

Caliber RMD068

Caliber RMD 068-2 Car Radio USB/SD Player Instruction Manual

Model: RMD 068-2

1. INTRODUCTION

Thank you for purchasing the Caliber RMD 068-2 Car Radio USB/SD Player. This manual provides detailed instructions for the installation, operation, and maintenance of your new car radio. Please read this manual thoroughly before using the product to ensure proper functionality and safety. Keep this manual for future reference.

2. SAFETY INFORMATION

- **Installation:** Ensure the unit is installed by a qualified technician to prevent damage to the vehicle's electrical system. Incorrect wiring can cause fire or electrical shock.
- **Power Supply:** Connect the unit only to a 12V DC car battery with a negative ground.
- **Fuses:** Always replace fuses with new ones of the specified rating. Using an incorrect fuse can cause damage to the unit or vehicle.
- **Volume Level:** Do not operate the unit at excessively high volume levels, as this may impair your ability to hear external traffic sounds and could be dangerous.
- **Cleaning:** Use a soft, dry cloth for cleaning. Do not use abrasive cleaners or solvents.
- **Moisture:** Do not expose the unit to moisture or water.

3. PACKAGE CONTENTS

Please check that all items are present:

- Caliber RMD 068-2 Car Radio Unit
- Detachable Front Panel
- ISO Wiring Harness
- Mounting Frame
- Disassembly Keys (2 pcs)

- User Manual (this document)

4. PRODUCT OVERVIEW



Figure 1: Front view of the Caliber RMD 068-2 Car Radio. This image shows the main unit with its detachable front panel, including the display, control buttons, USB port, and SD card slot.

4.1 Front Panel Controls

- **POWER/MODE Button:** Press to turn on/off. Short press to switch between Radio, USB, SD, AUX modes.
- **VOLUME Knob:** Rotate to adjust volume. Press to access audio settings (Bass, Treble, Balance, Fader).
- **DISPLAY:** Shows current time, radio frequency, track information, etc.
- **USB Port:** Connect USB flash drives for media playback.
- **SD Card Slot:** Insert SD cards for media playback.
- **AUX Input (3.5mm Jack):** Connect external audio devices.
- **BAND/AMS Button:** In radio mode, press to select radio band (FM1, FM2, FM3). Long press for Automatic Memory Store.
- **PRESET Buttons (1-6):** Store and recall radio stations. In USB/SD mode, use for direct track selection.
- **PLAY/PAUSE Button:** Play or pause media playback.
- **FORWARD/BACKWARD Buttons:** Skip tracks or tune radio frequency.
- **EJECT Button:** Release the detachable front panel.

4.2 Rear Connections

The rear of the unit features standard ISO connectors for power and speakers, along with an antenna input.

- **ISO Power Connector:** For connecting to the vehicle's power supply (constant 12V, ignition 12V, ground).
- **ISO Speaker Connector:** For connecting to the vehicle's speakers (Front Left, Front Right, Rear Left, Rear Right).
- **Antenna Input:** For connecting the car's radio antenna.

5. SETUP

5.1 Installation

1. **Disconnect Battery:** Before starting, disconnect the negative terminal of your car battery to prevent short circuits.
2. **Remove Old Unit:** Carefully remove your existing car radio from the dashboard.
3. **Install Mounting Frame:** Insert the supplied mounting frame into the dashboard opening and bend the tabs to secure it.
4. **Connect Wiring:** Refer to the wiring diagram in section 5.2. Connect the ISO wiring harness to the car's wiring and then to the Caliber RMD 068-2 unit. Connect the antenna cable.
5. **Slide Unit In:** Carefully slide the Caliber RMD 068-2 unit into the mounting frame until it clicks into place.
6. **Reconnect Battery:** Reconnect the negative terminal of your car battery.
7. **Attach Front Panel:** Attach the detachable front panel to the main unit.

5.2 Wiring Diagram

The Caliber RMD 068-2 uses standard ISO connectors. Ensure correct connections as shown below. If your vehicle does not have ISO connectors, an adapter may be required.

ISO Power Connector (A)

Pin No.	Wire Color (Typical)	Function
4	Yellow	Constant 12V (Battery)
7	Red	Switched 12V (Ignition)
8	Black	Ground
5	Blue	Antenna Remote Out

ISO Speaker Connector (B)

Pin No.	Wire Color (Typical)	Function
1	Purple	Rear Right (+)
2	Purple/Black	Rear Right (-)
3	Green	Rear Left (+)
4	Green/Black	Rear Left (-)
5	Grey	Front Right (+)
6	Grey/Black	Front Right (-)
7	White	Front Left (+)
8	White/Black	Front Left (-)

Note: Wire colors may vary depending on vehicle manufacturer. Always consult your vehicle's wiring diagram.

