

MUSE M-091R

MUSE Radio FM M-091 R Instruction Manual

Model: M-091R

1. INTRODUCTION

Thank you for purchasing the MUSE Radio FM M-091 R. This portable stereo PLL radio offers FM and MW bands, an LCD display, and various functions including alarm and sleep timers. This manual provides essential information for the safe and efficient operation of your device. Please read it thoroughly before use and retain it for future reference.

2. SAFETY INFORMATION

To ensure safe operation and prevent damage, please observe the following precautions:

- **Power Source:** Only use the specified power adapter or batteries. Ensure the voltage matches the requirements of the device.
- **Water and Moisture:** Do not expose the radio to rain, moisture, or immerse it in water. Avoid placing objects filled with liquids, such as vases, on or near the device.
- **Ventilation:** Do not block any ventilation openings. Ensure adequate space around the device for proper airflow.
- **Heat:** Keep the radio away from heat sources such as radiators, heat registers, stoves, or other apparatus (including amplifiers) that produce heat.
- **Cleaning:** Unplug the device from the power outlet before cleaning. Use a soft, dry cloth. Do not use liquid cleaners or aerosol cleaners.
- **Servicing:** Do not attempt to service this product yourself. Refer all servicing to qualified service personnel.
- **Batteries:** Do not mix old and new batteries, or different types of batteries. Remove batteries if the device is not used for extended periods.

3. PACKAGE CONTENTS

Verify that all items are present upon unpacking:

- MUSE Radio FM M-091 R Unit
- Detachable AC Power Cord
- Instruction Manual (this document)

4. PRODUCT OVERVIEW

Front Panel and Controls

The front panel features the main display and control buttons for various functions.



Figure 4.1: Front view of the MUSE M-091 R radio, showing the LCD display, speaker grille, and control buttons.



Funktionen

Figure 4.2: Overview of key functions and features, including PLL Radio, Stereo, White Display, Alarm, Sleep, Snooze, AC/DC power, and Phones Jack.

- **LCD Display:** Shows frequency, time, and function indicators.
- **SOURCE Button:** Selects between FM, MW, and AUX input modes.
- **SNOOZE Button:** Temporarily silences the alarm.
- **TUNING/SET Dial:** Rotates to tune radio frequencies or adjust settings. Press to confirm.
- **VOLUME +/- Dial:** Rotates to adjust the audio output level.
- **Preset Buttons (1-10):** Directly access stored radio stations.
- **Power Button:** Turns the radio on or off.

Side Panel and Connections

The side panel provides essential input and output ports.



LCD display



Verpackung

175 mm (H) x 80 mm (W) x 275 mm (L)



Simple
Design

Figure 4.3: Close-up of the LCD display and a view of the product packaging, illustrating the simple design.

- **Headphone Jack (3.5mm):** For private listening with headphones.
- **Auxiliary Input (3.5mm):** Connect external audio devices.
- **AC Power Input:** Connect the detachable power cord for mains operation.
- **Battery Compartment:** Located on the rear, for 4x 1.5V Type D/R20/UM1 batteries.
- **Swiveling FM Antenna:** Extend and adjust for optimal FM reception.

5. SETUP

5.1 Power Connection

Your MUSE M-091 R radio can be powered by either AC mains or batteries.

AC Power

1. Ensure the radio is switched off.
2. Connect the detachable AC power cord to the AC power input on the radio.
3. Plug the other end of the power cord into a standard 230V 50Hz wall outlet.

Battery Installation

For portable use, install batteries (not supplied).

1. Open the battery compartment cover located on the rear of the unit.
2. Insert four (4) 1.5V Type D/R20/UM1 batteries, ensuring correct polarity (+/-) as indicated inside the compartment.
3. Close the battery compartment cover securely.

Note: If the unit is disconnected from both AC power and batteries, all settings (time, presets) will be lost.

5.2 Antenna Adjustment

For optimal FM reception, extend the swiveling FM antenna fully and adjust its position until you achieve clear sound. For MW reception, the radio uses a built-in ferrite bar antenna, so no external adjustment is needed; simply rotate the entire unit for best reception.

6. OPERATING INSTRUCTIONS

6.1 Turning On/Off

Press the **Power** button to turn the radio on or off.

6.2 Selecting Source (FM/MW/AUX)

Press the **SOURCE** button repeatedly to cycle through the available modes: FM, MW, and AUX.

6.3 Radio Tuning (FM/MW)

The radio features a PLL tuner with 20 storable stations (10 FM, 10 MW).

Automatic Tuning

1. Select FM or MW mode using the **SOURCE** button.
2. Press and hold the **TUNING/SET** dial for a few seconds. The radio will automatically scan and stop at the next strong station.

Manual Tuning

1. Select FM or MW mode.
2. Rotate the **TUNING/SET** dial slowly to manually adjust the frequency.

6.4 Storing and Recalling Presets

Storing a Station

1. Tune to your desired station using automatic or manual tuning.
2. Press and hold one of the **Preset Buttons (1-10)** until the display confirms the station has been saved to that preset number.

