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AMprime B0GZ24Z678

AMprime Single Din Car Stereo Radio User Manual

Model: B0GZ24Z678

1. Introduction

Thank you for choosing the AMprime Single Din Car Stereo Radio. This manual provides detailed instructions for the installation, operation, and maintenance of your new car audio system. Please read this manual thoroughly before use to ensure proper functionality and to maximize your listening experience.



Image: The AMprime Single Din Bluetooth Car Stereo unit, showcasing its integration into a car dashboard. This image highlights the compact design and digital display.

Key Features:

- **Bluetooth Hands-Free Calling:** Built-in microphone and Bluetooth technology for clear, stable hands-free

calls.

- **AM/FM Radio:** Access to a wide range of radio stations for news, music, and sports.
- **Multiple Audio Inputs:** Front USB port, Type-C port, and AUX-in jack for versatile music playback.
- **Quick Charge:** USB port supports fast charging for mobile devices.
- **Digital LCD Display:** High-resolution display for easy viewing of time, phone numbers, song names, and radio channels.
- **Customizable Backlit Buttons:** Red physical keys with adjustable color options to match your mood or vehicle interior.
- **Remote Control:** Infrared remote control for convenient operation.

2. Setup and Installation

Package Contents:

Before installation, please verify that all items are present in the package:

- AMprime Car Stereo Unit
- Power Cable
- Horn Cable
- Remote Control
- User Manual (this document)
- Mounting Bracket



Image: A comprehensive diagram illustrating the dimensions of the AMprime car stereo, its front panel controls, rear panel wiring connections, and a visual representation of all included accessories such as the power cable, horn cable, remote control, user manual, and mounting bracket.

Dimensions:

- Standard Single Din Size: 178mm (Width) x 50mm (Height) / 7.01in (Width) x 1.97in (Height)
- Depth: Approximately 118mm / 4.65in

Please ensure your vehicle's dash opening size is compatible before proceeding with installation. The working voltage for this unit is 12V-14.4V.

Wiring Diagram:

Refer to the wiring diagram provided in the 'Packing List & Size' image for detailed connection instructions. Incorrect wiring can damage the unit or your vehicle's electrical system. If you are unsure, consult a professional.

- **Power Cable:** Connect ACC, GND, ANT, and B+ wires as indicated.
- **Horn Cable:** Connect speaker wires (FL+, FL-, FR+, FR-, RL+, RL-, RR+, RR-) to your vehicle's speakers.
- **RCA Audio Out:** Connect to external amplifiers or subwoofers.

- **Radio Antenna:** Connect your vehicle's antenna.

3. Operating Instructions

3.1 Basic Operations

The front panel features a digital LCD display and various buttons for control. The central knob controls volume and power. Press the PWR/VOL knob to turn the unit on or off. Rotate it to adjust the volume.

3.2 Bluetooth Connectivity

The car stereo supports Bluetooth for hands-free calling and audio streaming.



Image: A visual representation of the AMprime car stereo in use, demonstrating its Bluetooth hands-free calling feature. The display shows 'BT Phone Calls' and a person is seen talking on the phone while driving.



Image: A split image showing two key features: 'Hands-Free Calling' with icons for calls, Bluetooth music, and a built-in microphone, and 'FM Radio' with an icon of a radio and the stereo displaying an FM frequency.

1. **Pairing:** Turn on the car stereo. Enable Bluetooth on your smartphone and search for available devices. Select 'AMprime' (or similar name) from the list to pair.
2. **Hands-Free Calls:** Once paired, you can make and receive calls directly through the stereo. Your voice will be picked up by the built-in microphone.
3. **Audio Streaming:** Play music from your smartphone via Bluetooth.

3.3 AM/FM Radio

Tune into your favorite radio stations.

FM Radio Function



Image: The AMprime car stereo showing an FM frequency on its digital display, accompanied by a graphic illustrating radio waves and common FM frequency ranges (87.50MHz, 90.00MHz, 108.00MHz).

1. **Mode Selection:** Press the 'MOD' button to switch to FM or AM radio mode.
2. **Station Search:** Use the 'BND' button to cycle through bands (FM1, FM2, FM3, AM1, AM2). Use the 'Previous Song' and 'Next Song' buttons to manually tune or auto-scan for stations.
3. **Preset Stations:** Long-press number buttons to save current stations as presets.

