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CAMECHO B0FN6Z1DWF

CAMECHO Android Car Stereo Radio User Manual

Model: B0FN6Z1DWF | Compatible with Mazda 5 (2007-2010)

1. INTRODUCTION

This manual provides comprehensive instructions for the installation, operation, and maintenance of your CAMECHO Android Car Stereo Radio. This unit is specifically designed for Mazda 5 vehicles manufactured between 2007 and 2010 (low-end version, without original large navigation screen). Please read this manual thoroughly before installation and use to ensure proper functionality and safety.

Key Features:

- Android 13 Operating System with 2GB RAM and 64GB ROM
- 9-inch Touch Screen Display
- Built-in Wireless Apple CarPlay and Android Auto
- GPS Navigation (online and offline support)
- WiFi Connectivity
- Bluetooth Handsfree Calling and Music Streaming
- FM/RDS Radio
- Support for AHD Backup Camera (included)
- Steering Wheel Control (SWC) compatibility
- Multiple UI Themes and Equalizer Adjustments

2. PACKAGE CONTENTS

Verify that all items listed below are included in your package. If any items are missing or damaged, please contact customer support.



Figure 2.1: Detailed view of included components and the main unit dimensions.

- 1 x Android Car Stereo Unit (9-inch display)
- 1 x AHD Rear Camera
- 1 x External Microphone
- 1 x GPS Antenna
- 1 x Power Cable

- 1 x RCA Cable
- 2 x USB Cables
- 1 x Rear Camera Input Cable
- 1 x Installation Tool Set
- 1 x Instruction Manual (this document)

3. SETUP & INSTALLATION

Professional installation is recommended. Ensure the vehicle's battery is disconnected before beginning installation to prevent electrical damage.

3.1. Compatibility Check

This unit is compatible with Mazda 5 models from 2007 to 2010. It is designed for vehicles with the low-end radio version and without a large factory navigation screen. Please compare your vehicle's dashboard with the images below before proceeding.

