Rysamton YK-M03

Rysamton Portable AM/FM/Shortwave Radio

Model: YK-M03

1. Introduction

Thank you for choosing the Rysamton Portable AM/FM/Shortwave Radio. This compact and versatile radio is designed for excellent reception across multiple bands, featuring a large digital display, alarm clock, and sleep timer functions. This manual provides detailed instructions to help you get the most out of your new radio.



The Rysamton Portable Radio is designed for easy portability, fitting comfortably in your hand.

2. Important Safety Information

Please read and understand all safety instructions before using this product. Keep this manual for future reference.

- **Battery Safety:** Use only 2x AA batteries as specified. Do not mix old and new batteries, or different types of batteries. Remove batteries if the radio will not be used for an extended period to prevent leakage.
- **Water and Moisture:** Do not expose the radio to rain, moisture, or immerse it in water. This product is not waterproof.
- **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. Do not use liquid cleaners or aerosol cleaners.
- **Volume Level:** To prevent possible hearing damage, do not listen at high volume levels for long periods.

3. Package Contents

Verify that all items are included in your package:

- Rysamton Portable Radio Unit
- Earphone
- Owner's Manual (this document)

4. Product Overview

Familiarize yourself with the various parts and controls of your Rysamton radio.



Front and side view of the radio with key components labeled.

Controls and Features:

- **Power/Lock Key:** Turns the radio on/off and locks/unlocks buttons.
- **Volume Control:** Adjusts the audio output level.
- **Auto Search Station Key (SCAN):** Automatically scans and saves available stations.
- **FM/AM/SW Bands Switch (BAND):** Cycles through FM, AM, and Shortwave bands.
- **Preset Keys (M+, M-):** Navigates through saved preset stations.
- **Favorite Keys (CH01, CH02, CH03):** Directly access your three favorite saved stations per band.
- **Alarm Key (ALARM):** Sets and activates the alarm function.
- **Time Setting/Delete Key (TIME/DEL):** Used for setting time and deleting preset stations.
- **Sleep Key (SLEEP):** Activates and sets the sleep timer.
- **Tuner Knob:** For manual frequency tuning.
- **Earphone Port:** 3.5mm jack for connecting earphones.
- **DC Jack:** For external 3V DC power adapter (not included).
- **Antenna:** Extendable telescopic antenna for FM and SW reception.
- **Battery Compartment:** Holds 2x AA batteries.
- **Bracket:** Integrated stand for upright positioning.



The large FSTN display provides clear readability from multiple angles.

5. Setup

5.1. Battery Installation

The radio operates on 2x AA batteries (not included). For optimal performance, use high-quality alkaline batteries.

1. Locate the battery compartment cover on the back of the radio.
2. Slide the cover downwards to open the compartment.
3. Insert 2x AA batteries, ensuring the correct polarity (+ and -) as indicated inside the compartment.
4. Close the battery compartment cover securely.



Insert 2x AA batteries into the compartment, observing correct polarity.

5.2. External Power (Optional)

The radio can also be powered by a DC 3V adapter (purchased separately). Connect the adapter to the DC jack on the side of the radio.

6. Operating Instructions

6.1. Power On/Off

Press the **Power/Lock** key (top right button) to turn the radio on or off.

6.2. Band Selection

Press the **BAND** button to cycle through FM, AM, and SW (Shortwave) bands.

- **FM:** 87 - 108 MHz
- **AM:** 520 - 1710 KHz (can switch between 9kHz / 10kHz step frequency)
- **SW:** 3.0 - 21.85 MHz



The radio supports FM, AM, and SW bands with high sensitivity.

6.3. Automatic Station Search (Scan)

To automatically scan and save stations:

1. Select your desired band (FM, AM, or SW) using the **BAND** button.
2. Long press the **SCAN** key for more than 2 seconds. The radio will automatically search for and store up to 35 stations per band.

6.4. Manual Tuning

To manually tune to a specific frequency:

- Use the **Tuning Knob** on the side of the radio to adjust the frequency up or down.

6.5. Selecting Preset Stations

After an automatic scan, you can navigate through the saved stations:

- Press the **M+** or **M-** keys to move to the next or previous preset station.

