Makita DMR055

Makita DMR055 14.4V/18V Li-Ion LXT Radio with Flashlight User Manual

Model: DMR055

Introduction

The Makita DMR055 is a versatile multi-function FM/AM radio combined with a powerful flashlight, designed for use with 14.4V or 18V LXT slide-type batteries (not included). This device offers superior illumination and audio capabilities for various work environments. This manual provides comprehensive instructions to ensure safe and efficient operation, setup, maintenance, and troubleshooting of your DMR055 unit.



Figure 1: Makita DMR055 Radio with Flashlight

Important Safety Information

Always read and understand all safety warnings and instructions before operating this product. Failure to follow the warnings and instructions may result in electric shock, fire, and/or serious injury.

- **Battery Compatibility:** Use only Makita 14.4V or 18V LXT slide-type batteries. This product is **not compatible with G series batteries**.
- **Charger Compatibility:** Use only Makita original or recommended chargers. The use of batteries and chargers not original or compatible with Makita tools will invalidate the Makita warranty for our tools.
- **Avoid Water Exposure:** While the unit has a waterproof rating, avoid submerging it in water. Keep the battery compartment dry.
- **Eye Protection:** Do not stare directly into the light source, as it can cause eye injury.
- **Ventilation:** Ensure proper ventilation around the unit during operation to prevent overheating.
- **Secure Placement:** When using the flashlight, ensure it is placed on a stable surface or securely hung to prevent falling.

Product Features

The Makita DMR055 combines multiple functionalities into one compact and durable unit:

- Multifunction FM/AM Radio with a frequency range of FM 87.5 to 108 MHz and AM 522 to 1,710 kHz.
- Integrated Flashlight with 360-degree coverage, offering up to 4 sides of 130 lx and 3 sides of 115 lx lighting.
- High luminous flux: 4 sides of 260 lm and 3 sides of 190 lm.
- Convenient On/Off button and mode selection for easy operation.
- Memory function to recall the last brightness and light tone adjustment settings.
- Clear LCD digital display for showing FM/AM radio station frequency.
- 9 preset stations each for FM and AM for quick access to your favorite channels.
- Adjustable volume level.
- Equipped with a USB output port for charging compatible devices.
- Features a battery capacity warning function and overload protection.
- The lens protector ingeniously doubles as the FM antenna.

Setup

Battery Installation

1. Ensure the unit is turned off.
2. Locate the battery compartment at the base of the unit.
3. Align a charged Makita 14.4V or 18V LXT slide-type battery with the battery slot.
4. Slide the battery firmly into place until it clicks, indicating it is securely locked.
5. To remove the battery, press the release button on the battery and slide it out.

Initial Power On

After installing the battery, press the **ON/OFF** button (power symbol) located on the control panel to power on the unit.



Figure 2: Pressing the Power Button

Operating Instructions

Radio Operation



Figure 3: Control Panel and LCD Display

- **Mode Selection:** Press the **MODE** button to switch between FM and AM radio bands.
- **Tuning:** Use the **TUNE** up/down arrows to manually adjust the frequency. The LCD display will show the current frequency.
- **Preset Stations:** The unit supports 9 preset stations for both FM and AM. To save a station, tune to the desired frequency, then press and hold the **PRESET** button until the preset number flashes. Use the **TUNE** arrows to select a preset number (1-9), then press **PRESET** again to confirm. To recall a preset, briefly press the **PRESET** button and use the **TUNE** arrows to select the desired preset.
- **Volume Control:** Use the volume up/down buttons (speaker icons) to adjust the audio level.

Flashlight Operation



Figure 4: Flashlight in Use



Figure 5: Flashlight Hung for Area Lighting

- **Turning On/Off:** The flashlight function is typically activated by pressing the power button or a dedicated light button (refer to the control panel layout).
- **Brightness and Light Tone Adjustment:** The DMR055 allows for adjustment of light brightness and tone. Use the designated buttons (often integrated with the radio controls or separate) to cycle through different light modes and intensities. The memory function will recall your last setting.
- **Versatile Lighting:** The unit provides 360-degree coverage, making it ideal for illuminating large areas. It can be placed on a flat surface or hung using the integrated hook for overhead lighting.

USB Output Port

The DMR055 features a USB output port, allowing you to charge compatible electronic devices such as smartphones or tablets. Simply connect your device's USB charging cable to the port on the DMR055. Ensure the unit has sufficient battery charge to power both its functions and the connected device.

Maintenance

- **Cleaning:** Regularly wipe the unit with a soft, damp cloth. Do not use harsh chemicals or abrasive cleaners. Ensure the unit is dry before storing or using.
- **Battery Care:** Store batteries in a cool, dry place away from direct sunlight. Do not store fully discharged batteries for extended periods. Charge batteries before long-term storage.
- **Lens Protection:** Keep the flashlight lens clean and free from scratches to maintain optimal light output.
- **Storage:** When not in use, store the DMR055 in a dry, secure location, out of reach of children.

Troubleshooting

Problem	Possible Cause	Solution
Unit does not power on	Battery not installed correctly Battery is discharged Incorrect battery type	Ensure battery is fully inserted and clicked into place Charge the battery Use only Makita 14.4V or 18V LXT batteries (not G series)

Problem	Possible Cause	Solution
Poor radio reception	Weak signal Interference Antenna not positioned correctly	Relocate the unit to an area with better signal Move away from other electronic devices Adjust the unit's position, as the lens protector acts as the FM antenna
Flashlight not working	Unit not powered on Battery discharged Light mode not selected	Ensure the unit is powered on Charge the battery Cycle through light modes using the appropriate button
USB charging not working	Unit battery too low Device not compatible Cable issue	Ensure the unit's battery has sufficient charge Verify device compatibility with USB charging Try a different USB cable

Specifications

Feature	Detail
Model Number	DMR055
Power Source	Battery Powered (Makita 14.4V/18V LXT Li-Ion)
FM Frequency Range	87.5 - 108 MHz
AM Frequency Range	522 - 1,710 kHz
Luminous Flux (4 sides)	260 lm
Luminous Flux (3 sides)	190 lm
Illumination (4 sides)	130 lx
Illumination (3 sides)	115 lx
USB Output Port	Yes
Display Style	LCD
Water Resistance Level	Waterproof
Dimensions (L x W x H)	4.72" x 4.72" x 4.72"
Item Weight	2.64 pounds (1.2 Kilograms)
Material	Plastic and Metal
Included Components	1 x Leash Hook, 1 x Makita DMR055

Warranty and Support

The Makita DMR055 comes with a **1-year manufacturer warranty**. This warranty can be extended by **2 additional years** when registered within 30 days of purchase. Please note that this warranty does not apply when non-original or recommended parts or accessories are installed on the tool. The use of batteries and chargers not original or compatible with Makita tools will invalidate the Makita warranty for our tools.
For further support, technical assistance, or warranty claims, please contact Makita customer service or visit the

official Makita website.

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