Makita DMR112

Makita DMR112 Job Site Radio Instruction Manual

Model: DMR112

Product Overview

The Makita DMR112 Job Site Radio is a robust and versatile audio solution designed for demanding work environments. It supports both DAB and DAB+ digital radio, as well as traditional FM radio. Equipped with Bluetooth connectivity, it allows for wireless streaming from mobile devices. The radio offers flexible power options, operating on Makita 7.2V, 10.8V, 12V, 14.4V, or 18V Li-ion batteries (not included) or via the included AC power adapter. Its durable construction features elastomer bumpers for protection against impacts and an IP64 rating for dust and shower resistance, making it ideal for job site use. Additionally, it includes an AUX IN jack for personal audio players and a USB port for charging mobile devices.





Figure 1: Front view of the Makita DMR112 Job Site Radio, showcasing its robust design and control panel.

Setup

1. Power Source Connection

The DMR112 radio can be powered by either an AC adapter or a Makita Li-ion battery. Ensure the power source is securely connected before operation.

- **AC Power:** Connect the supplied AC power adapter to the DC IN jack on the radio and then plug it into a standard wall outlet.
- **Battery Power:** Insert a compatible Makita 7.2V, 10.8V, 12V, 14.4V, or 18V Li-ion battery into the battery compartment. Ensure the battery clicks into place. *Note: G-series batteries are not compatible.*




Bluetooth
DAB+ Digital Audio Broadcasting
makita
LXT



Figure 2: Rear view of the radio, illustrating the battery compartment for Li-ion battery insertion.

2. Antenna Adjustment

For optimal radio reception, extend the antenna fully and adjust its direction. The antenna can be folded down when not in use or for transport to prevent damage.



Figure 3: Close-up of the radio's antenna, which can be extended and folded for optimal reception and storage.

Operating Instructions

1. Power On/Off and Volume Control

Press the power button to turn the radio on or off. Rotate the volume knob to adjust the audio level. The LCD display will show current settings and information.




makita
BAND
ADVANCED
INFO
FM P1
87.50 MHz
Bluetooth
PAIR
PRESETS
1
2
3
4
5
DAB+
VOLUME
PUSH→TUNING/SELECT
AUTO TUNE

Figure 4: Front panel of the radio, highlighting the LCD display and main control knob for tuning and volume.

2. Radio Tuning (DAB/DAB+, FM)

- **Mode Selection:** Press the "BAND" button to switch between DAB/DAB+ and FM radio modes.
- **Automatic Tuning:** In radio mode, press the "AUTO TUNE" button to automatically scan and store available stations.
- **Manual Tuning:** Use the tuning knob to manually search for stations.
- **Presets:** Store your favorite stations using the preset buttons (1-5) for quick access.

3. Bluetooth Connectivity

The DMR112 features Bluetooth Class 2 for wireless audio streaming from compatible mobile devices.

1. Ensure the radio is powered on.
2. Press the "MODE" button until "Bluetooth" is selected on the LCD display.
3. On your mobile device, enable Bluetooth and search for available devices.
4. Select "DMR112" from the list of devices to pair.
5. Once paired, you can stream audio from your device to the radio. The Bluetooth range is up to 10 meters.

4. AUX IN Connection

Connect personal audio players (e.g., MP3 players) to the radio using a 3.5mm audio cable via the AUX IN jack.