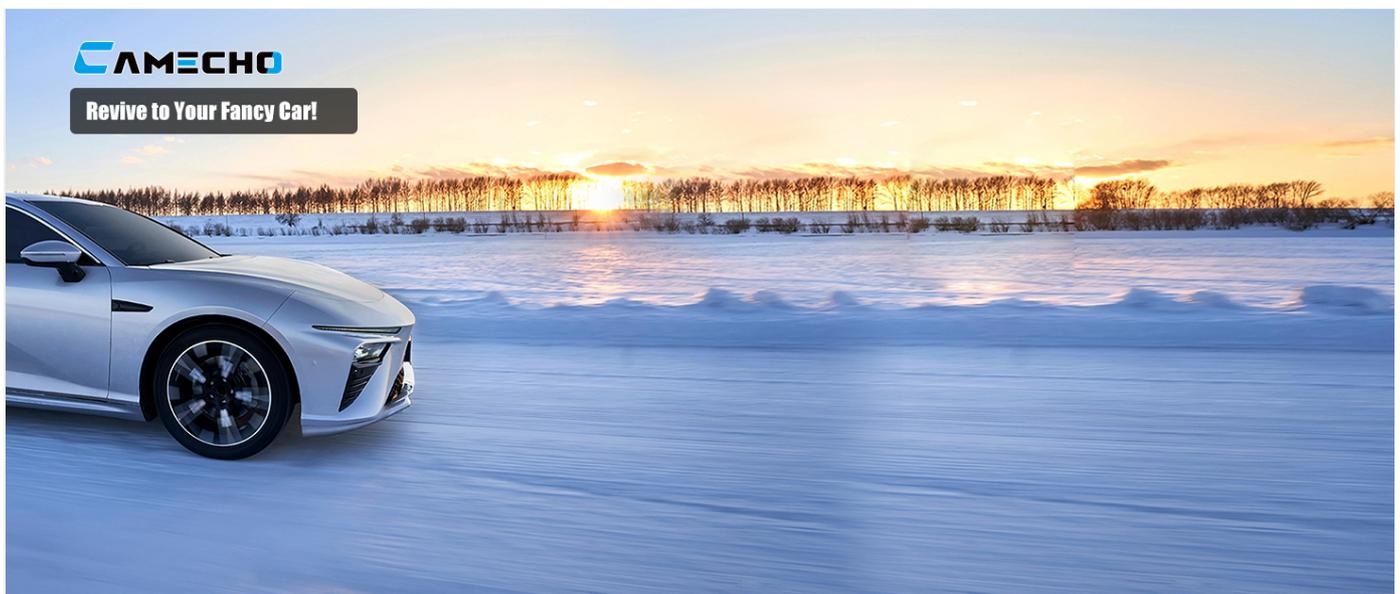


Figure 3.1: Dashboard appearance before and after installing the CAMECHO car stereo in a compatible Mazda 5.

3.2. General Wiring Connections

Connect the power cable, RCA cables, USB cables, GPS antenna, and external microphone according to the provided wiring harness. Ensure all connections are secure.

3.3. Reversing Camera Installation

The included AHD rear view camera provides a clear image when reversing. Follow these steps for installation:

1. Connect the red wire of the camera to the positive pole of the car's reversing light.
2. Connect the black wire of the camera to the negative pole of the car's reversing light.
3. Connect the video signal cable from the camera to the "Rear Camera Input" on the stereo unit.
4. The reversing trigger is controlled by the stereo; no separate trigger wire connection is typically required for the stereo itself.

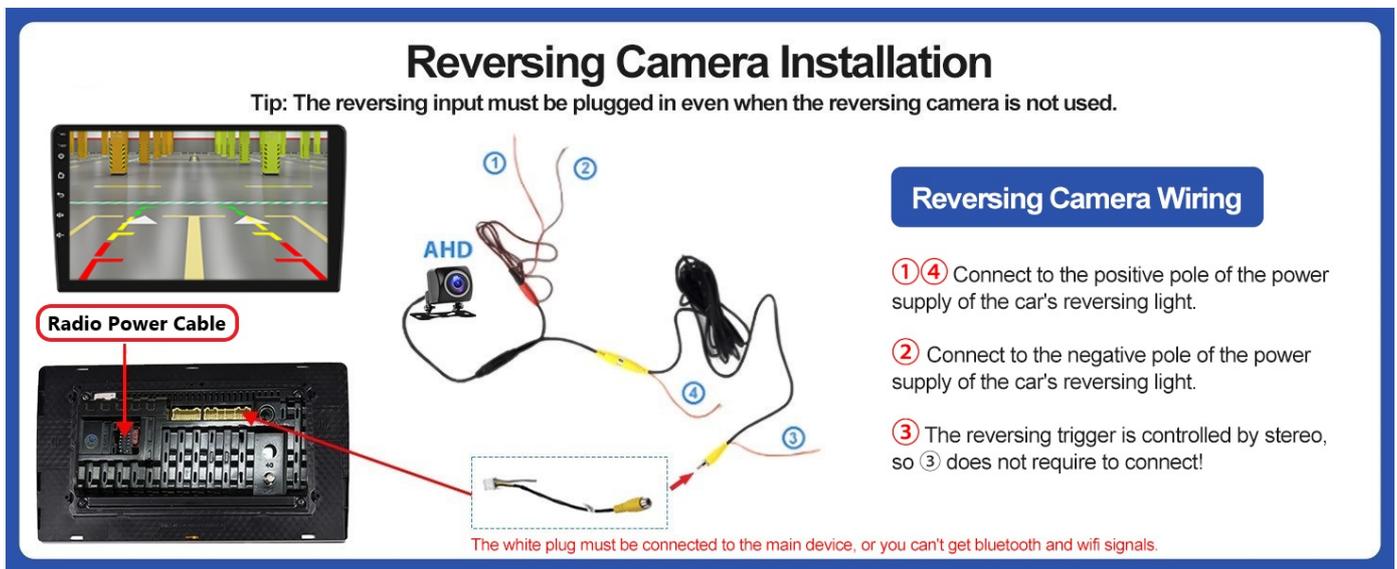


Figure 3.2: Reversing Camera Wiring Diagram. Note: The white plug must be connected to the main device for Bluetooth and WiFi signals.

