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> Sangean MMR-77 Hand Crank Emergency Am/FM Portable Radio User Manual

Sangean MMR-77

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Model: MMR-77

INTRODUCTION

The Sangean MMR-77 is a multi-power, multi-purpose AM/FM portable radio designed for reliable performance, especially during emergencies. It features a hand-crank dynamo for power generation, offering an alternative to traditional batteries or AC power. This radio is built for durability and ease of use, providing clear reception and audio quality.



Front view of the Sangean MMR-77 radio, showing the speaker grille, tuning dial, and controls.

SETUP

The MMR-77 offers multiple power options:

- **AA Batteries:** Insert two (2) AA batteries into the battery compartment. Batteries are not included.
- **Dynamo Hand Crank:** For self-sufficient power, extend the hand crank and rotate it. One minute of winding provides approximately 30 minutes of listening time. The dynamo can be wound in either direction.
- **AC Power Adapter:** The radio can be powered by an AC adapter (not included). Ensure the adapter matches the required specifications (e.g., 5V DC, positive tip polarity).



Rear view of the Sangean MMR-77, illustrating the battery compartment and the dynamo crank mechanism.

OPERATING INSTRUCTIONS

Powering On and Tuning

1. **Select Band:** Use the AM/FM switch to select your desired radio band.
2. **Tune Station:** Rotate the tuning knob to find a station. The tuning LED indicator will illuminate when a strong signal is received.
3. **Adjust Volume:** Use the volume knob to set the desired listening level.
4. **Extend Antenna:** For optimal FM reception, extend the telescopic antenna. For AM reception, the internal antenna is typically sufficient.

Special Features

- **Illumination Lamp:** The radio includes an illumination lamp that also lights up the dial window.
- **Charging LED:** A dedicated LED indicates when the internal battery is charging via the hand crank.
- **Headphone Output:** A true stereo headphone output is provided for private listening.
- **Emergency Buzzer:** The radio is equipped with an emergency buzzer for signaling.

MAINTENANCE

- **Water Resistance:** The MMR-77 is water resistant with a JIS – 3 Rating. While it can withstand splashes, it is not designed for submersion.
- **Cleaning:** Use a soft, dry cloth to clean the radio. Avoid abrasive cleaners or solvents.
- **Battery Care:** If using AA batteries, remove them if the radio will not be used for an extended period to prevent leakage. Regularly use the hand crank to maintain the internal rechargeable battery.

TROUBLESHOOTING

Problem	Possible Cause	Solution
No power / Radio does not turn on	Dead batteries, insufficient crank charge, or no AC power.	Replace AA batteries, crank the dynamo for at least 1 minute, or connect to a working AC adapter.
Poor reception	Weak signal, antenna not extended, or interference.	Extend the telescopic antenna (for FM), reposition the radio, or try tuning slightly.

Problem	Possible Cause	Solution
Charging LED not lit during cranking	Internal battery fully charged or issue with dynamo mechanism.	Continue cranking to confirm, if still not lighting up after prolonged use, contact support.

SPECIFICATIONS

- **Model:** MMR-77
- **Brand:** Sangean
- **Product Dimensions:** 6 x 2 x 3.5 inches (L x W x H)
- **Item Weight:** 8.8 ounces
- **Power Source:** Dynamo Hand Crank, 2 AA batteries (not included), AC Power Adapter (not included)
- **Radio Bands Supported:** AM/FM
- **Water Resistance Level:** Water Resistant (JIS – 3 Rating)
- **Included Components:** Owner's Manual, Hand Strap



Dimensions of the Sangean MMR-77 radio.

WARRANTY INFORMATION

Specific warranty details are not provided in this manual. Please refer to the product packaging or the official Sangean website for comprehensive warranty information.

SUPPORT

For further assistance, technical support, or product inquiries, please visit the official Sangean website or contact their customer service department. Contact information can typically be found on the manufacturer's website or included in the product packaging.

Visit the Sangean Store: [Sangean Official Store](#)