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> AKAMATE Dual Din Car Stereo with Apple CarPlay and Bluetooth 5.0 - Model B093B9ZPS5

AKAMATE B093B9ZPS5

AKAMATE Dual Din Car Stereo with Apple CarPlay and Bluetooth 5.0

Model: B093B9ZPS5

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1. INTRODUCTION

This instruction manual provides comprehensive guidance for the installation, operation, and maintenance of your AKAMATE Dual Din Car Stereo. Please read this manual thoroughly before using the product to ensure proper function and safety. Keep this manual for future reference.



Image 1.1: AKAMATE Dual Din Car Stereo main unit. This image shows the front view of the car stereo with its 7-inch touchscreen and physical buttons on the left side.

2. SAFETY INFORMATION

WARNING: Improper installation or operation can lead to serious injury or damage. Always consult a qualified professional for installation if you are unsure.

- Do not operate the device in a way that distracts you from driving. Always prioritize road safety.
- Ensure all wiring is correctly connected to prevent short circuits or electrical hazards.
- Do not disassemble or modify the unit. This may cause damage, electric shock, or fire.
- Keep the volume at a level that allows you to hear outside traffic sounds.
- Avoid exposing the unit to extreme temperatures, direct sunlight for prolonged periods, or excessive moisture.

3. PACKAGE CONTENTS

Verify that all items are present in the package:

- 1 × Dual Din Car Stereo with Frame
- 1 × Power and Audio Cable
- 1 × IR Remote Control
- 1 × External Microphone
- 1 × Steering Wheel Control (SWC) Interface
- 1 × Backup Camera and Camera Cable
- 2 × Installation Brackets and Screws
- 2 × User Manuals (This document is one of them)

4. SETUP

4.1. Installation

Before beginning installation, ensure the vehicle's battery is disconnected to prevent electrical damage. This unit is designed for a standard Dual Din opening. Please measure your dash opening before installation.

Highest Compatibility for Your Vehicle Fit

Please double check your dash size before ordering. If not fit, our stereo is compatible with most dashboard mounting frame with 178mm*100mm opening (Metra/Scosche/PAC dash kit).