3.4. Steering Wheel Control (SWC) Setup

To enable steering wheel controls, follow these steps:

1. After connecting the power cable, navigate to **Car Settings > General > SWC Type**.
2. Select "Learning Type".
3. Enter the SWC setting interface and follow the on-screen prompts to program each steering wheel button. If learning fails, repeat the process.

The image shows two smartphone screens displaying the Carplay and Android Auto interfaces. The top screen shows the Carplay interface with icons for Phone, Music, Maps, Messages, Now Playing, Car, Podcasts, and Audiobooks. The bottom screen shows the Android Auto interface with icons for Maps, YT Music, Spotify, Phone, Exit, Beyond Pod, Calendar, and iHeartRadio. To the right, there are two instructional boxes:

Wireless Apple Carplay

How to connect the Carplay

1. Enable the Bluetooth on your iPhone and pair with the car radio
2. Turn on the app "Zlink"
3. If Failed, you need to connect your phone to the hotspot of the car radio, then click "ZLINK" app again

Please keep the Bluetooth and hotspot connection.

Wireless Android Auto

How to use Android Auto

1. Be sure you have install the app "android auto" on your cell phone
2. Enable the Bluetooth on your iPhone and pair with the car radio
3. Turn on the app "Zlink"

Figure 3.3: Steering Wheel Control Learning Process.

Note: Some installations may require splicing into the car harness for steering wheel control functionality, especially if the vehicle's original wiring differs. Consult a professional if unsure.

4. OPERATING INSTRUCTIONS

4.1. Wireless Apple CarPlay & Android Auto

Connect your smartphone wirelessly to access navigation, music, calls, and messages directly on the stereo display.

1. Enable Bluetooth on your iPhone/Android phone and pair it with the car radio.

2. Open the "Zlink" application on the car stereo.
3. If connection fails, connect your phone to the car stereo's hotspot, then reopen the "Zlink" app. Maintain Bluetooth and hotspot connections for stable operation.



Figure 4.1: Wireless Apple CarPlay Connection Steps.



Figure 4.2: Wireless Android Auto Connection Steps.

4.2. GPS Navigation

The unit supports both online and offline navigation applications such as Waze and Google Maps. Ensure the GPS antenna is properly installed for optimal signal reception.

