

GSM Car Alarm System J029

Operating Instruction

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I. Product Introduction

1. Product Overview

GSM CAR ALARM SYSTEM is a new version of two-way car alarm system. It combines the GSM mobile communication, MGPS locating technology and MICROCHIP rolling code technology, multi-code mating and microcomputer technology. The car owners can remote control the car by telephone in another place even in another city. This system can call any telephone number automatically upon there is alarm in the car. It can also arm, disarm, speak to the car, and cut off the electricity or petrolic circuit, remote start, and monitor. If the car is lost or robbed, this system can locate the car if you apply the local locate service from local GSM providers.





2. Name of the Product

GSM CAR ALARM SYSTEM J029

3. Basic Components

1 mainframe, 2 remote controls, 1 dialer, 1 vibrator, 1 siren, 1 relay, 1 emergency help switch, 1 LED, 1 microphone, 1 bundle of output wire (12 holes), 1 bundle of input wire (8 holes), 1 bundle of input wire (4 holes), 1 bundle of start connection wire, 1 operating instruction, 1 bundle of fastening wire

4. Buttons of the Remote Control

LOCK/ 	UNLOCK/ 		
Arm	Disarm	Mute	Car finding

5. Technical Specification

5.1. Mainframe

Working Voltage: 12V

Static Current (+GSM Module): 40mA -60mA

Arm/Disarm Working Frequency: 315MHZ-316HMZ

Cover Area and Capacity: identical to the GSM system

Location Accuracy: 10-300M (which depends on the GSM service)

Alarming Time: Last until it is disarmed or the alarm telephone is answered

5.2. Voltage of the Output Control Point

Ignition Control: 0V

Alarm Control: 12V

Petrol Control : 0V

Siren Control : 12V

5.3. Input Checking Voltage

Door: 0V

Key: 12V

Foot Brake: 12V

5.4. GSM Module

Frequency Range: GSM 900MHZ/1800MHZ

Voltage of Serial Interface: 2.8V

Stand-by Current: 11-25mA

Control Distance: No limit in the network of GSM

5.5. Remote Control

Working Voltage: 12V(1 A27 12V dry battery)

Working Frequency: 300MHz-500HMz

Remote Control Distance: >20M <100M

Static Current: 0mA

5.6. Working Conditions

5.6.1. Mainframe

Storage Temp.: -30°C-85°C

Working Temp.: -20°C-65°C

Working Humidity: 25% — 95%

5.6.2. Accessory

Storage Temp.: -40°C-100°C

Working Temp.: -20°C-85°C

Working Humidity: 25% — 95%

5.7. Size of the Mainframe

134MM*120MM*34MM

II. Original Settings

The first thing after installation is to set alarm phone numbers, emergency number and password. The user must set at least one alarm phone number to ensure the normal functions of this system.

1. Insert a SIM Card

Before using this system, please buy a SIM card of GSM. Insert the card into the back of mainframe. Please remember the card number.

2. Set and Modify the Code and password forgetting

Setting and modify the password of SIM card

Please change the original code of this system in order to prevent any wrong telephone call and illegal operation.

Operation Solution: Dial the SIM card number to enter into the Main Menu of Operation, then to "Modify Code" to set your own code.

3. Forget the Code

Solution: Make an alarm purposely by someone. Answering the alarm telephone, the owner can change the code by following the voice instruction.

4. Delete the code

Press# instead of any numbers + # when you are setting the code, the system will speak "code deleted". Then press confirmation button to finish.

5. Set Normal Alarm Telephone Number

2 normal alarm telephone numbers can be set into this system. In case of any alarm, this system will call these 2 numbers by turns, which will never stop until one of these calls is answered.

Operation Solution: Dial the SIM card number to enter into the Main Menu of Operation, then to "Alarm Phone Setting" to set the alarm telephone.

6. Set Emergency Help Number

Operation Solution: Dial the SIM card number to enter into the Main Menu of Operation, then to "Alarm Phone Setting" to set it.

When the car enters into anti-hijacking status, the mainframe of this system will dial the emergency help number to get help. As the driver may be restrained to take any action in this situation, owner had better set his intimate's or family telephone into this emergency help number.

7. Close or Open an Alarm Telephone Number

The user can enter into the Main Menu of operation to close or open one of the alarm phone numbers..

8. Delete an Alarm Telephone Number

Press # instead of numbers + # when you are setting the alarm telephone number. The system will speak "Phone number deleted"., then press confirmation button to finish.

III. Function and Operation

1. Alarm and Trigger Mode

1.1. Alarm Mode of LED

In armed: LED flash 3 times, stop for 1 second...

Triggered by shock: LED flash 3 times, stop for 1 second...

Trigger from power-on: LED flash for 2 seconds, stop for 2 seconds...

Disarming after being triggered: LED flash for 3 seconds

1.2. Alarm Mode of Door/Ignition Start/Foot Brake Trigger

In the armed condition, there will be alarm if the door is opened, or the car is ignited, or someone steps on the foot brakes, the system will alarm as below:

A. The siren beeps.

B. The turn light flashes for 25 seconds.

C. System calls the alarm phone number.

1.3. Shock Alarm

In the armed mode, any window breakage, bump will induce telephone alarm. The system also alarm as below:

● In sound and light armed mode, the first trigger will induce: A. the siren beeps; B. Turn lights flash for 5 seconds. Another trigger in 15 seconds will induce; A. The siren beeps; B. Turn lights flash for 25 seconds; C. Mainframe calls the alarm telephone.

