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## GIORDON MP686

# GIORDON MP686 Keyless Entry System User Manual

Model: MP686

## 1. INTRODUCTION

The GIORDON MP686 Keyless Entry System is designed to upgrade older vehicles with modern convenience and security features. This system allows for keyless entry, automatic window closing, and remote trunk opening, all controllable via a smartphone application. It is compatible with most DC12V compact cars, sedans, coupes, SUVs, and pick-up trucks.

This manual provides essential information for the installation, operation, and maintenance of your MP686 system. Please read it thoroughly before installation and use to ensure proper functionality and safety.

## 2. KEY FEATURES

- **Three-Way Keyless Entry Control:** Lock and unlock your car doors by shaking your phone, pressing a button within the dedicated app, or automatically as you approach the vehicle (Passive Keyless Entry - PKE).
- **Automatic Window Closing:** When the engine is turned off and the car is locked, the system can automatically close power windows. This feature requires the original car to have a compatible window lifting module.
- **App-Controlled Trunk Release:** Open your vehicle's trunk directly from the smartphone application.
- **Universal Compatibility:** Designed to fit approximately 95% of DC12V vehicles on the market.
- **Smartphone System Compatibility:** The control app is compatible with both iOS and Android smartphone systems.



MOBILE PHONE PKE



Image: Mobile Phone PKE - Automatic unlocking as you approach the vehicle.



SHAKE MOBILE PHONE 2 TIME

Image: Shake to Unlock - Unlock car doors by shaking your smartphone twice.



## App Open Trunk

Image: App Open Trunk - Remotely open your car's trunk using the smartphone app.

### 3. PACKAGE CONTENTS

Upon opening the package, please verify that all components are present and undamaged. The standard package for the GIORDON MP686 Keyless Entry System typically includes:

- MP686 Control Module
- Wiring Harness
- User Manual (this document)
- Additional accessories as specified on the product packaging



Image: GIORDON MP686 Keyless Entry System components, including the main module and wiring.

## 4. INSTALLATION

**Important:** Installation of automotive electronic systems can be complex and requires specialized knowledge and tools. Incorrect installation can lead to vehicle damage, system malfunction, or safety hazards. It is highly recommended that this product be installed by a qualified professional automotive technician.

### 4.1 General Installation Guidelines

While specific wiring diagrams for your vehicle model are not included in this general manual, the installation typically involves the following steps:

1. **Disconnect Battery:** Always disconnect the vehicle's negative battery terminal before beginning any electrical work.
2. **Mount Control Module:** Securely mount the MP686 control module in a dry, protected area within the vehicle, away from excessive heat or moisture.
3. **Wire Connections:** Connect the wiring harness to the vehicle's electrical system, including power, ground, ignition, door lock/unlock circuits, trunk release circuit, and window control circuits. Refer to your vehicle's specific wiring diagrams for accurate connection points.
4. **Test Connections:** Before reassembling the vehicle's interior, carefully test all connections and system functions.
5. **Secure Wiring:** Ensure all wiring is neatly routed and secured to prevent chafing, short circuits, or interference with moving parts.
6. **Reconnect Battery:** Once installation is complete and verified, reconnect the vehicle's battery.



Image: Professional installation is recommended for automotive electronic systems.

## 5. APP SETUP

To utilize the full functionality of your GIORDON MP686 system, you need to download and set up the dedicated smartphone application.

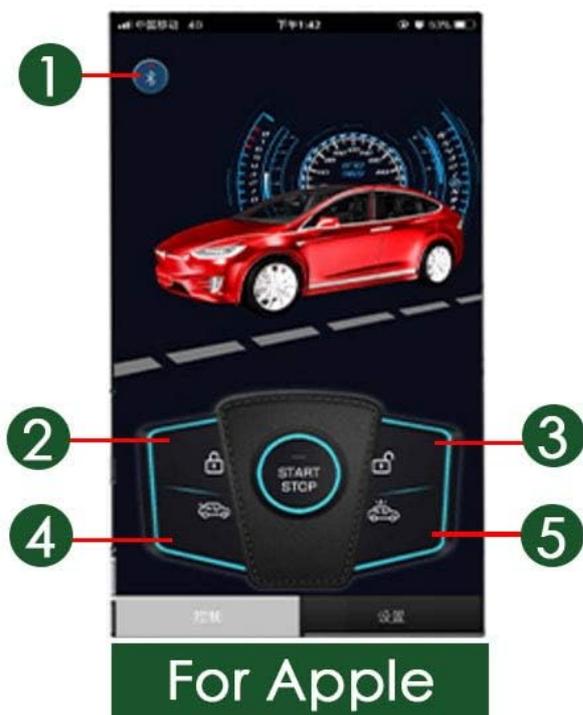
### 5.1 Downloading the App

Locate the QR code provided with your product packaging or within the manual. Scan this QR code with your smartphone to download the official GIORDON car control application from your device's app store (Apple App Store for iOS, Google Play Store for Android).