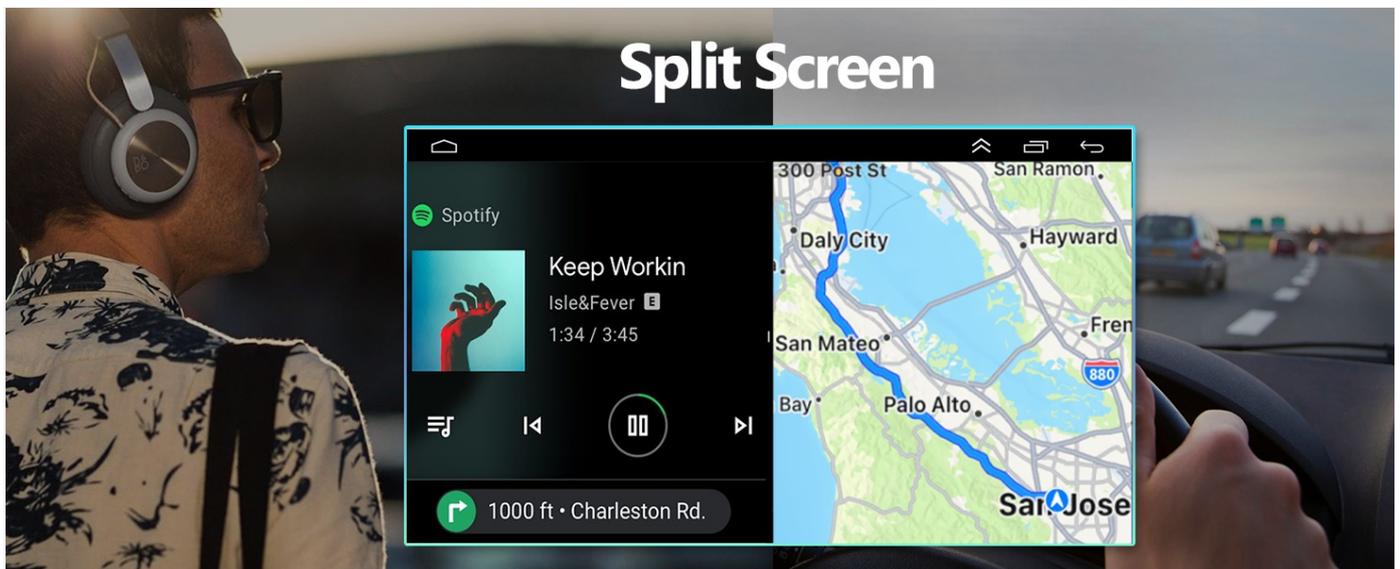


Figure 4.3: GPS Navigation in use, showing online and offline map options.

4.3. WiFi Connection

Connect the stereo to a WiFi hotspot (e.g., from your phone) to access online features, download apps from the Google Play Store, and stream content.



Figure 4.4: WiFi connectivity enabling access to various applications.

4.4. Bluetooth Handsfree & Music

Pair your phone via Bluetooth for hands-free calling and wireless audio streaming. The unit includes a built-in microphone and supports an external microphone for improved call quality.



Figure 4.5: Bluetooth interface for calls and music streaming.

4.5. FM/RDS Radio

Tune into your favorite FM radio stations and receive RDS (Radio Data System) information, including traffic updates, news, and weather forecasts.