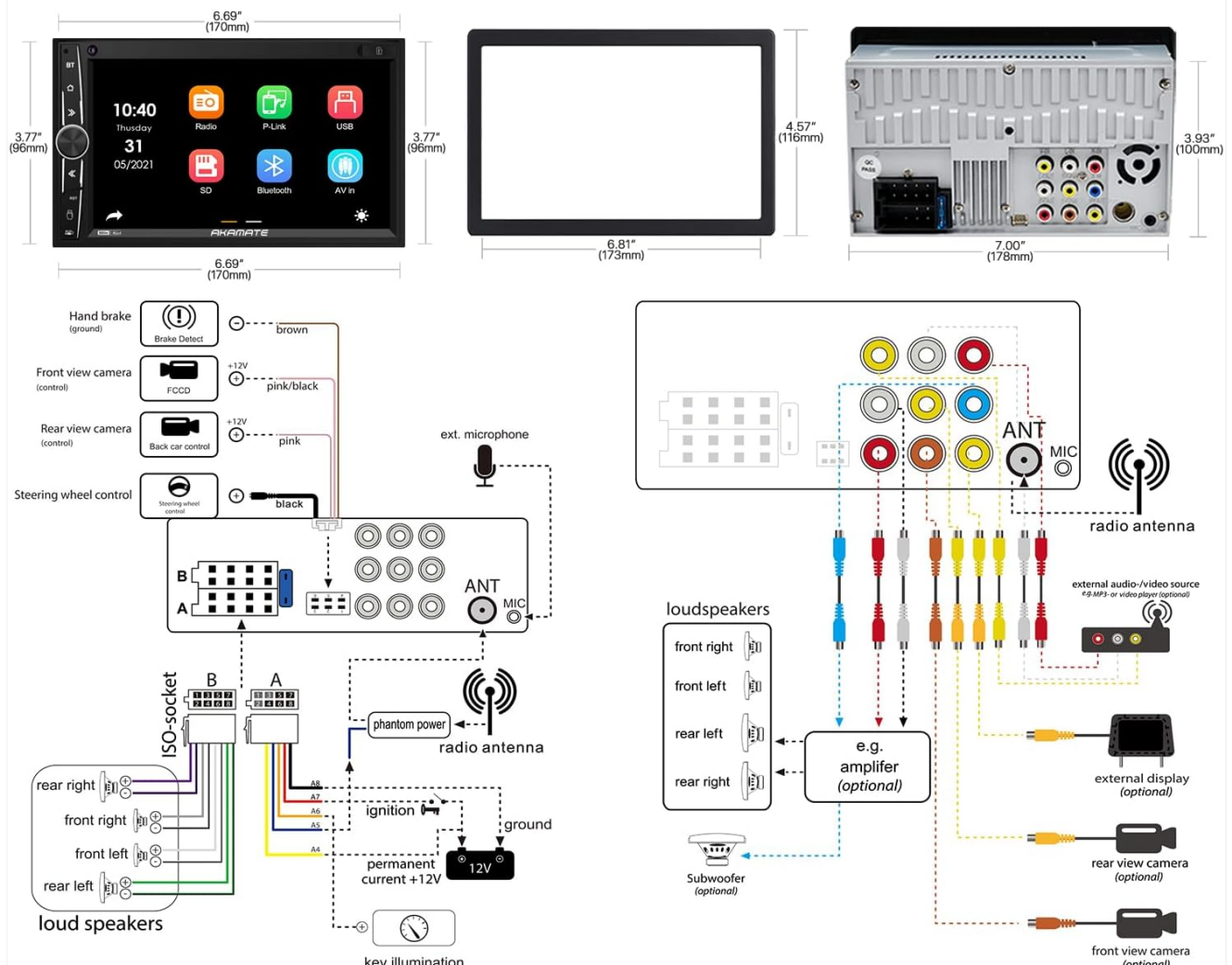


Image 4.1: Wiring diagram and dimensions for the AKAMATE car stereo. This image illustrates the physical dimensions of the head unit and provides a detailed wiring diagram for power, speakers, external microphone, steering wheel control, and camera inputs.

1. **Prepare the Dashboard:** Remove the existing car stereo and any necessary trim panels to access the wiring harness and mounting area.
2. **Connect Wiring:** Refer to the provided wiring diagram (Image 4.1). Connect the power, ground, accessory, speaker, and other necessary wires from your vehicle's harness to the stereo's harness. Ensure secure connections.
3. **External Microphone:** Connect the external microphone to the designated input on the stereo. Position the microphone in a suitable location for clear voice pickup, such as near the sun visor.
4. **Backup Camera (Optional):** If installing the backup camera, connect its video cable to the "Rear Camera Input" on the stereo and its power cable to the vehicle's reverse light circuit.
5. **Steering Wheel Control (SWC):** Connect the SWC wires according to your vehicle's specifications. Configuration may be required in the stereo's settings menu.
6. **Mount the Unit:** Secure the stereo into the dashboard opening using the provided brackets and screws. Reinstall any removed trim panels.
7. **Reconnect Battery:** Reconnect the vehicle's battery.

4.2. Initial Power On and Basic Settings

After installation, turn on your vehicle's ignition. The stereo should power on. Follow any on-screen prompts for initial setup, such as language selection and time/date settings.

5. OPERATING INSTRUCTIONS

5.1. Touchscreen and General Controls

The unit features a 7-inch 1024x600 HD capacitive touchscreen for intuitive control. Use gestures like tapping, swiping, and pinching (where applicable) to navigate menus and control functions.

1024x600 HD Capacitive Touchscreen

Support 1920x1080P high resolution video playback with the 7 inch large monitor screen.



Image 5.1: Demonstration of the 7-inch HD Capacitive Touchscreen. This image shows the stereo displaying a high-resolution image of dolphins, with finger gestures indicating touch and swipe functionality.

The physical knob on the left typically controls volume and can be pressed for mute or power functions. Other physical buttons provide quick access to common features like Bluetooth, Home, or Reset.

5.2. Apple CarPlay

Connect your iPhone to the stereo using an original USB cable. The unit will automatically detect your phone and launch Apple CarPlay. You can then access familiar iPhone features directly on the stereo's screen, including:

- Phone Calls
- Navigation (Maps)
- Music Playback
- Messages
- Voice Assistant (Siri)



Image 5.2: Apple CarPlay interface showing navigation and call functions. This image displays the car stereo screen with a navigation map and a phone call interface, demonstrating Apple CarPlay functionality.

5.3. Mirror Link (for Android & iOS)

The Mirror Link function allows you to display your smartphone's screen content directly on the stereo. This feature is compatible with iPhone 12 Pro/12 and earlier models, and most Android 11 phones.

1. Connect your smartphone to the stereo via a USB cable.
2. Select the "Mirror Link" or "Phone Link" option on the stereo's interface.
3. Follow any on-screen prompts on both your phone and the stereo to establish the connection.

Mirror Link for Android & iOS Phones

Phone link is compatible with latest iPhone 12pro, iPhone12 or below version and almost all Android 11 phones.



Image 5.3: Mirror Link feature displaying a phone's navigation screen on the car stereo. This image shows the stereo screen mirroring a navigation application from a connected smartphone.

5.4. Bluetooth 5.0 Connectivity

The unit supports Bluetooth 5.0 for stable wireless connections, enabling hands-free calling and audio streaming.

1. **Pairing:** On the stereo, navigate to the Bluetooth menu. On your smartphone, search for available Bluetooth devices and select "AKAMATE" (or similar device name). Enter the PIN (usually "0000") if prompted.
2. **Hands-Free Calling:** Once paired, you can make and receive calls directly through the stereo. The dual microphone design ensures clear audio for conversations.
3. **Audio Streaming:** Stream music from your phone or apps like Spotify and Pandora to the car stereo. Use the stereo's controls to manage playback (play/pause, skip tracks, adjust volume).

Bluetooth 5.0 & Dual Mic

Stable bluetooth connectivity and dual mic design make sure you can make quality calling and play streaming music wirelessly.



