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MangoKit MD4

MangoKit MD4 DAB/DAB+ FM Radio with Bluetooth Speaker User Manual

Model: MD4

1. Introduction

Thank you for purchasing the MangoKit MD4 DAB/DAB+ FM Radio with Bluetooth Speaker. This device offers a versatile audio experience with digital radio, traditional FM, and wireless Bluetooth connectivity. Its compact design and wooden finish make it suitable for various environments. This manual provides essential information for proper setup, operation, and maintenance of your radio.



Image 1: Front view of the MangoKit MD4 radio, showcasing its display, speaker grille, and wooden casing.

2. Important Safety Information

- Read all instructions carefully before use.
- Keep the device away from water, moisture, and direct heat sources.
- Do not attempt to disassemble or modify the unit. Refer all servicing to qualified personnel.
- Use only the provided power adapter or recommended 4AA batteries.
- Ensure proper ventilation around the unit.
- Dispose of batteries responsibly according to local regulations.

3. Package Contents

Verify that all items are present in the package:

- MangoKit MD4 DAB/DAB+ FM Radio
- USB Type-C Cable

- Power Adapter
- User Manual (this document)
- Quick Start Guide (Multi-language)

4. Product Overview

4.1. Controls and Display



Image 2: Top panel controls of the MangoKit MD4 radio, including power, volume, tune, source, menu, and preset buttons.

The MangoKit MD4 features an intuitive control panel located on the top of the unit and a color display on the front. Key controls include:

- **Power/Snooze Button:** Press to turn on/off, press during alarm for snooze.
- **Volume +/-:** Adjusts audio volume.
- **Tune +/-:** Navigates through stations or menu options.
- **Source Button:** Switches between DAB, FM, and Bluetooth modes.

- **Menu Button:** Accesses settings and options for the current mode.
- **Back Button:** Returns to the previous menu or screen.
- **Preset Buttons (1-3+):** Quickly access saved radio stations.
- **Info Button:** Displays additional information about the current station or track.
- **Mute Button:** Silences the audio output.

4.2. Ports and Connections

- **USB-C Port:** For power input.
- **Headphone Jack (3.5mm):** For private listening.
- **Battery Compartment:** Located at the bottom for 4x AA batteries (not included).
- **Telescopic Antenna:** For optimal radio reception.



Image 3: A user enjoying audio privately with headphones connected to the MangoKit MD4 radio, highlighting the headphone jack functionality.

5. Setup

5.1. Powering the Device

The MangoKit MD4 can be powered by either the included AC adapter or 4x AA batteries (not included).

1. **AC Power:** Connect the USB Type-C cable to the radio's USB-C port and the power adapter to a wall outlet. The device will automatically power on.
2. **Battery Power:** Open the battery compartment on the bottom of the unit. Insert 4x AA batteries, ensuring correct polarity. Close the compartment. To power on, press and hold the large power button on the top for 5 seconds until the display illuminates.

Note: For economic and environmental reasons, rechargeable AA batteries are recommended. The radio does not charge rechargeable batteries.



Image 4: The MangoKit MD4 radio positioned on an outdoor table, demonstrating its portability when powered by batteries.

5.2. Antenna Adjustment

Extend the telescopic antenna fully for optimal reception in both DAB/DAB+ and FM modes. Adjust its position to improve signal strength if needed.

6. Operating Instructions

6.1. DAB/DAB+ Radio Mode

1. **Select Mode:** Press the **Source** button until "DAB Radio" is displayed.
2. **Automatic Scan:** Upon first use or if no stations are found, the radio will automatically perform a full scan for available DAB/DAB+ stations. This may take a few minutes.
3. **Manual Scan (if needed):** If you wish to rescan, press the **Menu** button, navigate to "Full Scan" using the **Tune +/-** buttons, and press **Select** (center button on top panel) to confirm.
4. **Select Station:** Use the **Tune +/-** buttons to browse through the list of available stations. Press **Select** to listen to a station.
5. **Save Preset:** While listening to a station, press and hold one of the **Preset** buttons (1, 2, 3+) until "Preset Saved" appears. To recall a preset, simply press the corresponding **Preset** button. The radio supports up to 20 DAB presets.



Image 5: The MangoKit MD4 radio operating in DAB mode on a home office desk, illustrating its suitability for daily use.

