Makita DMR102

Makita DMR102 AM/FM Corded/Cordless Jobsite Radio Instruction Manual

Model: DMR102

1. Introduction

This manual provides essential instructions for the safe and effective operation of your Makita DMR102 AM/FM Corded/Cordless Jobsite Radio. The DMR102 is designed for durability and performance in demanding environments, offering both AM/FM radio reception and auxiliary input capabilities. It operates using either Makita 7.2V-18V slide and pod style batteries or an AC power source.

Key features include a weather and water-resistant design, an LCD digital display for frequency and settings, push-button digital tuning, and programmable presets. Please read this manual thoroughly before use and retain it for future reference.

2. Safety Information

Always observe basic safety precautions when using electrical appliances to reduce the risk of fire, electric shock, and personal injury. This radio is designed for jobsite use and features a robust construction. However, it is not fully waterproof and should not be submerged. Protect the unit from excessive moisture and direct sunlight.

- Do not expose the radio to rain or wet conditions for extended periods.
- Ensure the AC adapter is connected to a suitable power outlet.
- Use only specified Makita batteries and chargers.
- Do not attempt to disassemble or modify the radio.
- Keep ventilation openings clear of debris.

3. Component Identification



Figure 1: Front view of the Makita DMR102 Jobsite Radio, showing the display, control buttons, volume knob, and speakers.

1. **LCD Digital Display:** Shows frequency, time, presets, and volume.
2. **Power Button:** Turns the radio on/off.
3. **Band Button:** Switches between AM and FM bands.

4. **Tuning Buttons:** For manual or automatic station tuning.
5. **Preset Buttons (1-5):** Store and recall favorite stations.
6. **Volume Knob:** Adjusts audio output level.
7. **Auxiliary Input Jack:** For connecting external audio devices.
8. **AC Adapter Port:** For connecting the included AC adapter.
9. **Battery Compartment:** Located at the rear, for Makita 7.2V-18V batteries.
10. **Antenna:** Flexible rubberized antenna for radio signal reception.

4. Setup

4.1 Powering the Radio

The DMR102 radio can be powered by either a Makita battery or the included AC adapter.

Using the AC Adapter

1. Locate the AC adapter port on the radio.
2. Connect the included AC adapter (Model: SE00000457) to the radio's AC adapter port.
3. Plug the AC adapter into a standard electrical outlet.
4. The radio will power on using AC current.

Using a Makita Battery



Figure 2: Example of a Makita 18V Lithium-Ion battery, compatible with the DMR102 radio.

1. Open the battery compartment cover located on the rear of the radio.
2. Insert a charged Makita 7.2V - 18V slide or pod style battery into the compartment, ensuring it clicks into place.
3. Close the battery compartment cover securely.
4. The radio will now operate on battery power. The radio can run up to 21 hours on a single charge using a 3.3 Ah battery.

Note: Batteries are not included with the radio and must be purchased separately.

4.2 Setting the Clock

Refer to the specific instructions in the full user manual for detailed clock setting procedures. Generally, this involves pressing a 'Time Set' or 'Clock' button, then using tuning buttons to adjust hours and minutes, and confirming the setting.

5. Operating Instructions

5.1 Turning On/Off and Volume Control

- Press the **Power** button to turn the radio on or off.
- Rotate the **Volume** knob clockwise to increase volume and counter-clockwise to decrease volume. The volume level will be displayed on the LCD.

5.2 AM/FM Radio Tuning

1. Press the **Band** button to select either AM or FM radio. The selected band will appear on the display.
2. **Automatic Tuning:** Press and hold the **Tuning Up** or **Tuning Down** button for a few seconds. The radio will automatically scan and stop at the next strong station.
3. **Manual Tuning:** Briefly press the **Tuning Up** or **Tuning Down** button repeatedly to adjust the frequency step by step.
4. Adjust the antenna position for optimal reception. The antenna is flexible and can be rotated.

