Connect the radio to a USB power source using the supplied USB cable.
- The charging indicator will show the charging status.
- Once fully charged, disconnect the USB cable.

*Note: For optimal battery life, avoid completely draining the battery frequently and store the radio with some charge if not used for extended periods.*

## 8. MAINTENANCE

- **Cleaning:** Wipe the radio with a soft, dry, lint-free cloth. Do not use abrasive cleaners, waxes, or solvents.
- **Storage:** When not in use for a long period, store the radio in a cool, dry place, away from direct sunlight and extreme temperatures.
- **Antenna:** Always retract the antenna when carrying or storing the radio to prevent damage.
- **Battery:** Recharge the battery at least once every three months to maintain its health if the radio is not used regularly.

## 9. TROUBLESHOOTING

Problem	Possible Cause	Solution
Radio does not turn on.	Battery is depleted. Power switch is off.	Charge the radio using the USB cable. Ensure the ON/OFF switch is in the "ON" position.
Poor radio reception (DAB/FM).	Antenna not extended. Weak signal area. Interference.	Fully extend the telescopic antenna. Move to a location with better signal reception. Move away from other electronic devices that may cause interference.

Problem	Possible Cause	Solution
Bluetooth not connecting.	Radio not in Bluetooth mode. Device Bluetooth is off. Radio already connected to another device.	Press <b>MODE</b> to select Bluetooth mode. Ensure Bluetooth is enabled on your device. Disconnect from other devices or restart the radio.
No sound from MP3 playback.	No MP3 files on USB/microSD. Incorrect file format. Volume too low.	Ensure MP3 files are present on the storage device. Only MP3 format is supported. Increase the volume using the rotary dial.
Antenna is loose or broken.	Physical damage.	Handle the antenna with care. If broken, contact customer support for repair or replacement options.

## 10. SPECIFICATIONS

Feature	Detail
Brand	Radioddity
Model Number	RD23
Color	Black
Tuning Technology	DAB, DAB+, FM
Connectivity Technology	Bluetooth
Special Features	Lightweight, Portable, Rechargeable, Built-in Clock
Power Source	Battery Powered
Battery Type	Lithium-ion (700 mAh built-in)
Product Dimensions	11L x 3.2W x 7H centimeters
Supported Radio Bands	DAB, DAB+, FM
Included Components	Built-in 700 mAh rechargeable battery, USB cable

# 11. WARRANTY AND SUPPORT

Radioddity products are designed and manufactured to the highest quality standards. For information regarding warranty coverage, technical support, or service inquiries, please refer to the warranty card included with your product or visit the official Radioddity website.

**Online Support:** For the most up-to-date information, FAQs, and troubleshooting guides, please visit the Radioddity support page or contact their customer service directly.

**Contact Information:** Please refer to the packaging or official website for current contact details.

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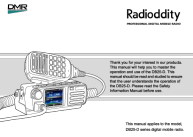
Documents - Radioddity – RD23



[\[pdf\]](#) User Manual Frequently Asked Questions Accessories  
RD23 test Raddy Manual 20210425 Amazon AWS 60×110mm 1 ON OFF Power switch turn on or off this radio 2 Earphone output jack Plug in earphone then the audio will transfer to radioddity s3 amazonaws  
|||  
NN **RD23** USE MANUAL Contents Overview Operation Instruction FM Radio DAB/DAB Radio System Setting Charging Method Precautions Technical Parameters Packing Accessories Frequently Asked Questions Inhalt berblick Beschreibung der Bedienelemente FM Radio DAB/DAB Radio Systemeinstellungen Ladung der...  
lang:en score:29 filesize: 9.27 M page\_count: 49 document date: 2021-01-07

## Related Documents

	<p><a href="#">Radioddity RF30 Portable Radio: User Manual, Features, and Operation Guide</a></p> <p>Comprehensive guide to the Radioddity RF30 full-band portable radio. Learn about FM, AM, SW reception, MP3 playback, Bluetooth connectivity, and digital recording features. Includes specifications and operating instructions.</p>
	<p><a href="#">Raddy RF31 Wide Frequency Receiver User Manual   Radioddity</a></p> <p>Comprehensive user manual for the Raddy RF31 digital wide frequency receiver, covering features, specifications, and operation for FM, MW, SW, AIR, CB, and VHF bands.</p>

	<p><a href="#">Radioddity RD-5R DMR Two Way Radio User Manual</a></p> <p>Comprehensive user manual for the Radioddity RD-5R DMR Two Way Radio, covering features, operation, menu navigation, programmable keys, call functions, SMS, scanning, and CPS software usage.</p>
	<p><a href="#">Radioddity DB25-D Digital Mobile Radio User Manual</a></p> <p>User manual for the Radioddity DB25-D digital mobile radio, providing detailed instructions on setup, operation, functions, and maintenance for optimal performance and safety.</p>