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› [Surakey](#) /

› Surakey 9-Inch Car Stereo Radio User Manual for Mazda MX-5 (2006-2021)

Surakey B0DQ8MBY31

Surakey 9-Inch Car Stereo Radio User Manual

Model: B0DQ8MBY31 | Compatible with Mazda MX-5 (2006-2021)

1. INTRODUCTION

This manual provides detailed instructions for the installation, operation, and maintenance of your Surakey 9-inch Android 13 Car Stereo Radio. This unit is designed for Mazda MX-5 models from 2006 to 2021, offering advanced features like Android 13 OS, wireless CarPlay, Android Auto, Mirror Link, GPS navigation, and multimedia playback. Please read this manual thoroughly before use to ensure proper functionality and safety.

2. PRODUCT FEATURES

- **Operating System:** Android 13 with access to Google Play Store for various applications.
- **Display:** 9-inch 1080P HD Touch Screen.
- **Connectivity:** Built-in Wi-Fi module for internet entertainment.
- **Smartphone Integration:** Built-in Wireless CarPlay and Android Auto.
- **Mirror Link:** Supports screen mirroring for Android and iOS devices (Note: May not be compatible with all Samsung phones).
- **Navigation:** Integrated GPS with support for online and offline maps (e.g., Google Maps, Waze, Sygic).
- **Audio:** FM Radio Tuner (65-74 MHz, 87.5-108 MHz), Bluetooth 4.0 for hands-free calls and music streaming, DSP function for personalized audio settings.
- **Video:** Supports HD 1080P video playback.
- **Inputs:** Support for external mobile hard disk/U disk, DVR, and rear view camera input.
- **Control:** Supports original car steering wheel controls.
- **Multitasking:** Dual zone function allows music/radio during GPS navigation, split-screen display for multiple applications.
- **Languages:** Multiple language menu support.

Wireless CarPlay & Android Auto Wireless MirrorLink



Image: Overview of Wireless CarPlay, Android Auto, and MirrorLink capabilities.

Image: Key features and connectivity options.

3. SETUP AND INSTALLATION

Before installation, ensure the product is compatible with your Mazda MX-5 (2006-2021). It is recommended to have professional installation for optimal performance and to avoid damage.

3.1 Package Contents

Verify all components are present:

- 9-inch Car Stereo Unit
- Power Cable
- RCA Input/Output Cables
- 2 USB Cables

- Camera Input Cable
- GPS Antenna
- Instruction Manual
- Rear View Camera (if included in your specific package)
- Microphone



Image: Packing List and included accessories.

3.2 Pre-Installation Check

Before beginning, compare the image of the car stereo installed in a Mazda MX-5 with your vehicle's dashboard to confirm fitment. Ensure you have the correct wiring harness for your specific model year.

APPLICABLE CAR MODELS

For Mazda MX-5 2006-2021



Image: Visual comparison of the dashboard before and after stereo installation.

3.3 Wiring Diagram

Refer to the wiring diagram for correct connections. Incorrect wiring can damage the unit or your vehicle's electrical system.