Recalling a Station

Press the corresponding **Preset Button (1-10)** briefly to recall a stored station.

6.5 Volume Control

Rotate the **VOLUME +/-** dial to increase or decrease the audio volume.

6.6 Clock and Alarm Functions

The radio includes time, alarm, and sleep functions.

Setting the Clock

Refer to the detailed instructions in the full user manual for specific steps on setting the time. Generally, this involves pressing and holding a 'Time Set' or 'SET' button, then using the TUNING dial to adjust hours and minutes, and pressing SET to confirm.

Setting the Alarm

The alarm can be set to wake you with either a buzzer or the radio. Consult the full user manual for precise alarm setting procedures. This typically involves pressing an 'Alarm' button, setting the alarm time, and choosing the alarm source.

Sleep Timer Function

The sleep timer allows the radio to play for a set duration before automatically turning off. Activate this function by pressing the 'Sleep' button and selecting the desired duration (e.g., 120, 90, 60, 30, 15, 10, or 5 minutes).

6.7 Auxiliary Input (AUX)

Connect an external audio device (e.g., MP3 player, smartphone) to the **Auxiliary Input (3.5mm)** jack using a 3.5mm audio cable. Select AUX mode using the **SOURCE** button. Audio from the external device will play through the radio's speakers.

7. MAINTENANCE

7.1 Cleaning

To clean the radio, first disconnect it from all power sources. Use a soft, dry, lint-free cloth to wipe the surfaces. Do not use abrasive cleaners, waxes, or solvents as they may damage the finish.

7.2 Battery Care

- Remove batteries if the unit will not be used for an extended period to prevent leakage.
- Dispose of used batteries responsibly according to local regulations.

8. TROUBLESHOOTING

If you encounter issues with your radio, refer to the table below for common problems and solutions.

Problem	Possible Cause	Solution
No power	AC cord not connected; Batteries depleted or incorrectly inserted.	Check AC cord connection; Replace batteries or ensure correct polarity.
Poor radio reception	Antenna not extended/adjusted; Weak signal.	Extend and adjust FM antenna; Rotate the unit for MW reception; Try moving the radio to a different location.
No sound	Volume too low; Headphones connected.	Increase volume; Disconnect headphones.

Problem	Possible Cause	Solution
Alarm does not sound	Alarm not set or deactivated; Volume too low.	Ensure alarm is set and activated; Check alarm volume setting.
Time/presets lost	Power interruption (AC and battery).	Re-enter time and presets. Consider using both AC and batteries for backup.

9. SPECIFICATIONS

Detailed technical specifications for the MUSE Radio FM M-091 R:

