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Rysamton 746198883918

Rysamton Portable AM/FM Radio with Bass Speaker and Recorder

Model: 746198883918

Introduction	Components	Setup	Operation	Maintenance	Troubleshooting	Specifications	Support
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1. INTRODUCTION

The Rysamton Portable AM/FM Radio is a versatile device designed for audio playback and recording. It features AM/FM radio reception, Bluetooth 5.0 connectivity, Micro SD card support, and a digital recorder. Its compact size and long battery life make it suitable for various uses, from daily listening to outdoor activities.

Multifunction Radio



Radio

Recording

Alarm

Timer

3w
Speaker

TF Card

Build-in
battery

Tuning



Image 1.1: The Rysamton Portable Radio highlighting its multiple functions including radio, recording, alarm, and timer.

2. PRODUCT COMPONENTS AND CONTROLS

Familiarize yourself with the various parts and controls of your Rysamton Portable Radio:

Easy to Carry, Easy to Operate

Weight: 155g



Large LCD display with backlight



Large tuning button



One touch recording

Image 2.1: The Rysamton Portable Radio, illustrating its compact design and key user interface elements.

Front Panel Controls:

- **Speaker Grille:** Audio output.
- **LCD Display:** Shows frequency, time, mode, and battery status.
- **Power Button ():** Press and hold to turn on/off. Short press to return to clock mode.
- **Play/Pause ():** Play or pause audio.
- **Previous/Next (/):** Navigate tracks or stations.
- **FM/AM Button:** Switch between FM and AM radio bands.
- **SL./AL. Button:** Access Sleep Timer and Alarm settings.
- **TIME Button:** Set the current time.
- **SCAN Button:** Auto-scan and save radio stations.
- **MEM/DEL Button:** Save or delete radio presets.
- **REC FILE Button:** Access recorded files.
- **REC Button (●):** Start/stop recording.

- **Volume Up/Down (+/-):** Adjust audio volume.

Side Panel Features:

- **Telescopic Antenna:** For FM reception.
- **Tuning Knob:** Manual tuning for radio stations.
- **Micro SD Card Slot:** Insert Micro SD card for playback and recording.
- **3.5mm Headphone Jack:** For private listening.
- **USB Type-C Charging Port:** For charging the device.

3. SETUP

3.1 Charging the Battery

The radio is equipped with a built-in rechargeable lithium-ion battery. Before first use, fully charge the device.

1. Connect the provided USB Type-C charging cable to the radio's charging port.
2. Connect the other end of the cable to a standard USB power adapter (not included) or a computer's USB port.
3. The battery indicator on the LCD display will flash during charging.
4. Charging typically takes approximately 3 hours for a full charge, providing up to 20 hours of playback at moderate volume. The indicator will stop flashing when fully charged.

LARGE CAPACITY BATTERY LONG BATTERY LIFE

CHARGE FOR 3 HOURS PLAY FOR 20 HOURS

Built-in 2000 mAh rechargeable battery
20 hours long battery life
Let you enjoy the music feast anytime and anywhere.



Image 3.1: Visual representation of the radio's battery capacity and charging duration.

3.2 Inserting a Micro SD Card

To use the recording function or play MP3 files from a Micro SD card, insert a card (up to 32GB capacity).

1. Locate the Micro SD card slot on the side of the radio.
2. Gently insert the Micro SD card with the gold contacts facing downwards until it clicks into place.
3. To remove, push the card in slightly until it springs out.

4. OPERATING INSTRUCTIONS

4.1 Power On/Off

- **To Power On:** Press and hold the Power button () for a few seconds. The display will light up.
- **To Power Off:** Press and hold the Power button () again for a few seconds.
- **To Return to Clock Mode:** A short press of the Power button () while the radio is on will switch to clock display.

4.2 Radio Operation (AM/FM)

Stable and Clear Reception

High performance DSP chip | 360° rotating antenna

Built-in high sensitivity AM antenna

FM/AM
dual-band

One-click
auto search

Manual
storage/deletion

Large
tuning knob



Image 4.1: The radio in use, illustrating its stable reception capabilities with the extended antenna.

1. **Select Band:** Press the **FM/AM** button to switch between FM and AM bands. Extend the telescopic antenna for better FM reception. The internal magnetic antenna handles AM reception.
2. **Auto Scan:** Press the **SCAN** button. The radio will automatically search for and save all available stations.
3. **Manual Tuning:** Rotate the **Tuning Knob** on the side to manually adjust the frequency.
4. **Navigate Presets:** Use the **Previous** () and **Next** () buttons to cycle through saved stations.
5. **Save/Delete Presets:** To save a station, tune to it, then press and hold the **MEM/DEL** button. To delete a saved station, navigate to it, then press and hold **MEM/DEL** and confirm.

4.3 Bluetooth Mode

The radio supports Bluetooth 5.0 for wireless audio streaming from compatible devices.