Image 5.4: Bluetooth 5.0 interface showing a phone dialer and indicating dual microphone functionality. This image displays the stereo screen with a phone keypad for dialing and highlights the Bluetooth connection and dual microphone feature.

5.5. Radio (FM/AM)

Access the Radio function from the main menu. Use the touchscreen to scan for stations, save presets, and switch between FM and AM bands.

5.6. USB/SD Playback

Insert a USB drive or SD card containing media files into the designated ports. The stereo will automatically detect the media and allow you to browse and play audio or video files.

5.7. Audio Settings (16-Band EQ)

Navigate to the Audio or EQ settings menu. The 16-band customizable equalizer allows for precise adjustment of audio frequencies to suit your preferences. Preset EQ modes (Rock, Pop, Jazz, etc.) are also available.

Preset 16-Band Customizable EQ

Rock, pop, jazz, electric, classic, standard and 16-band user-customizable EQ setting.



Image 5.5: 16-Band Customizable EQ settings interface. This image shows the stereo screen displaying the equalizer settings, allowing users to adjust audio frequencies and select preset sound modes.

5.8. Rearview Camera Input

When the vehicle is shifted into reverse, the stereo automatically displays the video feed from the connected rearview camera. The included camera provides 720P HD night vision for improved visibility.

HD Rearview Camera Input

A waterproof night vision backup camera to show HD 720P rearview picture quality.



Image 5.6: Rearview camera display showing 720P quality. This image compares the clarity of a 720P rearview camera feed with a lower resolution one, highlighting the enhanced detail provided by the included camera.

5.9. Steering Wheel Control (SWC)

If your vehicle supports steering wheel controls, you can configure them through the stereo's settings menu. This allows you to control functions like volume, track changes, and mode selection directly from your steering wheel.

6. MAINTENANCE

- **Cleaning the Screen:** Use a soft, lint-free cloth to gently wipe the touchscreen. For stubborn smudges, slightly dampen the cloth with water or a screen-safe cleaner. Avoid harsh chemicals or abrasive materials.
- **General Cleaning:** Keep the unit free from dust and debris. Use a soft brush or compressed air to clean around buttons and ports.
- **Temperature:** Avoid leaving the unit in direct sunlight or extreme temperatures for extended periods, as this can affect performance and lifespan.

7. TROUBLESHOOTING

Problem	Possible Cause	Solution
No power / Unit does not turn on.	Incorrect wiring (power/ground), blown fuse, vehicle battery issue.	Check all power connections (yellow, red, black wires). Verify vehicle fuses. Ensure battery is charged.
No sound.	Volume too low, mute activated, incorrect speaker wiring, amplifier issue.	Increase volume. Check if mute is active. Verify speaker connections. Ensure external amplifier (if used) is powered.
Bluetooth connection issues.	Device not in pairing mode, incorrect PIN, interference, device already connected.	Ensure both devices are in pairing mode. Re-enter PIN. Move closer to the unit. Disconnect other Bluetooth devices.
Apple CarPlay / Mirror Link not working.	Non-original USB cable, phone not compatible, software glitch.	Use an original USB cable. Check phone compatibility. Restart both phone and stereo.
Rearview camera not displaying.	Incorrect camera wiring, camera power issue, reverse trigger wire not connected.	Verify camera video and power connections. Ensure the reverse trigger wire (usually pink/brown) is correctly connected to the vehicle's reverse light.
Touchscreen unresponsive or slow.	Temporary software issue, screen calibration needed.	Perform a system reset (locate the RST button, often a small pinhole). Check for firmware updates if available.

8. SPECIFICATIONS

Brand: AKAMATE

Model: B093B9ZPS5

ASIN: B093B9ZPS5

GTIN/UPC: 759337201146

Display: 7-inch HD Capacitive Touchscreen (1024x600 resolution, 178° viewing angle)

Connectivity: Bluetooth 5.0, USB, SD Card, A/V Input

Features: Apple CarPlay, Mirror Link (Android/iOS), FM/AM Radio Tuner, RDS, 16-Band EQ, Rearview Camera Input (720P HD), Steering Wheel Control (SWC) support, Dual Microphone (built-in & external)

Audio Output: Stereo, 4 Channels

Power Output: 200 Watts

Supported Internet Services: Pandora, Spotify (via connected smartphone)

Control Methods: Touchscreen, Mechanical Knob, Voice (via CarPlay/Mirror Link), IR Remote Control

Supported Formats: Audio and Video Interleave (AVI), WMA, WAV (and others for video playback up to 1920x1080P)

USB Charging: 1.5A for phone charging

Button Illumination: 7 different LED colors

9. WARRANTY & SUPPORT

AKAMATE products are designed for reliability and performance. For specific warranty details, please refer to the warranty card included with your purchase or contact AKAMATE customer support.

If you encounter any issues during installation or operation that are not covered in this manual, please contact AKAMATE customer service for assistance. Our support team is available to help and will respond within 24 hours.

Contact Information: Refer to your product packaging or the official AKAMATE website for the most current contact details.