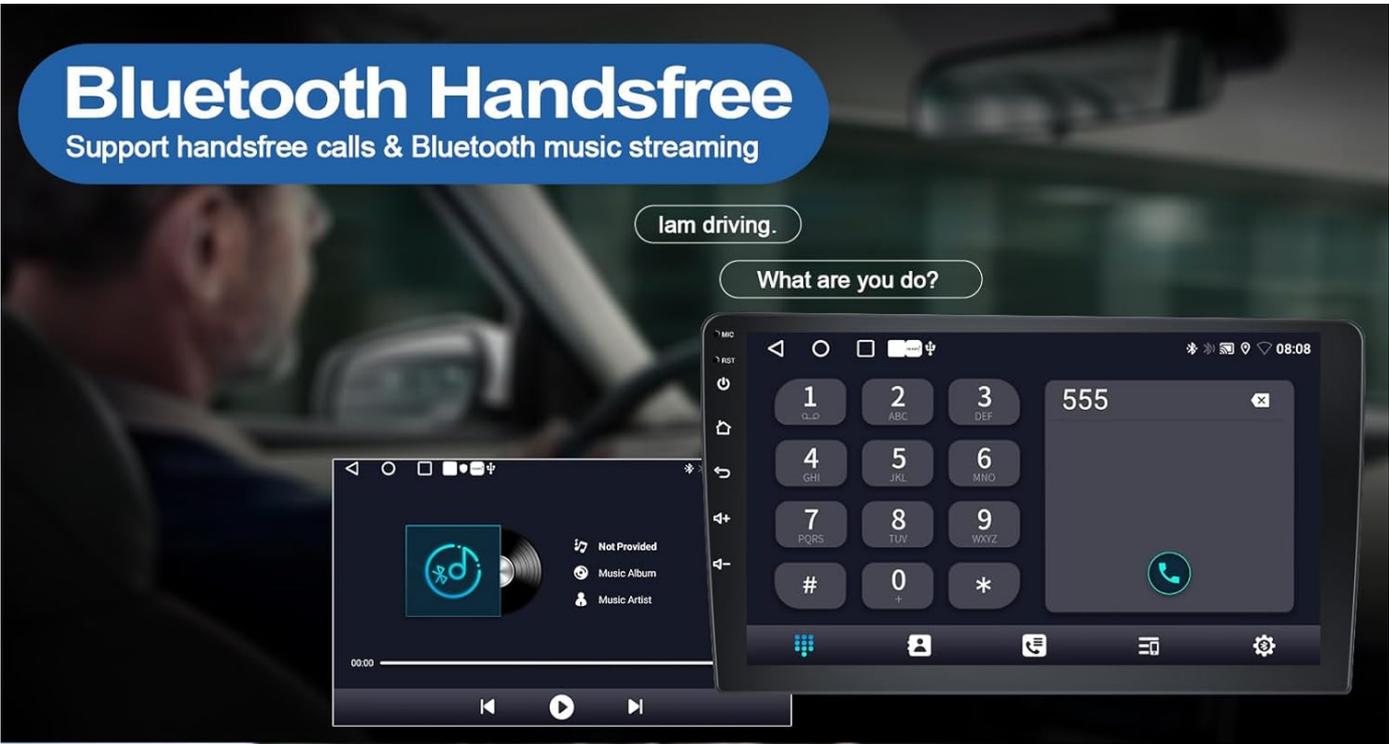


Figure 4.6: FM/RDS Radio interface.

4.6. Equalizer Adjustments

Customize your audio experience with the built-in preset EQ, offering various music styles like Rock or Pop, and manual adjustments.

Equalizer Adjust

The built-in Preset EQ allows you to choose from preset EQ curves for a variety of music styles such as Rock or Pop



Multiple UI Themes

Various stylish UI design for this multimedia system, you are able to switch the desktop themes freely to set a unique one you like.



Figure 4.7: Equalizer and sound adjustment interface.

4.7. Multiple UI Themes

Personalize your stereo's appearance by choosing from a variety of desktop themes available in the settings.

Equalizer Adjust

The built-in Preset EQ allows you to choose from preset EQ curves for a variety of music styles such as Rock or Pop



Multiple UI Themes

Various stylish UI design for this multimedia system, you are able to switch the desktop themes freely to set a unique one you like.



Figure 4.8: Examples of multiple UI themes.

4.8. Mirror Link

Mirror your smartphone screen onto the car stereo display. iOS devices support one-way control (from phone to stereo), while Android devices support two-way control (from phone or stereo).



Backup Camera

Automatically switch to rear view camera when put in reverse, providing parking assistance.

Figure 4.9: Mirror Link for iOS (one-way) and Android (two-way).

4.9. Split Screen Functionality

Utilize the split-screen feature to run two applications simultaneously, such as navigation and music playback.



Figure 4.10: Split Screen mode displaying navigation and music applications.

5. MAINTENANCE

To ensure the longevity and optimal performance of your car stereo, follow these maintenance guidelines:

- **Cleaning:** Use a soft, dry cloth to clean the screen and exterior. Avoid abrasive cleaners or solvents that could damage the display or finish.
- **Software Updates:** Periodically check for available software updates through the system settings or the manufacturer's website to ensure you have the latest features and bug fixes.
- **Avoid Extreme Temperatures:** Do not expose the unit to extreme heat or cold for extended periods, as this can affect performance and lifespan.
- **Cable Management:** Ensure all cables are properly routed and secured to prevent damage from vibration or accidental pulling.

6. TROUBLESHOOTING

6.1. No Sound Output

If you experience no sound from the stereo, check the following:

1. Verify that the volume is not muted or set to a very low level.
2. Ensure all speaker wires are correctly connected to the stereo and the vehicle's speakers.
3. If using an external amplifier, confirm the AMP cable from the RCA output is connected to the ACC cable of the power harness.
4. Check the "Car Amplifier" setting in the stereo's system menu.