1. Turn on the radio.

2. Press the **♪** button to switch to Bluetooth mode. The display will show 'BT' and a blinking Bluetooth icon, indicating it's ready for pairing.
3. On your mobile device, enable Bluetooth and search for 'RADIO-221'.
4. Select 'RADIO-221' to pair. Once connected, the Bluetooth icon will stop blinking.
5. You can now play audio from your device through the radio. Use the radio's **Play/Pause ()** and **Previous/Next (/)** buttons to control playback.

4.4 Micro SD Card Playback

Insert a Micro SD card with MP3 audio files to play music directly from the card.

1. Ensure a Micro SD card is inserted correctly (refer to Section 3.2).
2. Press the **♪** button repeatedly until 'TF' or 'SD' appears on the display, indicating Micro SD card mode.
3. The radio will automatically start playing the first compatible audio file.
4. Use the **Play/Pause ()** and **Previous/Next (/)** buttons to control playback.



Image 4.2: The radio functioning as a music player, suitable for group listening.

4.5 Recording Function

The radio supports two types of recording: FM/AM station recording and built-in microphone (MIC) recording. A Micro SD card is required for recording.



Image 4.3: The radio being used for recording, highlighting its utility for capturing audio.

1. **Start Recording:** In FM/AM mode or any other audio playback mode, press the **REC (●)** button to start recording. The display will show a recording indicator. For MIC recording, ensure no other audio is playing.
2. **Stop Recording:** Press the **REC (●)** button again to stop recording. The recorded file will be saved to the Micro SD card.
3. **Access Recorded Files:** Press the **REC FILE** button to browse and play your recordings.

4.6 Alarm and Sleep Function

The radio includes an alarm clock and a sleep timer.

- **Setting Alarm:** Press the **SL./AL.** button to enter alarm settings. Use the **Previous ()** and **Next ()** buttons to adjust the time, and the **Play/Pause ()** button to confirm. You can choose between a radio or mechanical tone for the alarm.
- **Setting Sleep Timer:** Press the **SL./AL.** button repeatedly to cycle through sleep timer options (e.g., 120, 90, 60, 30, 15

minutes, or Off). The radio will automatically turn off after the selected duration.

4.7 Volume Control

Use the + and - buttons to adjust the volume level.

4.8 Headphone Use

For private listening, connect standard 3.5mm headphones to the headphone jack on the side of the radio.



Image 4.4: The radio's 3.5mm headphone jack in use for personal audio enjoyment.

5. MAINTENANCE

- **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 away from direct sunlight and extreme temperatures.
- **Battery Care:** To prolong battery life, avoid fully discharging the battery frequently. Charge the radio regularly, even if not in

use for extended periods.

- **Water Exposure:** This device is not waterproof. Avoid exposure to water or high humidity.

6. TROUBLESHOOTING

Problem	Possible Cause	Solution
Radio does not turn on.	Battery is depleted.	Charge the radio using the provided USB Type-C cable.
Poor radio reception.	Weak signal; antenna not extended.	Extend the telescopic antenna fully for FM. Reposition the radio for better signal.
No sound from speaker.	Volume too low; headphones connected.	Increase volume using the '+' button. Disconnect headphones if not intended for private listening.
Micro SD card not recognized.	Card inserted incorrectly; unsupported format; card capacity too large.	Reinsert the card correctly. Ensure it is formatted to FAT32 and is 32GB or less.
Bluetooth pairing fails.	Radio not in pairing mode; device too far.	Ensure radio is in Bluetooth mode and 'BT' is blinking. Keep devices within 10 meters.
Buttons are unresponsive.	Device may be locked or frozen.	Press and hold the Power button to restart. Check if a lock function is active (though not explicitly mentioned, some radios have this).

7. SPECIFICATIONS

- **Brand:** Rysamton
- **Model Number:** 746198883918
- **Product Dimensions:** 4.72"L x 1.06"W x 2.71"H (12 x 2.7 x 6.9 cm)
- **Item Weight:** 5.5 ounces (155g)
- **Radio Bands Supported:** AM, FM
- **Connectivity Technology:** Bluetooth 5.0
- **Power Source:** Battery Powered (1 Lithium Ion battery, included)
- **Battery Life:** Up to 20 hours (at moderate volume)
- **Charging Port:** USB Type-C
- **Speaker:** 3W high-quality magnetic speaker with bass diaphragm
- **Micro SD Card Support:** Up to 32GB (for MP3 playback and recording)
- **Special Features:** Digital Signal Processing (DSP) chip, Recording function (FM/AM & MIC), Alarm clock, Sleep timer, 3.5mm Headphone Jack, Large LCD display with backlight.

8. WARRANTY AND SUPPORT

For warranty information or technical support, please refer to the documentation included with your purchase or contact the retailer where the product was acquired. Keep your purchase receipt as proof of purchase.

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Question

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Details

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

Submit question

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