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Makita DMR115

Makita DMR115 Job Site Radio User Manual

Comprehensive instructions for setup, operation, and maintenance of your Makita DMR115 Job Site Radio.

1. Introduction

Thank you for choosing the Makita DMR115 Job Site Radio. This manual provides essential information for the safe and efficient use of your radio. Please read these instructions thoroughly before operation and retain them for future reference.

The Makita DMR115 is a robust job site radio designed for demanding environments, offering DAB/DAB+ digital radio, FM reception, and Bluetooth connectivity. It is compatible with Makita 12V max CXT and 18V LXT Lithium-Ion batteries, and can also be powered by the included AC adapter.





Figure 1: Makita DMR115 Job Site Radio, showing its robust construction and control panel.

2. Safety Instructions

Always observe basic safety precautions when using electrical appliances to reduce the risk of fire, electric shock, and personal injury.

- **Power Source:** Use only the specified AC adapter or compatible Makita batteries. Ensure the voltage matches the radio's requirements.
- **Water Exposure:** The radio has IP65 splash protection. Do not immerse it in water or expose it to heavy rain. Ensure battery compartment covers are securely closed.
- **Ventilation:** Do not block ventilation openings. Ensure adequate airflow around the unit.
- **Placement:** Place the radio on a stable, level surface. Avoid extreme temperatures, direct sunlight, and high humidity.
- **Cleaning:** Disconnect from power before cleaning. Use a soft, damp cloth. Do not use abrasive cleaners or solvents.
- **Servicing:** Do not attempt to service the radio yourself. Refer all servicing to qualified Makita service personnel.

3. Product Components

Familiarize yourself with the main parts of your DMR115 radio.





Figure 2: Front view of the radio, highlighting the display and control buttons.

- **Display Screen:** Shows radio station, time, and menu options.
- **Control Panel:** Buttons for power, band selection, advanced settings, info, and preset stations.
- **Volume/Tuning Knob:** Rotates for volume adjustment and menu navigation; presses for selection.
- **Speakers:** Integrated stereo speakers and a subwoofer for enhanced sound quality.
- **USB Charging Port (5V/2.4A):** For charging external devices.
- **AUX IN Port:** For connecting external audio sources via a 3.5mm jack.
- **Battery Compartment:** Located at the rear, for Makita 12V max CXT or 18V LXT Lithium-Ion batteries.
- **AC Adapter Port:** For connecting the supplied AC power adapter.
- **Handle:** Integrated into the design for easy portability, also houses the antenna.



Figure 3: Detail of the USB charging port and AUX IN port, protected by a rubber cover.



Figure 4: The battery compartment, designed for Makita 12V max CXT or 18V LXT Lithium-Ion batteries.

4. Setup

4.1 POWERING THE RADIO

The DMR115 can be powered by either an AC adapter or a Makita Lithium-Ion battery.

4.1.1 Using the AC Adapter

1. Connect the supplied AC adapter to the DC IN socket on the radio.
2. Plug the AC adapter into a standard wall outlet.
3. The radio will power on using AC current. Note that the AC adapter does not charge batteries.

4.1.2 Using a Battery

1. Open the battery compartment cover at the rear of the radio.
2. Insert a charged Makita 12V max CXT or 18V LXT Lithium-Ion battery into the battery slot, ensuring it clicks into place.
3. Close the battery compartment cover securely to maintain IP65 protection.
4. The radio will now operate on battery power.



Figure 5: Compatible Makita 12V max CXT and 18V LXT Lithium-Ion battery types.

4.2 INITIAL POWER ON

Press the **Power** button (usually marked with a circle and vertical line symbol) on the control panel to turn the radio on. The display will illuminate.

5. Operating Instructions

5.1 RADIO MODES (DAB/DAB+, FM)

1. Press the **BAND** button to cycle through DAB, DAB+, and FM radio modes.
2. **DAB/DAB+ Mode:**
 - Upon first use, the radio will perform an auto-scan for available DAB/DAB+ stations.
 - Rotate the **Volume/Tuning** knob to browse available stations. Press the knob to select a station.
3. **FM Mode:**
 - Rotate the **Volume/Tuning** knob to manually tune to a frequency.
 - Press the **AUTO TUNE** button (if available, or hold tuning knob) for automatic station scanning.



Figure 6: DAB+ digital radio capability.

5.2 BLUETOOTH CONNECTIVITY

Connect your mobile device to the radio via Bluetooth for wireless audio streaming.

