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› AMASE AUDIO Ultra-Thin Android 13 Car Radio User Manual for Mazda 3 (2004-2009)

AMASE AUDIO B0FND4XRT6

AMASE AUDIO Ultra-Thin Android 13 Car Radio

MODEL: B0FND4XRT6 - USER MANUAL

Compatible with Old Mazda 3 (2004-2009)

INTRODUCTION

This manual provides detailed instructions for the installation, operation, maintenance, and troubleshooting of your AMASE AUDIO Ultra-Thin Android 13 Car Radio. This unit is designed for seamless integration into Old Mazda 3 models from 2004 to 2009, offering advanced features such as Android 13 OS, wireless CarPlay/Android Auto, DSP+, 4G WiFi, Bluetooth 5.0, and GPS navigation.

SETUP AND INSTALLATION

Compatibility Check

Ensure your vehicle is an Old Mazda 3 manufactured between 2004 and 2009. This unit is designed for a direct 'Plug and Play' installation, eliminating the need for additional frames or cable modifications. It includes CANBUS support for integration with original vehicle functions.

Installation Steps

- Carefully remove the original car radio unit from your Mazda 3.
- Connect the provided wiring harness from the new AMASE AUDIO unit to your vehicle's existing wiring. The 'Plug and Play' design ensures a straightforward connection.
- Connect the CANBUS decoder to integrate steering wheel controls and other original vehicle signals.
- If installing a rear-view camera (included in some packages), connect it to the designated input on the unit.
- Secure the new car radio unit into the dashboard opening.
- Power on the vehicle to test the unit's functionality.

Physical Connections Overview

360 Product view



This image displays the rear panel of the car radio, highlighting the various input and output ports for power, speakers, USB, GPS antenna, and other accessories. Proper connection of these ports is crucial for full functionality.

OPERATING INSTRUCTIONS

System Overview

Your car radio operates on a real Android 13.0 system, powered by a Qualcomm 8-Core processor (Quad-core ARM Cortex-A73 2.0GHz + Quad-core ARM Cortex-A53 1.8GHz) with 4GB RAM and 64GB ROM. It features a QLED 1280x720 pixel 9-inch capacitive touch screen and a built-in DSP for enhanced audio.

Wireless CarPlay & Android Auto

The unit comes with a built-in application for both Apple CarPlay and Android Auto. Connect your iPhone or Android phone wirelessly via Bluetooth to access navigation, music, messages, and more directly on the car radio screen. No additional dongles or cables are required for wireless functionality.

Apple Carplay/Android auto



This image illustrates the integration of Apple CarPlay and Android Auto on the car radio's display, showing various applications like maps and music players.

4G WiFi & Bluetooth Connectivity

The unit supports 4G WiFi with 5GHz/2.4GHz bands, allowing you to connect to the internet while driving. You can also insert a 4G SIM card for a faster internet experience. Bluetooth 5.0 enables wireless music streaming and hands-free calling, enhancing driving safety.

Digital Sound Processor (DSP)

The integrated DSP (Digital Sound Processor) with a built-in decoding chip allows for precise audio customization. Adjust equalization (EQ), control volume levels, and fine-tune sound settings to optimize your in-car audio experience.

Make the music more wider and realistic



EQ Control **Precise volume control**
Frequency adjustment

This image shows the advanced audio settings interface, including EQ controls and precise volume adjustments, enabled by the DSP.

GPS Navigation

Utilize the built-in Google Maps for online navigation. The system supports various navigation applications, providing real-time traffic updates and turn-by-turn directions.

Multimedia and User Interface

- **1080p Movie Playback:** Enjoy high-definition video playback directly on the 9-inch screen.
- **Split Screen Functionality:** Perform multiple tasks simultaneously, such as running navigation and music apps side-by-side.
- **Multicolor LED Buttons:** Customize the color of the unit's physical buttons to match your car's interior lighting.
- **User Interface Themes:** Select from three distinct UI themes to personalize your display.



This image presents the three customizable user interface themes available, allowing users to select their preferred visual style for the system.

