

## GM X 900

# Z Power Dragon GM X 900 Car Amplifier Instruction Manual

Model: GM X 900 | Brand: Generic

## 1. INTRODUCTION

This manual provides detailed instructions for the installation, operation, and maintenance of your Z Power Dragon GM X 900 Car Amplifier. Please read this manual thoroughly before use to ensure proper functionality and safety. This car amplifier is designed to enhance your in-car audio experience with versatile connectivity and robust sound output.

## 2. SAFETY INFORMATION

- Always disconnect the car battery's negative terminal before beginning any installation or wiring to prevent electrical shorts.
- Ensure all wiring is correctly connected and insulated to prevent short circuits, overheating, and potential damage to the unit or vehicle's electrical system.
- Do not expose the amplifier to moisture, water, or extreme temperatures. Operate within the recommended environmental conditions.
- If you are unsure about any installation steps, consult a qualified professional car audio installer.
- Mount the amplifier securely to prevent it from becoming a projectile during sudden stops or accidents.

## 3. PACKAGE CONTENTS

Verify that all items are present in the package:

- Z Power Dragon GM X 900 Car Amplifier Unit
- Remote Control
- Power Cable
- Battery Pack (for remote control)
- User Manual (this document)

## 4. PRODUCT FEATURES

- **Dual USB Ports:** For convenient media playback.
- **Sound Amplifier Control:** Integrated controls for audio adjustment.
- **Remote Control:** For convenient operation from a distance.
- **Bluetooth Connectivity:** Wireless audio streaming from compatible devices.
- **Durable Construction:** Made from flexible and robust materials for longevity.
- **High-Temperature Resistant Audio Coils:** Designed to maintain performance under various conditions.
- **Surround Sound Output:** Delivers an immersive audio experience.
- **High-Fidelity Audio:** Engineered for clear and powerful sound reproduction.



Figure 4.1: Front view of the Z Power Dragon GM X 900 Car Amplifier packaging, showing the unit's design and key features.

## 5. SETUP AND INSTALLATION

### 5.1. Wiring Diagram Overview

Proper wiring is crucial for optimal performance and safety. Refer to the diagram below and the labels on the amplifier for correct connections.



Figure 5.1: Rear panel of the amplifier, illustrating the various input (RCA), output (speaker terminals), and power connections.

## 5.2. Power Connection

1. Connect the positive (+) terminal of the amplifier to the positive (+) terminal of your car battery using a suitable gauge power cable. Install an inline fuse (not included) as close to the battery as possible.
2. Connect the negative (-) terminal of the amplifier to a clean, unpainted metal surface on the car chassis (ground point) or directly to the negative (-) terminal of the car battery.
3. Connect the remote turn-on wire (REM) from your car stereo or ignition switch to the amplifier's remote terminal. This will turn the amplifier on/off with your car's ignition.

## 5.3. Speaker Connection

Connect your speakers to the amplifier's speaker output terminals (OUTPUT LINE). Ensure correct polarity (+ to + and - to -) for each speaker. This model supports a 2.1 surround sound channel configuration.

## 5.4. Audio Input Connection

Connect the audio output from your car stereo or other audio source to the amplifier's INPUT A or INPUT B RCA jacks.

## 5.5. Remote Control Setup

Insert the provided battery pack into the remote control unit, ensuring correct polarity.

## 6. OPERATING INSTRUCTIONS

---



Figure 6.1: Front panel of the amplifier, displaying the control knobs for volume, balance, and tone, along with USB and SD card slots.

### 6.1. Power On/Off

The amplifier will power on automatically when your car's ignition is turned on, provided the remote turn-on wire is connected correctly. Use the power switch on the front panel for manual control if available.

### 6.2. Volume Control

Adjust the overall sound level using the 'VOL' knob on the front panel or the volume buttons on the remote control.

### 6.3. Input Selection

Use the input selector (if present) or mode button to switch between different audio sources such as USB, SD Card, AUX, or Bluetooth.

### 6.4. USB/SD Card Playback

Insert a USB flash drive or SD card into the respective slot. The unit will automatically detect and begin playing compatible audio files. Use the playback controls (play/pause, next/previous track) on the unit or remote.

### 6.5. Bluetooth Pairing

1. Ensure the amplifier is in Bluetooth mode. The display may show 'BT' or a Bluetooth icon.
2. On your mobile device (iPhone or Android), enable Bluetooth and search for available devices.
3. Select 'Z Power Dragon' (or similar name) from the list of devices to pair.
4. Once paired, you can stream audio wirelessly from your device to the amplifier.

### 6.6. Sound Adjustment

Use the 'LOW' (Bass), 'HIGH' (Treble), and 'BAL' (Balance) knobs on the front panel to fine-tune the audio output to your preference.

### 6.7. Microphone Input

The unit features MIC1 and MIC2 inputs. Connect a microphone for public address or karaoke functions. Adjust microphone volume using the dedicated controls.

## 7. MAINTENANCE

- Keep the amplifier unit clean by wiping it with a soft, dry cloth. Avoid using harsh chemicals or abrasive cleaners.
- Ensure proper ventilation around the unit to prevent overheating. Do not block any vents.
- Avoid liquid spills on or near the amplifier.
- Periodically check all wiring connections to ensure they are secure and free from corrosion.

## 8. TROUBLESHOOTING

| Problem                     | Possible Cause                                                          | Solution                                                                                                                        |
|-----------------------------|-------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------|
| No Power                    | Loose power connection, blown fuse, remote turn-on issue.               | Check power and ground connections. Inspect the inline fuse. Verify remote turn-on wire connection.                             |
| No Sound Output             | Incorrect speaker wiring, input source not selected, low volume, muted. | Check speaker connections and polarity. Ensure correct input source is selected. Increase volume. Check if unit is muted.       |
| Distorted Sound             | Input level too high, improper gain settings, faulty speaker.           | Adjust input level from the source unit. Check amplifier gain settings. Test with different speakers.                           |
| Bluetooth Connection Issues | Device not in pairing mode, amplifier not discoverable, interference.   | Ensure your device's Bluetooth is on and in pairing mode. Confirm amplifier is in Bluetooth mode. Move closer to the amplifier. |

## 9. SPECIFICATIONS

- **Brand:** Generic
- **Model Name:** GM X 900 (Model Number: XR 10256)
- **Connectivity Technology:** Bluetooth
- **Audio Output Mode:** Surround (2.1 Channel Configuration)
- **Mounting Type:** Quick Mount
- **Material:** Plastic, Metal
- **Speaker Type:** Amplifier, Multimedia
- **Special Feature:** High Fidelity Sound
- **Recommended Uses:** Music Players
- **Compatible Devices:** iPhone, Android devices
- **Control Method:** Remote
- **Speaker Size:** 8 cm
- **Product Dimensions (DxWxH):** 3 cm x 14 cm x 5 cm

- **Item Weight:** 1000 grams
- **Compatible Car Type:** Car
- **Included Components:** Battery Pack
- **Country of Origin:** China
- **Number of Items:** 1
- **Power Source:** Corded Electric
- **Audio Player Type:** Dynamic Player

## 10. WARRANTY AND SUPPORT

---

This product is covered by a **1-year manufacturer's warranty** from the date of purchase. This warranty covers manufacturing defects and ensures the product meets its specified performance standards under normal use.

For warranty claims, technical assistance, or any product-related inquiries, please contact the manufacturer directly or refer to the retailer's support channels for further details and assistance.