### 5.2 Connecting to the System

1. Ensure your vehicle's ignition is off and the MP686 module is powered.
2. Enable Bluetooth on your smartphone.
3. Open the GIORDON car control app. The app should automatically detect and connect to the MP686 module via Bluetooth. Follow any on-screen prompts to complete the pairing process.
4. Once connected, the app's main interface will display the vehicle status and control options.

## MAIN PAGE INTRODUCTION



- |                 |               |          |
|-----------------|---------------|----------|
| 1 Bluetooth     | 2 Lock        | 3 Unlock |
| 4 Trunk release | 5 Meaningless |          |

## 6. OPERATION

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Once the system is installed and the app is set up, you can begin using the keyless entry and control features.

### 6.1 Locking and Unlocking Doors

- **App Button Control:** Open the GIORDON app and tap the 'Lock' or 'Unlock' button displayed on the main interface.
- **Shake Phone Control:** With the app open and connected, shake your smartphone twice to toggle between lock and unlock states.
- **Passive Keyless Entry (PKE):** As you approach your vehicle with your smartphone (and the app running in the background or foreground), the system can automatically unlock the doors. Similarly, as you walk away, it can automatically lock them. Ensure this feature is enabled in the app settings if desired.

### 6.2 Trunk Release

To open your vehicle's trunk, open the GIORDON app and tap the 'Trunk Release' button on the main interface.

### 6.3 Automatic Window Closing

If your vehicle is equipped with a power window lifting module, the MP686 system can be configured to automatically close all power windows when the vehicle's engine is turned off and the doors are locked. This feature helps enhance vehicle security and weather protection.

## 7. TROUBLESHOOTING

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If you encounter issues with your GIORDON MP686 Keyless Entry System, please refer to the following common troubleshooting steps:

- **System Not Responding:**
  - Check all power and ground connections to the MP686 module.
  - Ensure your vehicle's battery has sufficient charge.
  - Verify the app is open and connected via Bluetooth to the module.
- **App Connection Issues:**
  - Ensure Bluetooth is enabled on your smartphone.
  - Restart the GIORDON app.
  - Try restarting your smartphone.
  - Ensure the app has necessary permissions (e.g., Bluetooth, location) on your phone.
- **Doors Not Locking/Unlocking:**
  - Verify the wiring connections to the vehicle's door lock actuators.
  - Check the vehicle's original door lock system for any faults.
- **Trunk Not Opening:**
  - Inspect the wiring to the trunk release mechanism.
  - Ensure the vehicle's original trunk release system is functional.

- **Automatic Window Closing Not Working:**

- Confirm your vehicle has a compatible power window lifting module.
- Verify the connections to the window control circuits.

If these steps do not resolve the issue, or if you are unsure about any aspect of the installation or troubleshooting, please contact a professional automotive technician or GIORDON customer support for assistance.

## 8. SPECIFICATIONS

Feature	Specification
Model	MP686
Brand	GIORDON
Item Weight	4.1 ounces
Package Dimensions	6.42 x 3.66 x 1.81 inches
Wireless Remote	Yes
Compatible Devices	Smartphone (iOS & Android)
Maximum Range	2 Meters (Bluetooth PKE)
Power Requirement	DC12V

## 9. SAFETY INFORMATION

- Always disconnect the vehicle's battery before performing any electrical installation.
- Ensure all wiring is properly insulated and secured to prevent short circuits or electrical fires.
- Do not attempt to modify the product or its components. Unauthorized modifications can void the warranty and create safety risks.
- Keep the control module and wiring away from moving parts, extreme heat, and moisture.
- Ensure the vehicle is in a safe, stable position before working on it.
- Never leave children or pets unattended in a vehicle, especially when the keyless entry system is active.

## 10. WARRANTY AND SUPPORT

For information regarding the product warranty, please refer to the documentation included with your purchase or contact the seller directly. If you require technical support or have questions about the GIORDON MP686 Keyless Entry System, please reach out to GIORDON customer service through the contact information provided on their official website or through your purchase platform.

