

MangoKit PR2S

MangoKit PR2S Portable DAB/DAB+ and FM Radio User Manual

Model: PR2S

1. INTRODUCTION

Thank you for choosing the MangoKit PR2S Portable DAB/DAB+ and FM Radio. This device offers high-quality digital and analogue radio reception, Bluetooth connectivity for audio streaming, dual alarm functions, and a sleep timer. Its portable design allows for both mains and battery operation, making it suitable for use in various environments. This manual provides detailed instructions to help you set up and operate your radio effectively.

2. SAFETY INFORMATION

- Read all instructions carefully before use and retain for future reference.
- Do not expose the unit to rain, moisture, or extreme temperatures.
- Avoid placing the unit near heat sources such as radiators, heat registers, stoves, or other apparatus (including amplifiers) that produce heat.
- Use only the power adapter supplied with the unit.
- Do not attempt to disassemble or modify the unit. Refer all servicing to qualified service personnel.
- Ensure proper ventilation around the unit.
- When using batteries, ensure they are inserted with correct polarity. Do not mix old and new batteries, or different types of batteries.

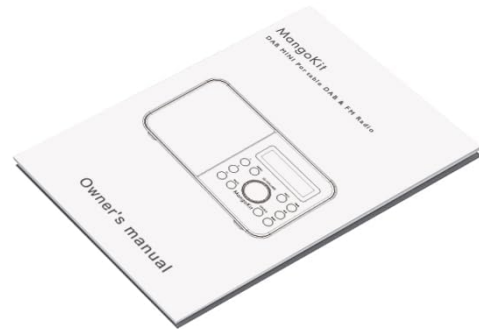
3. PACKAGE CONTENTS

Please check the box for the following items:

- MangoKit PR2S DAB/DAB+ and FM Radio
- User Manual
- Quick Start Guide
- Power Adapter
- Type C USB Cable



Mains Power Adaptor
USB C cable



User manual included

Figure 3.1: MangoKit PR2S with included accessories and dimensions.

4. PRODUCT OVERVIEW

The MangoKit PR2S features an intuitive control panel and a clear display for easy navigation. Key components include:

- **Display Screen:** Shows station information, time, and menu options.
- **Control Buttons:** Including Menu, Info, Back, Source, Preset buttons (1, 2, 3+), and navigation buttons.
- **Rotary Knob:** For Power On/Off and Volume control.
- **Telescopic Antenna:** For optimal radio signal reception.
- **3.5mm Headphone Jack:** For private listening.
- **Type C USB Port:** For power input.



Figure 4.1: Front view of the MangoKit PR2S DAB Radio.



**DAB/DAB+
Radio**



**Wireless
Speaker**



**FM
Radio**



**Alarms
Clock**



**Headphone
out**



40 Presets

Figure 4.2: Key features of the MangoKit PR2S.



Figure 4.3: Headphone connectivity for personal listening.

5. SETUP

5.1 Powering the Device

The MangoKit PR2S can be powered by mains electricity or 4 x AA batteries (not included).

- **Mains Power:** Connect the supplied Type C USB cable to the radio's USB port and the power adapter to a wall outlet.
- **Battery Power:** Open the battery compartment on the back of the unit and insert 4 x AA batteries, ensuring correct polarity. The device does not charge rechargeable batteries.



Figure 5.1: The radio can be powered by mains or AA batteries for portability.

5.2 Initial Setup and Auto-Scan

Upon first power-on, the radio will automatically perform a full scan for DAB/DAB+ stations. Extend the telescopic antenna fully for best reception.

1. Press the **O/VOLUME** knob to turn on the radio.
2. The radio will display 'Scanning...' and begin searching for available DAB/DAB+ stations.
3. Once the scan is complete, the radio will automatically tune to the first available station.

6. OPERATING INSTRUCTIONS

6.1 DAB/DAB+ Radio Mode

To switch to DAB/DAB+ mode, press the **SOURCE** button until 'DAB' is displayed.

- **Station Selection:** Use the << or >> buttons to navigate through the list of available stations. Press the **O/VOLUME** knob to select a station.

- **Manual Scan:** If reception is poor, you can perform a manual scan by pressing the **MENU** button, navigating to 'Full Scan', and pressing the **O/VOLUME** knob.
- **Information Display:** Press the **INFO** button repeatedly to cycle through various information such as program type, signal strength, bit rate, frequency, and date/time.



Dependable **DAB/DAB+/FM** Radio, enhanced DAB+ signal for full UK & Europe.

Figure 6.1: DAB+ radio mode display.

6.2 FM Radio Mode

To switch to FM mode, press the **SOURCE** button until 'FM' is displayed.