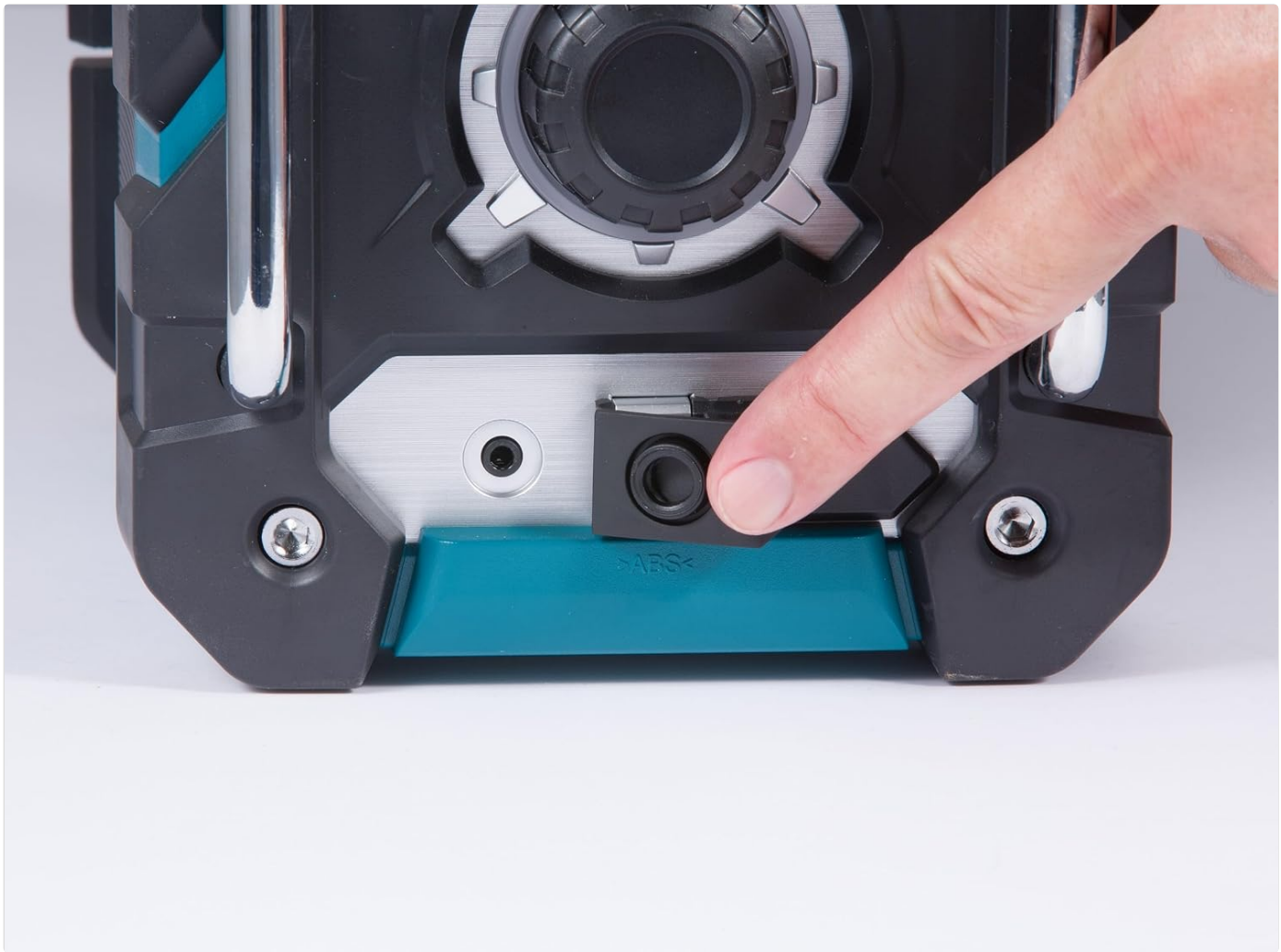


Figure 5: Detail of the AUX IN port, allowing connection of external audio devices.

5. USB Charging Port

The integrated USB port allows you to charge compatible mobile devices while the radio is powered on.



Figure 6: Close-up of the USB charging port, useful for powering mobile devices on the job site.

Maintenance

Regular maintenance ensures the longevity and optimal performance of your Makita DMR112 Job Site Radio.

- **Cleaning:** Wipe the radio with a soft, damp cloth. Do not use harsh chemicals or abrasive cleaners.
- **Dust and Water Resistance:** The radio has an IP64 rating, meaning it is protected against dust ingress and splashing water from any direction. However, it is not designed for submersion. Ensure all covers (e.g., USB, AUX) are properly closed to maintain water resistance.
- **Storage:** Store the radio in a clean, dry place when not in use. If storing for extended periods, remove the battery.

Troubleshooting

Problem	Possible Cause	Solution
Radio does not power on.	No power from AC adapter or battery. Battery depleted or incompatible.	Check AC adapter connection. Ensure battery is charged and correctly inserted. Verify battery compatibility (not G-series).
Poor radio reception.	Antenna not extended or poor signal area.	Extend antenna fully and adjust its position. Try moving the radio to a different location.

Problem	Possible Cause	Solution
Bluetooth device not pairing.	Bluetooth not enabled on radio or device. Device out of range.	Ensure radio is in Bluetooth mode. Check Bluetooth settings on your device. Move device closer to the radio (within 10m).
No sound from AUX IN.	Cable not connected properly or external device volume too low.	Check AUX cable connection. Increase volume on both the radio and the connected device.

Specifications

Model: DMR112

Brand: Makita

FM Frequency Range: 87.5 to 108 MHz

DAB/DAB+ Frequency Range: Band III 5 A to 13 F

Connectivity: Bluetooth (Class 2, up to 10m range), AUX IN (3.5mm jack), USB (for charging mobile devices)

Power Source: AC power adapter or Makita 7.2V, 10.8V, 12V, 14.4V, 18V Li-ion batteries (batteries not included)

Speakers: Two 89mm diameter speakers

Dust and Shower Proof: IP64 rated

Display: LCD

Color: Blue

Warranty and Support

Makita provides a 1-year manufacturer's warranty for the DMR112 Job Site Radio. An additional 2 years of warranty can be obtained by registering the product within 30 days of purchase. Please note the following warranty conditions:

- This warranty does not cover non-genuine or non-recommended parts or accessories fitted to the tool.
- The use of non-genuine or incompatible batteries and chargers with Makita tools will invalidate the Makita warranty.

For technical support, service, or warranty claims, please contact your authorized Makita dealer or visit the official Makita website for contact information in your region.

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Question

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Details

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Submit question