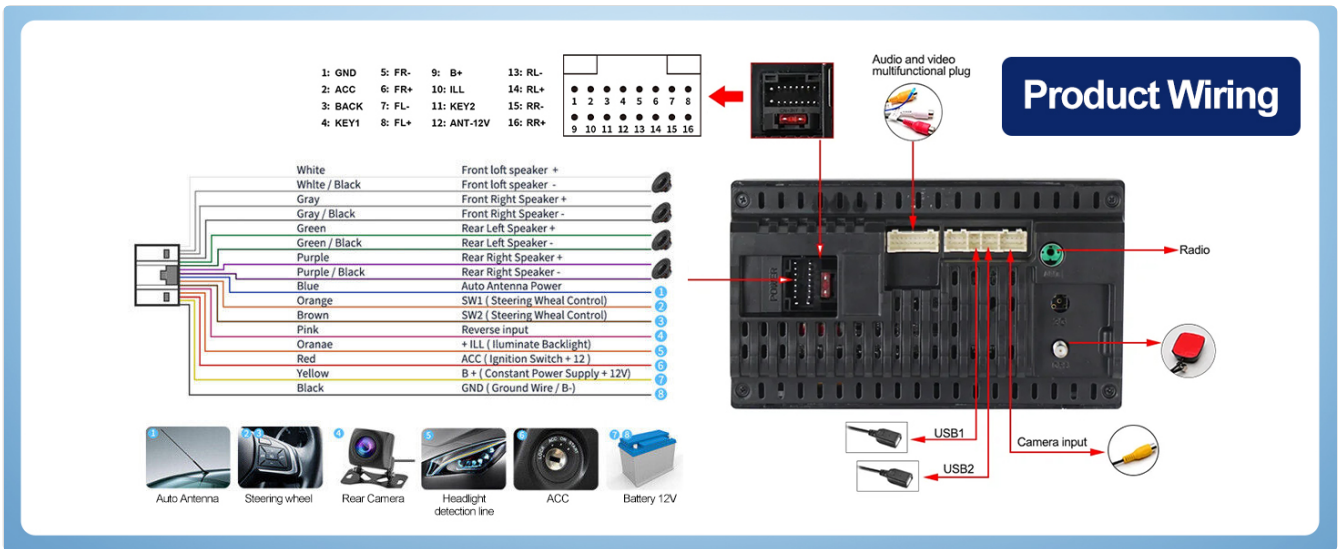


Image: Product Wiring Diagram.

3.4 Reversing Camera Installation

If installing a reversing camera, connect it as shown in the diagram. The reversing input must be plugged in even if the camera is not used to ensure proper Bluetooth and Wi-Fi signal reception.

1. Connect the camera's positive wire to the positive power supply of the car's reversing light.
2. Connect the camera's negative wire to the negative pole of the car's reversing light.
3. The reversing trigger is controlled by the stereo and does not require a separate connection.

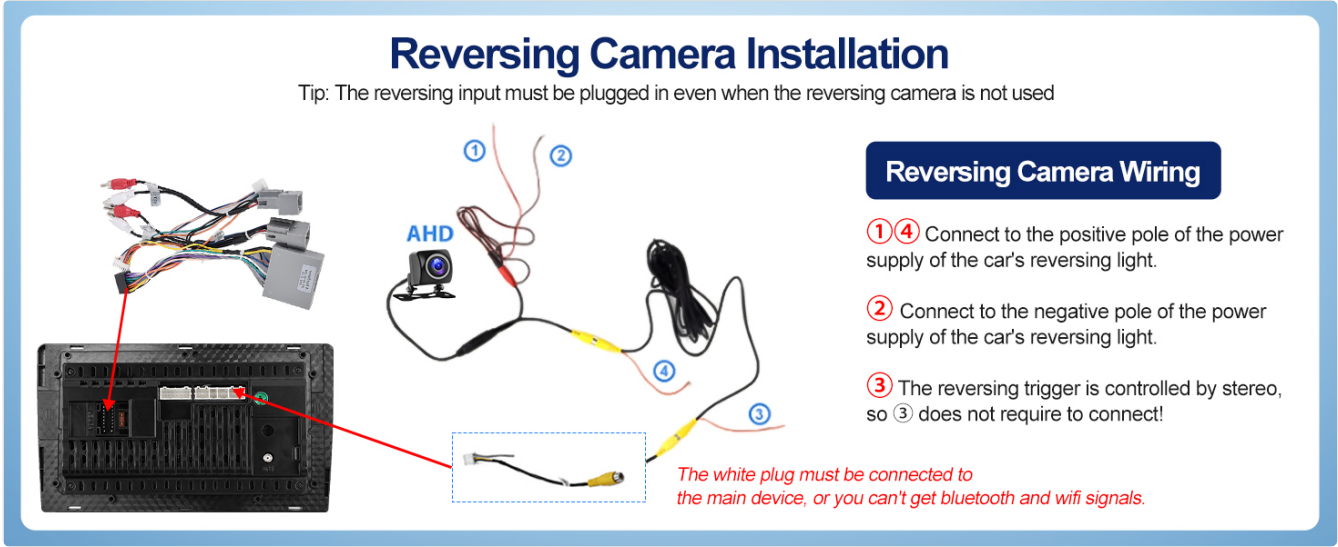


Image: Reversing Camera Wiring Diagram.

4. OPERATING INSTRUCTIONS

Your car stereo features an intuitive touchscreen interface. Below are instructions for common operations.

4.1 Basic Navigation and Settings

The main screen provides access to various functions. Tap icons to open applications like Navigation, Radio, Music, and Settings. System settings allow customization of display, sound, and general device behavior.

Your browser does not support the video tag. Please update your browser to view this content.

Video: Demonstrates various operations including media playback, radio tuning, EQ adjustment, system settings, and map navigation selection.

4.2 Bluetooth Functionality

Pair your phone via Bluetooth 4.0 for hands-free calling and audio streaming. Access your phone book directly from the stereo. Ensure phone authorization and contact syncing are enabled in your phone settings.