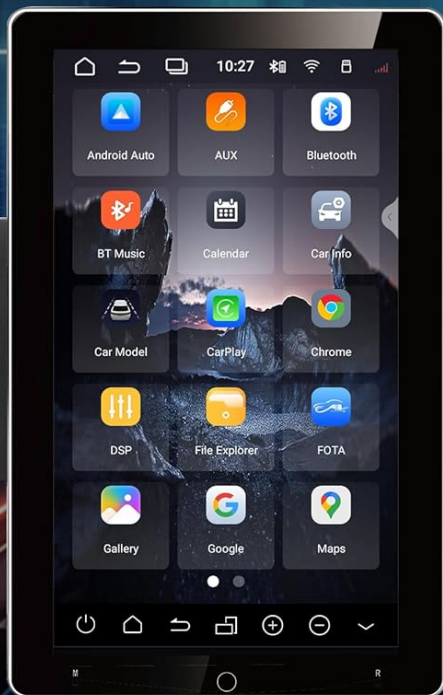
Screen Rotation

The unit supports one-touch automatic screen rotation to 90 degrees, and the user interface will adjust dynamically for optimal viewing in both portrait and landscape orientations.

**One touch
Auto
rotated to 90°C**



**User friendly!!
The UI interface will
be sync adjusted.**



This image demonstrates the automatic screen rotation feature, where the display and its user interface adapt when the unit is physically rotated.

Radio Functionality

The built-in radio module supports FM (87.5-107.9MHz) and AM (530-1620KHz) frequencies, including RDS (Radio Data System). DAB/DAB+ functionality is available with an optional external module.

MAINTENANCE

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

- **Cleaning:** Use a soft, dry cloth to clean the screen and exterior. Avoid abrasive cleaners or solvents that may damage the surface.
- **Temperature:** Avoid exposing the unit to extreme temperatures, both hot and cold, for extended periods.
- **Software Updates:** Periodically check for system software updates to ensure you have the latest features and security patches. Updates can typically be performed over WiFi.

- **Power Management:** Ensure your vehicle's electrical system is in good condition to prevent power fluctuations that could affect the unit.

TROUBLESHOOTING

If you encounter issues with your car radio, refer to the following common troubleshooting steps:

- **No Power:** Check all power connections and ensure the vehicle's ignition is on. Verify fuses in both the car and the unit's wiring harness.
- **No Sound:** Check speaker connections. Ensure the volume is not muted or set to zero. Verify audio output settings in the system menu.
- **Touchscreen Unresponsive:** Try restarting the unit. If the issue persists, a factory reset might be necessary (note: this will erase all user data).
- **GPS Not Working:** Ensure the GPS antenna is properly connected and has a clear view of the sky. Check GPS settings within the system.
- **Bluetooth/WiFi Connectivity Issues:** Ensure Bluetooth/WiFi is enabled in the settings. Try restarting the unit and your connected device. For 4G, ensure the SIM card is correctly inserted and activated.
- **CarPlay/Android Auto Not Connecting:** Ensure your phone's Bluetooth is on and paired. Check the CarPlay/Android Auto app settings on both the unit and your phone.

SPECIFICATIONS

Feature	Specification
Application Model	Old Mazda 3 (2004-2009)
Operation System	Android 13
CPU	Qualcomm QCM6125 Octa-core (Quad-core ARM Cortex-A73 2.0GHz + Quad-core ARM Cortex-A53 1.8GHz)
Internal Storage	4GB RAM & 64GB ROM
Resolution	1280*720
Screen Size	9 inch TFT LCD, capacitive touch screen
Bluetooth	5.0
Radio Tuner	TDA7708L (FM/AM, RDS, DAB/DAB+ optional)
Type	Double Din
Working Temperature	-20 to 60 degrees Celsius
WiFi	Built-in WiFi Modem (5GHz/2.4GHz bands)
USB Support	USB flash drive, MP3 player, Micro SD card (for Media/Camera/DAB+ Box/Smartphone)

Feature	Specification
Surround Stereo Output	4*50W
Languages	More than 70 languages supported
Special Features	DSP, GPS Navigation, LCD, Wireless CarPlay, Android Auto, Split Screen, Multicolor LED Buttons, OBDII & Rear Camera support
Package Dimensions	13.39 x 11.61 x 4.33 inches
Item Weight	1.87 pounds (850 Grams)
Color	Black

WARRANTY INFORMATION

This AMASE AUDIO car radio comes with a **One Year Warranty** from the date of purchase. This warranty covers defects in materials and workmanship. It allows for free replacement of defected parts, excluding the screen. Please note that human-induced damage is not covered under this warranty.

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

SUPPORT

For further assistance, technical support, or to explore other AMASE AUDIO products, please visit our official store:

[AMASE AUDIO Official Store on Amazon](#)