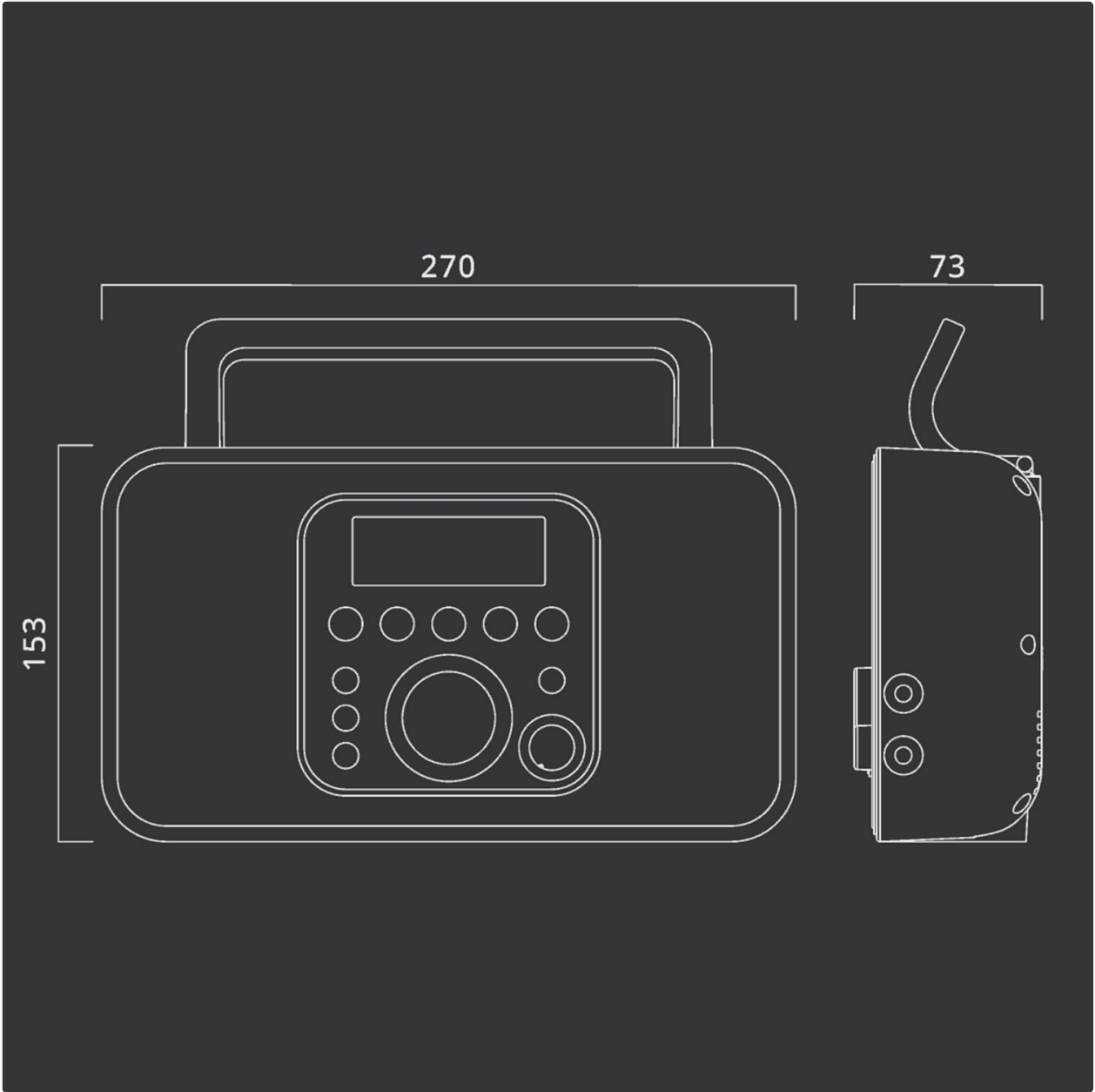


Figure 9.1: Technical diagram showing the dimensions of the MUSE M-091 R radio in millimeters.




- **Model:** M-091R
- **Brand:** MUSE
- **Type:** Portable Stereo PLL Radio
- **Radio Bands:** FM Stereo, MW

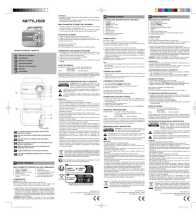


- **Tuner:** PLL Tuner with 20 Presets (10 FM + 10 MW)
- **Display:** LCD Display
- **Functions:** Time, Alarm (Buzzer/Radio), Sleep Timer
- **Antenna:** Swiveling FM Antenna, Built-in MW Antenna
- **Volume Control:** Rotary
- **Connections:** 3.5mm Headphone Jack, 3.5mm Auxiliary Input
- **Power Source:**
 - AC Mains: 230V ~ 50Hz (with detachable power cord)
 - Batteries: 4 x 1.5V Type D/R20/UM1 (not supplied)
- **Product Dimensions (W x D x H):** 270 mm x 73 mm x 153 mm
- **Net Weight:** 0.9 kg
- **Color:** Black

10. WARRANTY AND SUPPORT

This product is covered by a standard manufacturer's warranty. For detailed warranty terms and conditions, please refer to the warranty card included with your purchase or contact your retailer. For technical support, troubleshooting assistance beyond this manual, or spare parts, please contact MUSE customer service through their official website or the contact information provided by your retailer.

Related Documents - M-091R

	<p>MUSE M-10 CPK Dual Alarm Clock Radio User Manual</p> <p>Comprehensive user manual for the MUSE M-10 CPK dual alarm clock radio, covering setup, operation, alarm functions, radio listening, sleep timer, and safety instructions.</p>
	<p>MUSE M-160 WMC Digital Wall Clock with Temperature and Humidity - User Manual</p> <p>Comprehensive user manual for the MUSE M-160 WMC digital wall clock. Learn how to set the time, alarms, and understand temperature/humidity readings. Includes safety instructions and disposal information.</p>
	<p>MUSE M-150 CDB DAB+/FM Dual Alarm Clock Radio User Manual</p> <p>Comprehensive user manual for the MUSE M-150 CDB DAB+/FM Dual Alarm Clock Radio, detailing setup, operation, alarms, radio tuning, safety, and specifications.</p>

	<p><u>Muse M-056 AG/SC/VB Portable Radio User Manual</u></p> <p>User manual for the Muse M-056 AG, M-056 SC, and M-056 VB portable radio. Provides instructions on operation, controls, power supply, radio tuning, auxiliary input, technical specifications, and safety guidelines.</p>
	<p><u>MUSE M-087 R Portable PLL 2-Band Radio User Manual</u></p> <p>User manual for the MUSE M-087 R portable PLL 2-band radio, detailing its features, operation, setup, technical specifications, and safety guidelines.</p>
	<p><u>MUSE M-278 BT / M-279 FB Stereo Bluetooth Headphones User Manual</u></p> <p>User manual for MUSE M-278 BT and M-279 FB Stereo Bluetooth Headphones, covering controls, power supply, Bluetooth pairing, AUX jack usage, troubleshooting, and specifications. Learn how to operate and maintain your wireless headphones.</p>