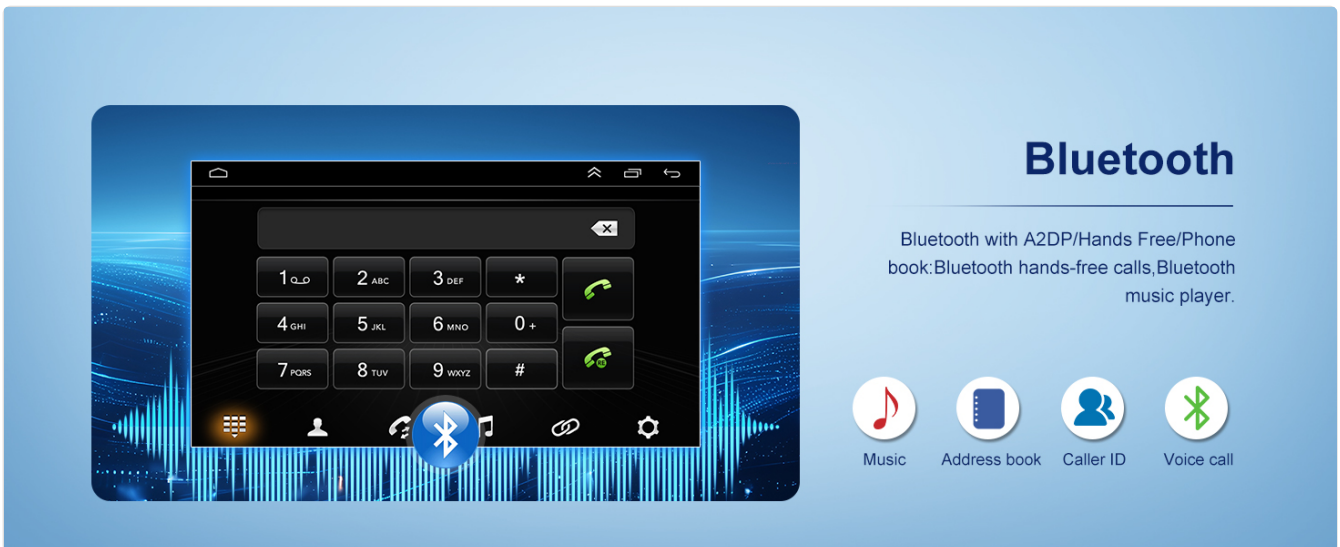


Image: Bluetooth interface for calls and music.

4.3 GPS Navigation

Utilize the built-in GPS for navigation. You can download and use various map applications from the Play Store. The system supports both online and offline navigation.

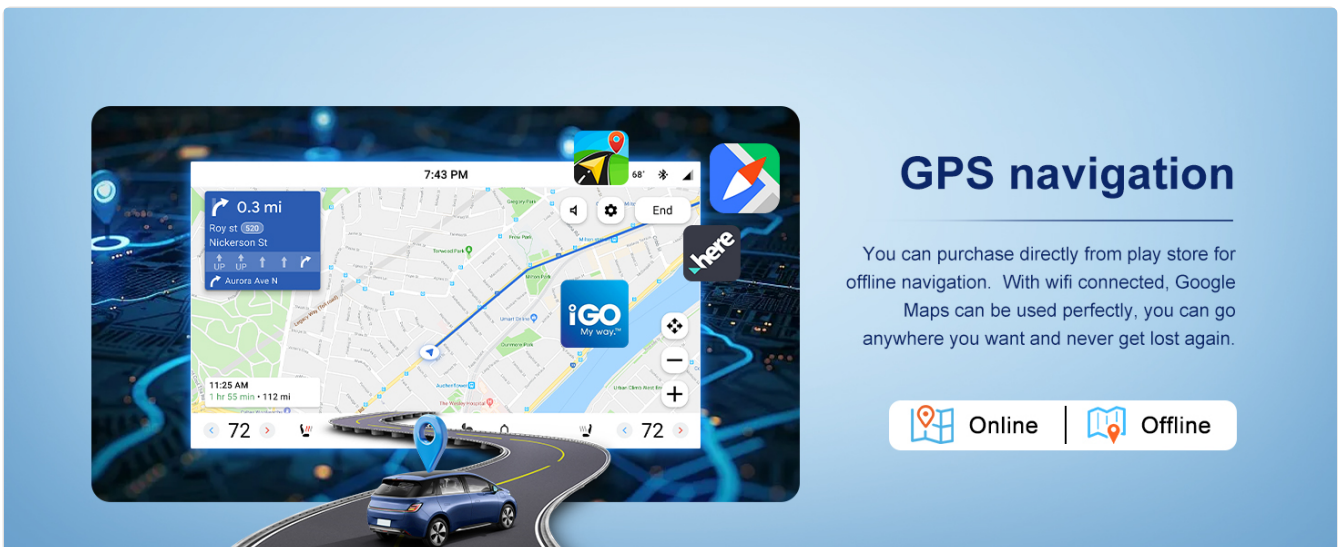


Image: GPS Navigation in action.