3.4 USB/Type-C/AUX-in Playback

Connect various devices for audio playback and charging.



Image: The AMprime car stereo with three circular insets above it, illustrating the different input options: a USB drive for playback, a smartphone connected via USB for charging, and an AUX-in cable for external audio devices.



Image: A diagram titled 'Three Play Mode' showing the AMprime car stereo in a dashboard, with three circles below representing the USB port, AUX-IN jack, and Bluetooth connection options for audio playback.

- **USB Playback:** Insert a USB drive with MP3/WMA files into the front USB port. The unit will automatically switch to USB mode and begin playback.
- **Type-C Playback/Charging:** Connect compatible devices to the Type-C port for audio playback or fast charging.
- **AUX-in:** Connect external audio devices (e.g., MP3 players) to the 3.5mm AUX-in jack using an audio cable. Press the 'MOD' button to select AUX mode.

3.5 Remote Control

Operate the stereo conveniently with the included infrared remote control.



Image: The AMprime car stereo installed in a car dashboard, with a hand holding its wireless remote control. A separate inset shows a close-up of the stereo's LED digital display.

The remote control allows you to adjust volume, change tracks/stations, switch modes, and access other functions without directly interacting with the unit's front panel.

3.6 Digital LCD Display and Backlit Buttons

The high-resolution LCD display provides clear information, and the physical buttons feature customizable backlighting.

Color Key Light

Red-green-blue-yellow-cyan-purple-white 7 button lights cycle change.



Image: The AMprime car stereo demonstrating its 'Color Key Light' feature, showing the unit with different backlit button colors: red, green, blue, yellow, cyan, purple, and white, cycling through the options.



Image: The AMprime car stereo highlighting its 'LED Digital Display', showing the unit in a car dashboard and a magnified view of its clear digital screen.

You can manually change the button color to match your preference or vehicle's interior lighting. Refer to the user interface for specific button color adjustment settings.

4. Maintenance

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

- **Cleaning:** Use a soft, dry cloth to clean the unit's display and buttons. Avoid abrasive cleaners or solvents.
- **Avoid Liquids:** Do not expose the unit to water or other liquids.
- **Temperature:** Operate the unit within recommended temperature ranges. Extreme temperatures can affect performance.
- **Connections:** Periodically check all wiring connections to ensure they are secure.

5. Troubleshooting

If you encounter issues with your car stereo, refer to the following common problems and solutions:

Problem	Possible Cause	Solution
No power	Incorrect wiring; Blown fuse; Vehicle battery issue	Check power cable connections; Inspect and replace fuse if necessary; Verify vehicle battery health.
No sound	Incorrect speaker wiring; Volume too low; Mute function active	Check speaker connections; Increase volume; Deactivate mute.

Problem	Possible Cause	Solution
Bluetooth not connecting	Bluetooth not enabled on stereo/phone; Device not in pairing mode; Interference	Ensure Bluetooth is active on both devices; Put stereo in pairing mode; Move closer to the unit.
Poor radio reception	Antenna not connected; Weak signal area; Damaged antenna	Check antenna connection; Try tuning in a different location; Inspect antenna for damage.
USB/AUX not working	Incorrect mode selected; Incompatible file format; Faulty cable/device	Select correct input mode; Ensure files are MP3/WMA; Test with a different cable or device.

If the problem persists after trying these solutions, please contact customer support.

6. Specifications

- **Brand:** AMprime
- **Model:** B0GZ24Z678
- **Connectivity Technology:** Bluetooth
- **Controller Type:** Hand Control (Remote)
- **Special Feature:** AM Tuner
- **Compatible Devices:** Smartphone
- **Connector Type:** RCA (Audio Output)
- **Audio Output Mode:** Stereo
- **Number of Channels:** 2
- **Audio Output Type:** RCA
- **Format:** MP3 Audio
- **Built-In Media:** Radio
- **Unit Count:** 1 Count
- **Working Voltage:** 12V-14.4V

7. Warranty and Support

Warranty Information:

This product comes with a standard warranty. Please refer to your purchase documentation for specific warranty terms and conditions.

Customer Support:

For any questions, technical assistance, or support regarding your AMprime car stereo, please contact our customer service team.

Image: A customer support representative wearing a headset and actively working at a computer, symbolizing online customer support services.

Online Customer Support Email: AmprimeTechSupport@yeah.net

We are committed to providing better products and responsive support to enhance your driving experience.

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