5.3 Storing and Recalling Presets

The radio allows you to store up to 5 AM and 5 FM stations as presets.

Storing a Station

1. Tune to the desired AM or FM station.
2. Press and hold one of the **Preset Buttons (1-5)** until you hear a beep or see the preset number flash on the display. The station is now stored.

Recalling a Station

- Briefly press the corresponding **Preset Button (1-5)** to instantly tune to the stored station.

5.4 Using the Auxiliary Input

You can connect an external audio device, such as an MP3 player or smartphone, to the radio.

1. Connect a 3.5mm audio cable (not included) from your external device's headphone jack to the radio's **Auxiliary Input Jack**.
2. Press the **Band** button until "AUX" or "MP3" appears on the display.
3. Start playback on your external device. Adjust the volume on both the radio and your external device for optimal sound.

5.5 Alarm Function

The DMR102 features two alarm settings, allowing you to wake up to either the radio or a buzzer. Refer to the detailed instructions in the complete user manual for setting and activating the alarms.

6. Maintenance

6.1 Cleaning

- Wipe the radio with a soft, damp cloth. Do not use harsh chemicals or abrasive cleaners.
- Ensure all ports and openings are free from dust and debris.

6.2 Weather Resistance

The radio has a weather and water-resistant design, capable of withstanding up to 5 minutes of exposure to rain. However, it is not designed for prolonged exposure to heavy rain or submersion. Always ensure the battery compartment cover and auxiliary input cover (if present) are securely closed to maintain resistance.

6.3 Battery Care

- Remove batteries when the radio is not in use for extended periods.

- Store batteries in a cool, dry place.
- Follow Makita's guidelines for battery charging and disposal.

7. Troubleshooting

If you encounter issues with your DMR102 radio, refer to the following common problems and solutions:

Problem	Possible Cause	Solution
Radio does not turn on.	No power supply; battery depleted or not inserted correctly; AC adapter not connected.	Ensure AC adapter is securely plugged in or battery is charged and correctly inserted.
Poor radio reception.	Weak signal; antenna position; interference.	Adjust antenna position. Move radio to a different location. Check for nearby electronic interference.
No sound from auxiliary input.	Cable not connected; incorrect input selected; volume too low on device or radio.	Ensure audio cable is fully inserted. Select AUX mode. Increase volume on both the radio and the external device.
Display is blank or flickering.	Low battery; power issue.	Replace or charge battery. Check AC adapter connection.

If the problem persists after attempting these solutions, please contact Makita customer support.

8. Specifications

Feature	Detail
Model Number	DMR102
Power Source	AC (via adapter) or Makita 7.2V - 18V Li-ion/Ni-MH batteries
Voltage	18 Volts (max battery voltage)
Wattage	1 watt
Radio Bands	AM / FM (2-Band)
Tuner Technology	Digital FM
Connectivity Technology	Auxiliary (3.5mm jack)
Special Features	Rechargeable (when using compatible Makita batteries and charger), Weather Resistant
Product Dimensions	28 x 16.3 x 30.2 cm (11 x 6.4 x 11.9 inches)
Item Weight	3.99 kg (8.8 lbs)
Included Components	DMR102 radio, AC Adapter (SE00000457)
Batteries Included	No
Date First Available	November 7, 2014

9. Warranty Information

The Makita DMR102 Jobsite Radio comes with a **3-year limited warranty** from the date of purchase. This warranty covers defects in materials and workmanship under normal use. For full warranty terms and conditions, please refer to the warranty card included with your product or visit the official Makita website.
Proof of purchase is required for all warranty claims.

10. Support

For further assistance, technical support, or to locate authorized service centers, please contact Makita customer service or visit the official Makita website:

Makita Official Website: www.makita.ca (or your regional Makita website)

Makita Store on Amazon: Visit the Makita Store

When contacting support, please have your product model number (DMR102) and serial number (if applicable) ready.

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

Email

you@example.com

After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. Privacy details.

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