

Diyeeni Y-501

Diyeeni Y-501 Portable FM Radio User Manual

Model: Y-501 | Brand: Diyeeni

1. INTRODUCTION

Thank you for choosing the Diyeeni Y-501 Portable FM Radio. This device is a versatile audio player featuring FM radio, MP3 playback from TF cards and USB disks, and an AUX input. It is designed for portability and ease of use, making it an excellent companion for various activities. Please read this manual carefully before operating the device to ensure proper use and to maximize its performance and lifespan.

2. SAFETY INFORMATION

- Do not expose the device to extreme temperatures, direct sunlight, or high humidity.
- Avoid dropping or subjecting the device to strong impacts.
- Do not disassemble, repair, or modify the device yourself. Refer all servicing to qualified personnel.
- Keep the device away from water and other liquids.
- Use only the specified charging cable and power adapter (DC 5V) to charge the device.
- Dispose of batteries according to local regulations. Do not incinerate.

3. PACKAGE CONTENTS

Please check the package for the following items:

- 1 x Diyeeni Y-501 Audio Player
- 1 x USB Charging Cable
- 1 x Li-Ion Battery (800mAh)
- 1 x User Manual

4. PRODUCT OVERVIEW

Familiarize yourself with the various parts and controls of your Diyeeni Y-501 radio.



Figure 4.1: Front view of the Diyeeni Y-501 portable FM radio, showing the dual speakers, digital display, and numeric keypad.

800mAh 12 hours

Come with a rechargeable 800mAh lithium battery, long standby time, can play music continuously for about 12 hours.



Figure 4.2: Close-up of the control panel, showing the digital display and numeric keypad.



Figure 4.3: Side view with USB, AUX, headphone ports, and LED flashlight.



Figure 4.4: Side view showing lanyard attachment and ports.

Key Components:

- **Speakers:** High-performance audio output.
- **LCD Display:** Shows frequency, mode, and other information.
- **Numeric Keypad (0-9):** For direct frequency input or track selection.
- **M Button:** Mode switch (USB / TF / FM / AUX).
- **LED Button:** Activates/deactivates the LED flashlight.
- **REP Button:** Repeat function (current track or all MP3s).
- **Play/Pause Button:** Controls playback.
- **Previous/Next Track Buttons:** Navigates through tracks or radio stations.
- **Volume Control Wheel:** Adjusts audio volume (located near power switch).
- **USB Port:** For USB disk playback.
- **TF Card Slot:** For TF card playback.
- **AUX Input:** For connecting external audio devices.

- **Headphone Jack:** For private listening.
- **Charging Port:** Micro USB port for charging.
- **LED Indicator:** Shows charging status.

5. SETUP

5.1. Battery Installation

The Diyeeni Y-501 uses an 800mAh Li-Ion battery. Ensure the battery is correctly installed before first use.

1. Locate the battery compartment cover on the back of the device.
2. Gently slide or lift the cover to open the compartment.
3. Insert the 800mAh Li-Ion battery, ensuring the contacts align correctly with the terminals inside the compartment.
4. Close the battery compartment cover securely.

Play music from TF card, U disk or MP3 music files. FM radio function. You can freely switch mode(M BUTTON) among USB/TF/FM/AUX.



Figure 5.1: Battery compartment with battery inserted.

5.2. Charging the Battery

Before first use, fully charge the device. A full charge provides approximately 12 hours of continuous playback.

1. Connect the small end of the provided USB charging cable to the charging port on the side of the radio.
2. Connect the larger end of the USB cable to a USB power source (e.g., computer USB port, USB wall adapter, power bank).
3. The LED indicator light will illuminate during charging. Once charging is complete, the LED indicator will turn off or change color (depending on the model).



lighting

With LED flashlight function. A companion that can brighten your dark night or be used for emergency.

Figure 5.2: Radio with USB charging cable.

6. OPERATING INSTRUCTIONS

6.1. Power On/Off

To power on the device, slide the power switch (usually located on the side or top) to the 'ON' position. To power off, slide it to the 'OFF' position.

6.2. Mode Switching (USB / TF / FM / AUX)

Press the **M** (Mode) button repeatedly to cycle through the available modes: USB, TF (MicroSD), FM Radio, and AUX.



Figure 6.1: Top-down view showing button layout.

6.3. FM Radio Function

In FM mode:

- **Automatic Scan:** Press and hold the Play/Pause button to automatically scan and save available FM stations.
- **Manual Tuning:** Use the Previous/Next Track buttons to fine-tune the frequency or navigate between saved stations.
- **Direct Frequency Input:** Use the numeric keypad to directly enter the desired FM frequency (e.g., 87.5).



Figure 6.2: Using the numeric keypad for direct input.

6.4. Music Playback (TF Card / USB Disk / MP3)

Insert a TF card or USB disk containing MP3 music files into the respective slot/port. The device will automatically switch to TF or USB mode and begin playback.

- **Play/Pause:** Press the Play/Pause button to start or pause playback.
- **Next/Previous Track:** Use the Previous/Next Track buttons to skip to the next or previous song.
- **Repeat Function:** Press the **REP** button to repeat the current track or all tracks.

6.5. AUX Input

Connect an external audio device (e.g., smartphone, MP3 player) to the AUX input port using a 3.5mm audio cable. Switch the radio to AUX mode using the **M** button. Audio will then be played through the radio's speaker.

6.6. Volume Control

Adjust the volume by rotating the volume control wheel, typically located next to the power switch.

6.7. LED Flashlight Function

Press the **LED** button to turn the integrated flashlight on or off. This feature is useful for illuminating dark areas or for

emergency situations.



Figure 6.3: LED flashlight in operation.

7. MAINTENANCE

- **Cleaning:** Use a soft, dry cloth to clean the exterior of the device. Do not use abrasive cleaners or solvents.
- **Storage:** When not in use for extended periods, store the device in a cool, dry place, away from direct sunlight and extreme temperatures.
- **Battery Care:** If the device will not be used for a long time, it is recommended to charge the battery at least once every three months to maintain its lifespan.

8. TROUBLESHOOTING

Problem	Possible Cause	Solution
Device does not power on.	Battery is low or depleted. Battery not installed correctly.	Charge the battery. Ensure the battery is inserted with correct polarity.
No sound or low volume.	Volume is too low. Incorrect mode selected. Audio file issue (for TF/USB).	Increase volume using the control wheel. Press 'M' button to select correct mode. Check audio files for corruption.
FM radio reception is poor.	Weak signal in current location.	Move to a location with better signal. Extend the antenna if available (not explicitly mentioned but common for radios).
Cannot read TF card or USB disk.	Card/disk not inserted correctly. Incompatible format. Corrupted files.	Reinsert the card/disk. Ensure it is formatted to FAT32. Try a different card/disk.

9. SPECIFICATIONS

Color	Black
Material	ABS
Interface	Headphone, AUX, USB, Charging Port, TF Card Slot
Power Input	DC 5V

Output Power	3W
Frequency Response	200Hz-21KHz
Radio Frequency	78MHz-108MHz
SNR (Signal-to-Noise Ratio)	85 dB
Impedance	5 Ohm ("Ω")
Output Voltage	3.7V ~ 4.2V + 0.05V
Input Voltage	5V
Li-Ion Battery Capacity	800mAh
Compatibility	Most mobile phones, tablets, laptops, MP3, MP4, etc.
Package Weight	Approx. 164g

10. WARRANTY AND SUPPORT

For warranty information and customer support, please refer to the purchase documentation or contact your retailer. Keep your proof of purchase for any warranty claims.