6.2. FM Radio Mode

1. **Select Mode:** Press the **Source** button until "FM Radio" is displayed.
2. **Automatic Scan:** Press and hold the **Tune +/-** button to automatically scan for the next available FM station.
3. **Manual Tuning:** Briefly press the **Tune +/-** button to fine-tune the frequency step by step.
4. **Save Preset:** While listening to a station, press and hold one of the **Preset** buttons (1, 2, 3+) until "Preset Saved" appears. To recall a preset, simply press the corresponding **Preset** button. The radio supports up to 20 FM presets.

6.3. Bluetooth Audio Mode

The MangoKit MD4 can connect wirelessly to your smartphone, tablet, or other Bluetooth-enabled devices to play audio.

1. **Select Mode:** Press the **Source** button until "Bluetooth Audio" is displayed. The radio will enter pairing mode, indicated by a flashing Bluetooth icon on the display.
2. **Pairing:** On your external device, enable Bluetooth and search for available devices. Select "mangokit MD4" from the list.

3. **Connection:** Once paired, the radio will display "Connected" and the Bluetooth icon will become solid. You can now play audio from your device through the MangoKit MD4.
4. **Control Playback:** Use your connected device to control playback (play/pause, skip tracks). Volume can be adjusted on both the radio and your device.



Image 6: The MangoKit MD4 radio in a kitchen, wirelessly streaming music from a smartphone via Bluetooth.

6.4. Alarm Clock, Sleep Timer, and Snooze

The radio features dual alarms, a sleep timer, and a snooze function.

- **Setting Alarms:**
  a. Press the **Menu** button and navigate to "Alarm Settings".
  b. Select "Alarm 1" or "Alarm 2".
  c. Set the alarm time, duration, source (DAB/FM), and frequency (daily, weekdays, weekends, once).
  d. Confirm settings.

- **Sleep Timer:**
  a. Press the **Menu** button and navigate to "Sleep Timer".
  b. Select a duration (e.g., 15m, 30m, 45m, 60m, 90m). The radio will automatically turn off after the selected time.
- **Snooze Function:** When an alarm sounds, press the large **Power/Snooze** button to temporarily silence the alarm for a few minutes.



Image 7: The MangoKit MD4 radio on a bedside table, illustrating its use as an alarm clock with dual alarm settings.

7. Maintenance

- **Cleaning:** Use a soft, dry cloth to clean the exterior of the radio. Do not use abrasive cleaners or solvents.
- **Battery Replacement:** If using batteries, replace all four AA batteries simultaneously when they are depleted. Do not mix old and new batteries.
- **Storage:** If storing the radio for an extended period, remove the batteries to prevent leakage.

8. Troubleshooting

Problem	Possible Cause	Solution
No power / Unit does not turn on.	Power adapter not connected properly; Batteries depleted or incorrectly inserted.	Ensure AC adapter is securely connected. Check battery polarity and replace if necessary. Hold power button for 5 seconds for battery power.
Poor radio reception (DAB/FM).	Antenna not extended; Weak signal area; Interference.	Fully extend and adjust the telescopic antenna. Try moving the radio to a different location. Perform a full scan for DAB stations.
Bluetooth device cannot pair.	Radio not in Bluetooth mode; Device too far; Bluetooth not enabled on external device.	Ensure radio is in Bluetooth mode ("mangokit MD4"). Keep devices within range (approx. 10 meters). Enable Bluetooth on your external device.
No sound.	Volume too low; Mute activated; Incorrect source selected.	Increase volume. Press the Mute button to deactivate. Ensure the correct source (DAB, FM, Bluetooth) is selected.

9. Specifications

Brand	MangoKit
Model Number	MD4
Color	Metallic Grey Finish (Wooden Aspect)
Connectivity Technology	Bluetooth, Headphone (3.5mm), USB-C
Special Features	DAB, DAB+, FM Radio, Portable Bluetooth Speaker, Dual Alarms, Sleep Timer
Compatible Devices	Smartphone, Tablet, Laptop, Earphones
Product Dimensions	11L x 10W x 17.5H centimeters
Tuning Technology	DAB/DAB+/FM
Power Source	AC Powered, 4x AA Battery Support
Radio Bands Supported	DAB/DAB+/FM
Included Components	User Manual, Quick Start Guide, USB Type-C Cable, Power Adapter

10. Warranty and Support

For warranty information and customer support, please refer to the documentation provided at the time of purchase or contact MangoKit customer service through their official website or the retailer where the product was purchased. Information regarding spare parts availability and software updates is not available at this time.

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