

Bmi M-117-DB

BMI Muse M-117-DB DAB+/FM Digital Radio User Manual

Model: M-117-DB

[Overview](#) [Setup](#) [Introduction](#) [Safety Instructions](#) [Package Contents](#) [Product](#)
[Operation](#) [Maintenance](#) [Troubleshooting](#) [Specifications](#) [Warranty & Support](#)

1. INTRODUCTION

Thank you for purchasing the BMI Muse M-117-DB DAB+/FM Digital Radio. This manual provides essential information for the safe and efficient operation of your new device. Please read it thoroughly before use and retain it for future reference.

2. IMPORTANT SAFETY INSTRUCTIONS

- Read all instructions carefully before operating the device.
- Do not expose the unit to rain, moisture, or direct sunlight.
- Ensure proper ventilation; do not block any ventilation openings.
- Use only the specified power adapter (100-240V ~ 50/60Hz) or 4 x 1.5V AA/UM3/R6/LR6 batteries (not supplied).
- Avoid placing the unit near heat sources such as radiators, heat registers, stoves, or other apparatus (including amplifiers) that produce heat.
- Protect the power cord from being walked on or pinched, particularly at plugs, convenience receptacles, and the point where they exit from the apparatus.
- Unplug this apparatus during lightning storms or when unused for long periods of time.
- Refer all servicing to qualified service personnel. Servicing is required when the apparatus has been damaged in any way, such as power-supply cord or plug is damaged, liquid has been spilled or objects have fallen into the apparatus, the apparatus has been exposed to rain or moisture, does not operate normally, or has been dropped.

3. PACKAGE CONTENTS

Please check that the following items are included in your package:

- BMI Muse M-117-DB DAB+/FM Digital Radio
- External AC Power Adapter
- User Manual (this document)

4. PRODUCT OVERVIEW

Familiarize yourself with the components of your radio.



Figure 1: Front view of the BMI Muse M-117-DB DAB+/FM Digital Radio. This image displays the radio's main features, including the speaker grille, the 2.8-inch color TFT LCD screen, and the control buttons located on the top panel. The telescopic antenna is extended, indicating readiness for radio reception. The screen shows current DAB information, time, and playback status.

4.1 Front Panel

- **Speaker Grille:** Audio output.
- **2.8" TFT LCD Color Display:** Shows station information, time, menu options, and slideshows. Display intensity is adjustable.

4.2 Top Panel Controls

- **Power Button:** Turns the radio on/off.
- **Mode Button:** Switches between FM and DAB/DAB+ modes.
- **Volume Up/Down Buttons:** Adjusts the audio volume.
- **Tune/Select Knob:** Rotates to tune stations or navigate menus, press to select.
- **Preset Buttons:** Accesses stored radio stations.
- **Menu Button:** Enters the menu settings.
- **Alarm Button:** Sets and manages alarms.

4.3 Rear/Side Panel

- **Telescopic FM Antenna:** Extend for optimal FM reception.
- **Auxiliary Input (3.5mm):** Connect external audio devices.
- **Headphone Jack:** Connect headphones for private listening.
- **DC IN Jack:** Connect the external AC power adapter.
- **Battery Compartment:** Holds 4 x 1.5V AA batteries (not supplied).

5. SETUP

5.1 Powering the Radio

The Muse M-117-DB can be powered by either the included AC adapter or batteries.

Using the AC Adapter:

1. Insert the small plug of the external AC power adapter into the DC IN jack on the radio.
2. Plug the other end of the adapter into a standard wall outlet (100-240V ~ 50/60Hz).

Using Batteries:

1. Open the battery compartment cover on the rear of the unit.
2. Insert 4 x 1.5V AA/UM3/R6/LR6 batteries (not supplied), ensuring correct polarity (+/-).
3. Close the battery compartment cover securely.

Note: When both AC power and batteries are connected, the unit will primarily use AC power.

5.2 Antenna Adjustment

For optimal FM and DAB/DAB+ reception, fully extend the telescopic antenna. Adjust its position for the best signal quality.

6. OPERATING INSTRUCTIONS

6.1 Basic Operation

1. **Power On/Off:** Press the **Power** button to turn the radio on or off.
2. **Volume Adjustment:** Use the **Volume Up/Down** buttons to increase or decrease the sound level.
3. **Mode Selection:** Press the **Mode** button to switch between DAB/DAB+ and FM radio modes.