6. OPERATING INSTRUCTIONS

6.1 Basic Functions

- **Power On/Off:** Press the **POWER/MODE** button to turn the unit on or off.
- **Volume Control:** Rotate the **VOLUME** knob clockwise to increase volume, counter-clockwise to decrease.
- **Mode Selection:** Short press the **POWER/MODE** button to cycle through available modes: Radio (FM), USB, SD, AUX.
- **Audio Settings:** Press the **VOLUME** knob to enter audio settings. Rotate the knob to select settings like BASS, TREBLE, BALANCE, FADER. Press the knob again to confirm or move to the next setting.

6.2 Radio Operation

- **Band Selection:** In Radio mode, press the **BAND/AMS** button to switch between FM1, FM2, and FM3 bands.
- **Manual Tuning:** Short press the **FORWARD/BACKWARD** buttons to fine-tune the frequency.
- **Automatic Search:** Long press the **FORWARD/BACKWARD** buttons to automatically search for the next strong station.
- **Store Presets:** Tune to your desired station. Long press one of the **PRESET (1-6)** buttons until you hear a beep. The station is now stored.
- **Recall Presets:** Short press one of the **PRESET (1-6)** buttons to recall a stored station.
- **Automatic Memory Store (AMS):** Long press the **BAND/AMS** button to automatically scan and store the strongest stations into the current band's presets.

6.3 USB/SD Playback

- **Insert Media:** Insert a USB flash drive into the USB port or an SD card into the SD card slot. The unit will automatically switch to USB/SD mode and begin playback.
- **Play/Pause:** Press the **PLAY/PAUSE** button to pause or resume playback.
- **Skip Track:** Short press the **FORWARD/BACKWARD** buttons to skip to the next or previous track.
- **Fast Forward/Rewind:** Long press the **FORWARD/BACKWARD** buttons to fast forward or rewind within a track.
- **Folder Navigation:** Use the **PRESET 5** and **PRESET 6** buttons to navigate between folders on your USB/SD media.

6.4 AUX Input

- **Connect Device:** Connect your external audio device (e.g., smartphone, MP3 player) to the 3.5mm AUX input jack on the front panel using an audio cable.
- **Select AUX Mode:** Press the **POWER/MODE** button repeatedly until "AUX" is displayed.
- **Control Playback:** Control playback (play, pause, skip) directly from your connected external device. The car radio will control the volume.

7. MAINTENANCE

- **Cleaning the Unit:** Use a soft, dry cloth to wipe the front panel and display. Do not use harsh chemicals, cleaning sprays, or abrasive cloths, as these can damage the surface.
- **Detachable Front Panel:** When detaching the front panel, handle it carefully. Store it in a protective case (if supplied) to prevent scratches or damage.

- **USB/SD Ports:** Keep the USB port and SD card slot free from dust and debris.

8. TROUBLESHOOTING

Problem	Possible Cause	Solution
No power	Blown fuse; Incorrect wiring; Loose connection	Check and replace fuse; Verify wiring connections (Yellow to constant 12V, Red to ignition 12V, Black to ground); Ensure front panel is securely attached.
No sound	Volume too low; Mute activated; Incorrect speaker wiring; Damaged speakers	Increase volume; Check if mute is active; Verify speaker connections; Test with known good speakers.
Radio reception poor	Antenna not connected; Damaged antenna; Weak signal area	Ensure antenna is securely connected; Check antenna for damage; Try tuning to a stronger station or move to a different location.
USB/SD not playing	Unsupported file format; Corrupted media; Incorrectly inserted media; Max capacity exceeded	Ensure files are MP3/WMA format; Try a different USB/SD card; Reinsert media correctly; Check media capacity (max 32GB recommended).
Front panel cannot be detached	Eject button not fully pressed; Mechanism jammed	Press the EJECT button firmly; Do not force the panel.

If the problem persists after trying these solutions, please contact your dealer or a qualified service center.

9. SPECIFICATIONS

- **Model:** Caliber RMD 068-2
- **Power Output:** 4 x 75 Watts Max
- **Power Supply:** 12V DC (10.8V-15.6V), Negative Ground
- **Fuse:** 10A
- **Supported Audio Formats:** MP3, WMA (via USB/SD)
- **USB/SD Compatibility:** Up to 32GB (FAT32 format)
- **FM Tuner:** RDS, 18 Presets
- **AUX Input:** 3.5mm Stereo Jack
- **Detachable Front Panel:** Yes
- **Weight:** Approximately 0.95 kg (2.09 lbs)

10. WARRANTY AND SUPPORT

This Caliber product is covered by a warranty in accordance with applicable European laws. For detailed warranty terms and conditions, please refer to the warranty card included with your product or visit the official Caliber website. For technical support, troubleshooting assistance, or service inquiries, please

contact your authorized Caliber dealer or the customer service department in your region. Please have your product model number (RMD 068-2) and proof of purchase ready when contacting support.

Note: Specifications and design are subject to change without notice for improvement.