- **Auto Scan:** Long press the >> button to automatically scan for the next available FM station.
- **Manual Tuning:** Short press the << or >> buttons to fine-tune the frequency in 0.05 MHz steps.
- **Information Display:** Press the **INFO** button repeatedly to cycle through various information such as station name, program type, and frequency.

6.3 Storing and Recalling Preset Stations

The radio allows you to store up to 40 preset stations (20 DAB/20 FM).

- **To Store:** While listening to a station, long press one of the preset buttons **1**, **2**, or **3+**). The display will show 'Preset Store <X>'. Use the navigation buttons to select a preset number (1-20) and press the **O/VOLUME** knob to confirm.
- **To Recall:** Short press one of the preset buttons **1**, **2**, or **3+**). Use the navigation buttons to select the desired preset number and press the **O/VOLUME** knob to tune to it.

6.4 Bluetooth Mode

To stream audio wirelessly, switch to Bluetooth mode by pressing the **SOURCE** button until 'Bluetooth' is displayed.

1. The radio will enter pairing mode, indicated by 'Bluetooth Pairing' on the display.
2. On your Bluetooth-enabled device (e.g., smartphone, tablet), search for 'MangoKit PR2S' in the Bluetooth settings.
3. Select 'MangoKit PR2S' to pair. Once connected, the display will show 'Bluetooth Playing'.
4. You can now play audio from your device through the radio's speaker.

Note: The MangoKit PR2S functions as a Bluetooth receiver only; it cannot transmit audio to Bluetooth headphones.



Figure 6.2: Bluetooth streaming from a mobile device.

6.5 Alarm Settings

The radio features dual alarms with customizable settings.

1. Press the **MENU** button and navigate to 'System Settings' > 'Alarm'.
2. Select 'Alarm 1' or 'Alarm 2'.
3. Configure the alarm time, duration, source (Buzzer, DAB, or FM), frequency (Daily, Once, Weekends, Weekdays), and volume.
4. Ensure the alarm is set to 'On' and press the **O/VOLUME** knob to confirm.



Figure 6.3: Setting dual alarms for your schedule.

6.6 Sleep Timer

The sleep timer allows the radio to automatically turn off after a set period.

1. Press the **MENU** button and navigate to 'System Settings' > 'Sleep'.
2. Select the desired sleep duration (e.g., 15, 30, 45, 60 minutes).
3. The radio will automatically switch off after the selected time.

6.7 Snooze Function

When an alarm sounds, press the **O/VOLUME** knob to activate the snooze function. The alarm will temporarily pause and sound again after a short interval.

7. MAINTENANCE

- **Cleaning:** Use a soft, dry cloth to clean the radio's surface. Do not use abrasive cleaners or solvents.
- **Antenna:** Handle the telescopic antenna with care to avoid damage.
- **Battery Care:** If the radio will not be used for an extended period, remove the batteries to prevent leakage.

8. TROUBLESHOOTING

Problem	Possible Cause	Solution
No power	Power adapter not connected; Batteries depleted or incorrectly inserted.	Ensure power adapter is securely connected. Replace batteries or check polarity.
Poor DAB/FM reception	Antenna not fully extended; Weak signal area.	Fully extend the telescopic antenna. Reposition the radio to an area with better signal. Perform a full scan.
Bluetooth device cannot pair	Radio not in Bluetooth mode; Device too far; Bluetooth not enabled on source device.	Ensure radio is in Bluetooth mode. Move devices closer. Enable Bluetooth on your source device.
Alarm not sounding	Alarm not activated; Volume too low.	Check alarm settings to ensure it is 'On'. Increase alarm volume.
Sound distortion	Volume too high; Poor signal.	Reduce volume. Adjust antenna or reposition radio for better signal.

9. SPECIFICATIONS

Feature	Specification
Model Number	PR2S (dbe6e6fe-de32-4eaa-8852-dac52a3e5f3f)
Product Dimensions	15.7L x 5.1W x 9.5H centimetres
Weight	500 g
Tuner Technology	DAB/DAB+ and FM
Connectivity Technology	Bluetooth 5.3, 3.5mm Audio in
Power Source	Mains (Type C USB) and Battery (4 x AA)
Preset Stations	40 (20 DAB, 20 FM)

Feature	Specification
Special Features	Portable, Dual Alarms, Sleep Timer, Snooze
Colour	Stone Grey
Manufacturer	Mangokit

10. WARRANTY AND SUPPORT

MangoKit products are designed for reliability and performance. For warranty information and customer support, please refer to the warranty card included with your purchase or visit the official MangoKit website. Keep your proof of purchase for any warranty claims.

For further assistance, you may contact MangoKit customer service through their official channels. Details are typically provided in the Quick Start Guide or on the manufacturer's website.