6.2 DAB/DAB+ Radio Operation

1. Switch to DAB mode using the **Mode** button.

2. The radio will automatically scan for available DAB/DAB+ stations upon first use or if no stations are found.
3. To perform a manual scan, press the **Menu** button, navigate to "Scan" or "Full Scan" using the **Tune/Select** knob, and press to confirm.
4. Rotate the **Tune/Select** knob to browse through the list of available stations. Press the knob to select a station.
5. **Storing Presets:**
 - a. Tune to the desired DAB station.
 - b. Press and hold one of the **Preset** buttons (e.g., P1-P10) until the display shows "Preset Saved".
 - c. To recall a preset, simply press the corresponding **Preset** button briefly.
6. **Slideshow Function:** If available from the broadcast, the display will show images or text related to the current program.

6.3 FM Radio Operation

1. Switch to FM mode using the **Mode** button.
2. **Automatic Tuning:** Press and hold the **Tune/Select** knob for a few seconds to automatically scan for the next available station.
3. **Manual Tuning:** Rotate the **Tune/Select** knob to manually adjust the frequency.
4. **Storing Presets:**
 - a. Tune to the desired FM station.
 - b. Press and hold one of the **Preset** buttons (e.g., P1-P10) until the display shows "Preset Saved".
 - c. To recall a preset, simply press the corresponding **Preset** button briefly.

6.4 Alarm Functions

The radio features alarm, snooze, and sleep functions.

1. **Setting an Alarm:**
 - a. Press the **Alarm** button.
 - b. Use the **Tune/Select** knob to set the alarm time, source (DAB/FM/Buzzer), and volume. Press the knob to confirm each setting.
 - c. Activate the alarm by selecting "On".
2. **Snooze Function:** When the alarm sounds, press any button (except Power) to activate snooze. The alarm will sound again after a short interval.
3. **Sleep Function:** Press the **Menu** button, navigate to "Sleep", and select a sleep timer duration (e.g., 15, 30, 60 minutes). The radio will automatically turn off after the set time.

6.5 Auxiliary Input

Connect an external audio device (e.g., MP3 player, smartphone) to the 3.5mm Auxiliary Input jack using a 3.5mm audio cable (not supplied). Switch the radio to AUX mode (if available, otherwise it might automatically detect or require menu selection) to play audio from the connected device.

6.6 Headphone Use

Plug standard 3.5mm headphones into the headphone jack for private listening. The internal speaker will be muted automatically.

6.7 Display Settings

To adjust the display intensity (brightness), press the **Menu** button, navigate to "Display" or "Backlight", and use the **Tune/Select** knob to choose your preferred brightness level.

7. MAINTENANCE

7.1 Cleaning

- Always unplug the radio from the power source before cleaning.
- Use a soft, dry cloth to wipe the exterior surfaces.
- Do not use abrasive cleaners, waxes, or solvents as they may damage the finish.

7.2 Storage

If you plan to store the radio for an extended period, remove the batteries to prevent leakage and damage. Store the unit in a cool, dry place away from direct sunlight.

8. TROUBLESHOOTING

Problem	Possible Cause	Solution
No power	AC adapter not connected properly; Batteries depleted or incorrectly inserted.	Check AC adapter connection; Replace batteries or ensure correct polarity.
Poor radio reception	Antenna not extended; Weak signal area; Interference.	Fully extend and adjust the telescopic antenna; Try moving the radio to a different location; Avoid placing near other electronic devices.
No sound	Volume too low; Headphones connected; Mute activated.	Increase volume; Disconnect headphones; Check if mute is active (if applicable).
DAB stations not found	No DAB signal in the area; Scan not performed.	Perform a full DAB scan; Check DAB coverage in your area.

9. SPECIFICATIONS

- **Model:** M-117-DB
- **Radio Type:** Digital FM, DAB/DAB+
- **Output Power:** 3W
- **Display:** 2.8" TFT LCD Color Display with adjustable intensity
- **Presets:** 20 stations (10 FM + 10 DAB)
- **Functions:** Alarm, Snooze, Sleep, Automatic Scan, Manual Scan, Slideshow
- **Connections:** Auxiliary Input (3.5mm), Headphone Jack
- **Power Supply (AC):** 100-240V ~ 50/60Hz
- **Power Supply (Batteries):** 6V (4 x 1.5V type AA/UM3/R6/LR6, not supplied)
- **Dimensions (H x D x L):** 90 mm x 45 mm x 183 mm (approx. 9H x 4.5D x 18.3L cm)
- **Net Weight:** 0.3 kg
- **Included Components:** External AC Power Adapter
- **Special Feature:** Slideshow function
- **Connectivity Technology:** Auxiliary
- **Tuning Technology:** FM
- **Supported Radio Bands:** FM
- **Compatible Devices:** Headphones, MP3 Player, Smartphone, Laptop, Tablet

10. WARRANTY AND SUPPORT

This product is covered by a standard manufacturer's warranty. For detailed warranty information, please refer to the warranty card included with your purchase or contact your retailer. For technical support or service inquiries, please contact the vendor or refer to the official BMI website.

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Name

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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