1. Press the **BAND** button until "Bluetooth" is displayed.
2. The radio will enter pairing mode, indicated by a flashing Bluetooth icon on the display.
3. On your mobile device, enable Bluetooth and search for available devices. Select "DMR115" from the list.
4. Once paired, the Bluetooth icon will stop flashing and remain solid. You can now stream audio from your device.

5.3 AUX IN MODE

Connect external audio devices using a 3.5mm audio cable (not supplied).

1. Connect one end of the 3.5mm audio cable to the AUX IN port on the radio.
2. Connect the other end to the headphone jack or audio output of your external device.

3. Press the **BAND** button until "AUX IN" is displayed.
4. Play audio from your external device. Control volume via the radio's volume knob.

5.4 USB CHARGING

The USB port can charge compatible external devices (e.g., smartphones) when the radio is powered by AC or a battery.

1. Connect your device's USB charging cable to the USB port (5V/2.4A) on the radio.
2. Charging will begin automatically.

5.5 SOUND SETTINGS (EQUALIZER)

Adjust the sound profile to your preference using the built-in equalizer.





Figure 7: Display showing equalizer presets like Flat, Jazz, Rock, Classic, Pop, News, and My EQ.

1. Press the **ADVANCED** button to access settings, then navigate to "Equalizer".
2. Rotate the **Volume/Tuning** knob to select from preset equalizer modes (e.g., Flat, Jazz, Rock, Classic, Pop, News).
3. Select "My EQ" to customize bass and treble levels. Press the knob to confirm your selection.

6. Maintenance

6.1 CLEANING

- Always disconnect the radio from the power source (AC adapter or battery) before cleaning.
- Wipe the exterior of the radio with a soft, damp cloth.
- Do not use harsh chemicals, cleaning solvents, or strong detergents, as these may damage the radio's finish.
- Ensure all covers (e.g., battery compartment, USB/AUX ports) are closed when not in use to maintain water and dust resistance.

6.2 STORAGE

- When not in use for extended periods, remove the battery and store the radio in a dry, cool place away from direct sunlight.
- Avoid storing the radio in areas with extreme temperatures or high humidity.

7. Troubleshooting

If you encounter issues with your DMR115 radio, refer to the following table for common problems and solutions.

Problem	Possible Cause	Solution
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Problem	Possible Cause	Solution
Radio does not turn on.	No power supply; battery depleted; AC adapter not connected properly.	Ensure AC adapter is securely plugged in or replace with a charged battery.
Poor radio reception (DAB/FM).	Weak signal; interference; antenna position.	Relocate the radio to an area with better reception. Adjust the integrated handle/antenna for optimal signal. Perform an auto-scan for DAB stations.
Bluetooth device cannot pair.	Radio not in pairing mode; device too far; device already paired with another unit.	Ensure radio is in Bluetooth pairing mode. Move device closer to the radio. Disconnect from other Bluetooth devices.
No sound from AUX IN.	Cable not connected; incorrect mode; external device volume low.	Check AUX cable connection. Ensure radio is in AUX IN mode. Increase volume on both the radio and the external device.
USB charging not working.	Device incompatible; cable faulty; radio off.	Ensure your device is compatible with 5V/2.4A USB charging. Try a different USB cable. Ensure the radio is powered on.

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

8. Specifications

Feature	Detail
Model Number	DMR115
Power Source	AC Adapter or Makita 12V max CXT / 18V LXT Lithium-Ion Batteries
Radio Bands	DAB/DAB+, FM
Connectivity	Bluetooth, AUX IN (3.5mm)
USB Output	5V / 2.4A (for charging external devices)
Special Features	Robust construction, IP65 splash protection, Equalizer, Subwoofer
Dimensions (L x W x H)	26.8 x 16.4 x 29.5 cm (approx.)
Manufacturer	Makita
Country of Origin	China

9. Warranty and Support

9.1 MANUFACTURER'S WARRANTY

The Makita DMR115 Job Site Radio comes with a **2-year manufacturer's warranty**. This warranty covers defects in materials and workmanship under normal use. Please retain your proof of purchase for warranty

claims.

For full details regarding warranty terms and conditions, please refer to the warranty card included with your product or visit the official Makita website.

9.2 CUSTOMER SUPPORT

For technical assistance, spare parts information, or service inquiries, please contact Makita customer support directly. Contact information can typically be found on the official Makita website or in the documentation supplied with your product.

Note: Information regarding spare parts availability is not provided in the product details. Please contact Makita support for specific inquiries.