6.6. Saving Favorite Stations (CH01, CH02, CH03)

You can save up to three favorite stations for quick access on each band:

1. Tune to the desired station using auto search or manual tuning.
2. Long press one of the **CH01**, **CH02**, or **CH03** buttons until the display confirms the station is saved.
3. To recall a favorite station, simply short press the corresponding **CH01**, **CH02**, or **CH03** button.



The radio features dedicated buttons for simple operation, including favorite station recall.

6.7. Setting the Alarm Clock

The radio can function as an alarm, turning on automatically at a set time to play your chosen station.

1. With the radio off, long press the **ALARM** button. The hour digits will flash.
2. Use the **M+** or **M-** buttons to set the hour. Press **ALARM** again to confirm and move to minutes.
3. Use the **M+** or **M-** buttons to set the minutes. Press **ALARM** again to confirm.
4. To activate/deactivate the alarm, short press the **ALARM** button when the radio is off. An alarm icon will appear/disappear on the display.

6.8. Setting the Sleep Timer

The sleep timer allows the radio to play for a set duration before automatically turning off, helping you fall asleep.

1. With the radio on, short press the **SLEEP** button repeatedly to cycle through sleep timer options (e.g., 10, 20, 30, 40, 50, 60, 70, 80, 90, 100, 110, 120 minutes, or OFF).
2. Select your desired duration. The radio will automatically turn off after the selected time.



Utilize the sleep timer to enjoy your radio before falling asleep, and the alarm function for waking up.

6.9. Using Earphones

For private listening, plug any standard 3.5mm earphone into the earphone port on the side of the radio. The internal speaker will automatically mute.

6.10. Operational Demonstration Video

Your browser does not support the video tag.

Watch this video for a visual guide on operating your Rysamton FM/AM/SW Portable Radio, including power, band selection, auto-search, manual tuning, and setting the sleep timer.

7. Maintenance

Proper care will ensure the longevity of your radio.

- **Cleaning:** Wipe the radio with a soft, dry cloth. Do not use abrasive cleaners or solvents.
- **Storage:** Store the radio in a cool, dry place when not in use. Remove batteries if storing for extended periods.
- **Antenna Care:** Handle the telescopic antenna gently to avoid bending or breaking.

8. Troubleshooting

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

Problem	Possible Cause	Solution
Radio does not turn on.	Batteries are dead or incorrectly inserted.	Replace batteries or check polarity. Ensure external power adapter is correctly connected if used.
Poor reception.	Antenna not extended or poor signal area.	Fully extend the telescopic antenna. Try repositioning the radio or moving to an open area.
No sound from speaker.	Volume too low or earphones connected.	Increase volume. Disconnect earphones if you want sound from the speaker.
Cannot save favorite stations.	Button not held long enough.	Ensure you long press the CH01/CH02/CH03 button until the display confirms saving.
Alarm does not sound.	Alarm not activated or set incorrectly.	Ensure the alarm icon is visible on the display. Re-check alarm time settings.

9. Specifications

Feature	Detail
Brand	Rysamton

Feature	Detail
Model	YK-M03
Product Dimensions	4.61 x 1.22 x 2.76 inches (11.7 x 3.1 x 7 cm)
Item Weight	4.6 ounces (approx. 130g without batteries)
Color	Black
Power Source	2x AA Batteries or DC 3V Adapter (not included)
Radio Bands Supported	FM, AM, SW
Tuner Technology	DSP (Digital Signal Processing)
Display	Large FSTN Digital Display with Backlight
Special Features	Portable, Alarm Clock, Sleep Timer, Auto Search, Favorite Station Presets
Connectivity	Auxiliary (Earphone), USB (for power via DC jack, not data)

10. Warranty and Support

For warranty information or technical support, please refer to the contact details provided at the point of purchase or visit the official Rysamton website. Keep your purchase receipt as proof of purchase.

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Ask a question about this manual

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page's manual context to help answer it.

Name

Anonymous

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Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question

Answered questions about this manual

How do I change the AM tuning step from 9kHz to 10kHz on the Rysamton YK-M03 radio?

The Rysamton YK-M03 radio supports both 9kHz and 10kHz AM tuning steps. While the manual confirms the device can switch between these frequencies, it does not explicitly list the specific button combination in the...

Read full answer