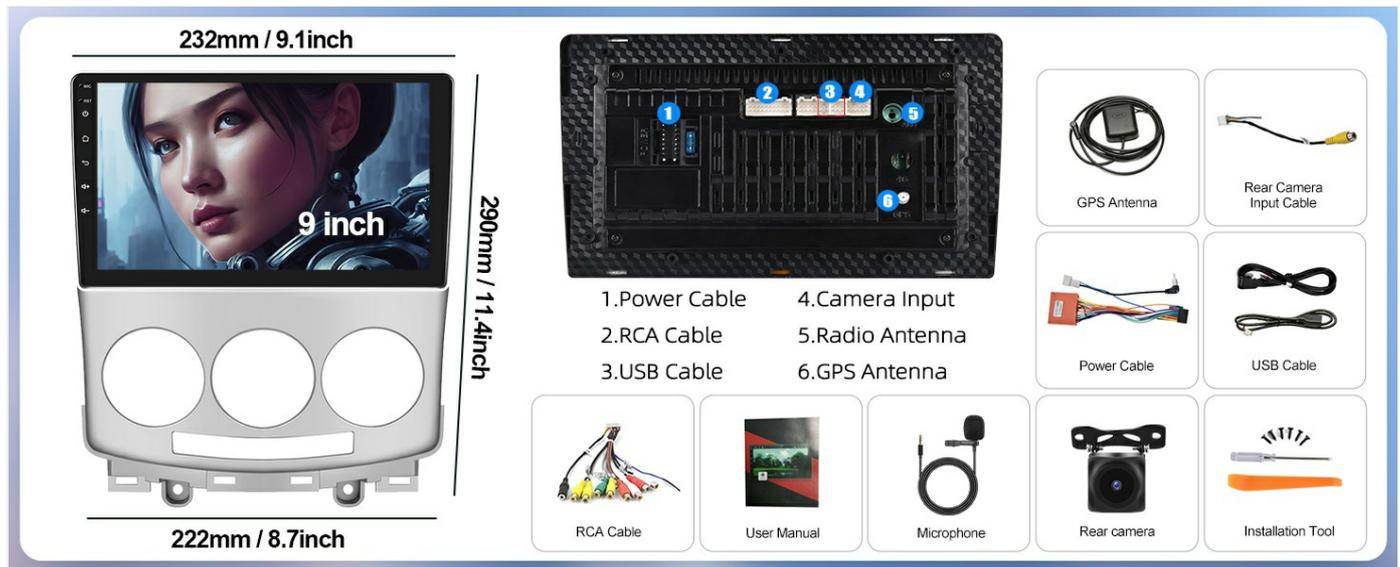


Figure 6.1: Troubleshooting steps for no sound, including amplifier connection details.

6.2. Steering Wheel Controls Not Working

If steering wheel controls are unresponsive after installation:

- Re-verify all wiring connections for the steering wheel control interface.
- Repeat the "Learning Type" setup process as described in Section 3.4.
- Ensure your vehicle's original radio was a low-end version without a large navigation screen, as this unit is not compatible with CANBUS systems.

6.3. Wireless CarPlay/Android Auto Connectivity Issues

If you encounter problems connecting to CarPlay or Android Auto:

- Ensure Bluetooth is enabled and paired on your phone and the stereo.
- Confirm the "Zlink" app is open on the stereo.
- Try connecting your phone to the stereo's WiFi hotspot if direct Bluetooth connection fails, then reopen "Zlink".
- Restart both your phone and the car stereo.

7. SPECIFICATIONS

Feature	Detail
Operating System	Android 13

Feature	Detail
RAM	2GB
Internal Storage	64GB
Display Size	9 Inches
Touch Screen Type	Capacitive
Connectivity	Bluetooth, WiFi, USB
Special Features	Android Auto, Apple CarPlay, GPS, FM RDS, Mirror Link, SWC, AHD Backup Camera Support
Product Dimensions	23.2L x 8.3W x 29H Centimetres (approx. 9.1 x 3.3 x 11.4 inches)
Weight	1 kg
Vehicle Service Type	Car (Mazda 5 2007-2010)

8. WARRANTY INFORMATION

This CAMECHO car stereo unit comes with a **1-Year Warranty** from the date of purchase. This warranty covers manufacturing defects and malfunctions under normal use. It does not cover damage caused by improper installation, accident, misuse, abuse, neglect, or unauthorized modification.

For warranty claims or service, please retain your proof of purchase and contact customer support.

9. SUPPORT & CONTACT

For technical assistance, troubleshooting, or general inquiries, please contact CAMECHO customer support:

- **Email:** CAMECHOVIP@126.com
- **Manufacturer:** CAMECHO
- **Place of Business:** yanningqiu2021@163.com

Please provide your product model (B0FN6Z1DWF) and a detailed description of your issue when contacting support for faster resolution.

24 Hours Customer Support

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Figure 9.1: CAMECHO Customer Support Information.