4.4 Wireless CarPlay & Android Auto

Connect your iPhone or Android smartphone wirelessly for a seamless in-car experience. Access navigation, music, messages, and more through the stereo's display using voice commands or touch.

Wireless Carplay & Android Auto



Image: Wireless CarPlay and Android Auto with voice control.

4.5 Mirror Link

Mirror your smartphone's screen directly onto the car stereo display. This allows you to control phone apps from the stereo. Note that some Samsung phones may not be fully compatible.



Image: Mirror Link functionality.

4.6 Split-Screen Display

Run two applications simultaneously on the screen, such as navigation and music, for enhanced multitasking.

Split-screen Display

Experience multiple functions at once with the split-screen feature on your car's infotainment display, making your driving experience smarter and more efficient.

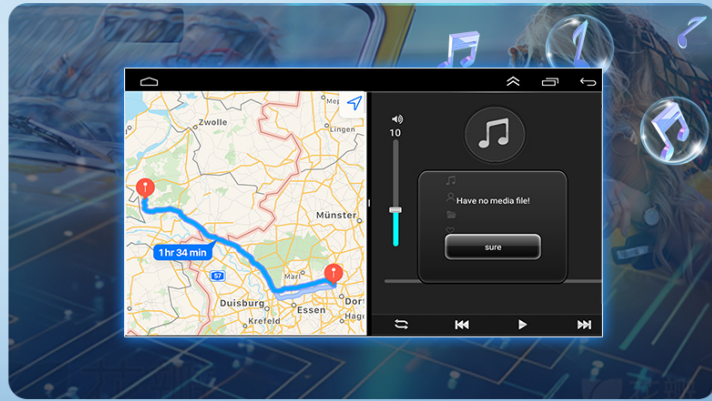
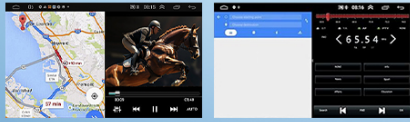


Image: Split-screen display in use.

4.7 Steering Wheel Control (SWC)

Configure your steering wheel buttons to control the stereo, allowing you to switch songs, adjust volume, and manage calls without taking your hands off the wheel.



SWC Function

Easy to switch songs, radio channels, and adjust the sound volume



Image: Steering Wheel Control (SWC) function.

5. MAINTENANCE

- **Cleaning:** Use a soft, dry cloth to clean the screen and unit. Avoid abrasive cleaners or solvents.
- **Software Updates:** Periodically check for software updates through the system settings or manufacturer's website to ensure optimal performance and access to new features.
- **Temperature:** Avoid exposing the unit to extreme temperatures, which can affect its lifespan.

6. TROUBLESHOOTING

Issue	Possible Cause	Solution
Unit does not power on	Incorrect wiring, blown fuse, power supply issue.	Check power connections, vehicle fuse box, and ensure proper grounding. Consult a professional if unsure.

Issue	Possible Cause	Solution
No sound	Volume too low, speaker wiring issue, mute activated.	Increase volume, check speaker connections, ensure unit is not muted.
GPS signal lost or inaccurate	GPS antenna obstructed or improperly connected, poor satellite reception.	Ensure GPS antenna is correctly installed and has a clear view of the sky. Move to an open area.
Bluetooth connection issues	Device not in pairing mode, incorrect password, interference.	Ensure both devices are in pairing mode. Delete previous pairings and try again. Check for interference.
Touchscreen unresponsive	Software glitch, screen damage.	Restart the unit. If the issue persists, perform a factory reset (refer to system settings). If still unresponsive, contact support.

7. SPECIFICATIONS

Feature	Detail
Model Number	B0DQ8MBY31
Operating System	Android 13
Display Size	9 Inches
Display Resolution	1080P HD
Memory/Storage	2GB RAM + 32GB Internal Storage
Bluetooth Version	4.0
Wi-Fi	Built-in Wi-Fi Module
Radio Tuner	FM (65-74 MHz, 87.5-108 MHz)
Package Dimensions	3.94 x 1.18 x 1.18 inches
Item Weight	1.6 ounces
Batteries Required	No

8. WARRANTY AND SUPPORT

Your Surakey Car Stereo Radio comes with a standard manufacturer's warranty. For specific warranty details, please refer to the documentation included with your purchase or contact Surakey customer support.

If you encounter any issues or have questions not covered in this manual, please contact our customer support team for assistance. Provide your product model number (B0DQ8MBY31) and a detailed description of the issue for faster service.

Manufacturer: Surakey