● In mute armed condition, the first trigger will induce turn lights flash for 5 second. Another trigger in 15 seconds will induce: A. Turn lights flash for 25 seconds; B. Mainframe calls the alarm telephone.

1.4. Power Off and Wire Cut-off Alarm

In armed mode, if the power is off or the wire of mainframe is cut off, the phone of mainframe will dial the 1st alarm telephone in 10 seconds.

1.5. Alarm Memory Recall

If the car has been triggered, the siren will beep once and the lights flash for 3 seconds when the door is opened.

1.6. Parking Warning

When ACC is off, the lights will flash 15 seconds to give warning to the car behind when the door is opened.

1.7. Real-time Trigger Report

If there is alarm on the car when the user is using a phone to operate this system, the system will stop the operating to report the alarm modes and then auto return the main menu.

2. Auto Function

2.1. Resume the Armed Condition upon Door not Opened

In disarmed condition, if the door is not opened in 25 seconds, this system will go back to the armed mode automatically.

2.2. Warning of arm the car

When the ACC is off, if the car is not armed in 10 seconds after the door is closed, the system will beep 3 times and lights will flash 3 times to remind the car owner to arm the car.

2.3. Reminding to close the door

If the car is parked and armed with door not closed properly, the system will beep for 3 times and the turn lights flash. In this case, the owner should disarm the car and close the door properly. Otherwise, there will be beep 10 seconds later.

2.4. Returning to original mode before power off

If the system is destroyed, it can go back to the original condition 5 seconds after the power is recovered.

2.5. Automatic Central Lock

When ACC is on, step on the brake after 15 seconds, the door will be locked automatically. When ACC is off, the door will be unlocked automatically.

2.6. Electric/Air Compressor Lock Optional


Switch the LUCKY TYPE off in the mainframe, air compressor lock will work; switch the LUCKY TYPE on, the electric lock will work. Selecting the lock should be carried under power off condition.

3. Remote Control


3.1. Arm and Disarm

3.1.1 Press  to arm the car. Lock the door and then the system enters into light and sound alarm mode.


3.1.2 Press  to disarm the car. Open the door.

3.1.3 Press  to arm the car. Lock the door and then the system enters into Mute Alarm Mode.

3.2 Search

A press of  makes the turn light flash for 25 seconds and siren beep for 25 seconds, which indicates the location. Press any button to stop the beep and flash.

3.3 Remote Open the Trunk

In disarmed mode, press  for 5 seconds to open the trunk. The siren will beep once.

3.4 Remote Open or Close the Central Lock

In driving, press  to close the central lock, and  to open the lock.


3.5 Emergency Help Alarm

In driving, the driver can press emergency help switch or operate the remote control as follows.

(1). Press  for 3 seconds:

A. The turn lights flash. B. Siren beeps. C. The engine is locked after 10seconds.

D. The system calls the alarm phone automatically.

Press  to stop the alarm.


(2). Press emergency help switch for 3 seconds:

A. The system will call alarm phone automatically.

B. LED flashes 2 times in every 5 seconds.

This alarm system will dial the emergency help number without sound and light alarm automatically, at the same time, his friends or family can put through the line to monitor the situation in the car. Press # to release the alarm.

At the same time, the LED will flash 3 times in every 5 seconds.

Press the switch secretly to set alarm without being detected by robbers. A press of  can stop the alarm.

4. Telephone Operation

4.1. Arm/Disarm by Telephone

4.1.1. Dial the phone of mainframe, and enter into the main menu of operation, then to car control menu, select arm or disarm.

4.1.2. When the car is running, the arm function fails.

4.1.3. Armed by the phone, the car can only be disarmed by telephone, and can be started by remote control.

4.2. Prohibit or Permit Telephone Alarm

4.2.1. Prohibit Telephone Alarm

When the car is repairing or in other abnormal condition (such as in an accident), you can set the system into prohibit phone alarm mode to avoid unnecessary alarming call.

Operation Solution: Dial the number of mainframe and enter into Main Menu of Operation, then to Function Setting Menu, select Prohibit Phone Alarm.

Notice: When the system enters into prohibit phone alarm mode, the system will not report any alarm by phone, also the original phone alarming setting fails.

4.2.2. Permit Telephone Alarm

Dial the number of mainframe and enter into Main Menu of Operation, then to Function Setting Menu, select Permit Phone Alarm.

4.3. Close /Open Vibrator by Telephone

Dial the number of mainframe and enter into Main Menu of Operation, then to Function Setting Menu, select close the Vibrator or open off the Vibrator.

4.4. Monitor by Telephone

The car owner can monitor the situation inside the car by phone.

Operation Solution: Dial the number of mainframe and enter into Main Menu of Operation, then press 2 to select Monitor. Press 5 to open/close siren. Press # to postpone, and "0" to quit.

4.5. Speak to the Car by Telephone

The car owner can give voice warning to the theft by phone.

Operation Solution: Dial the number of mainframe and enter into Main Menu of Operation, then press 3 to select Voice Warning. Press # to postpone, and "0" to quit.

4.6. Stop the Engine by Telephone

Dial the number of mainframe and enter into Main Menu of Operation, then press 4 to select Car Control Menu, and then press 5 to select Prohibit Car Driving. The turn lights flash for 50 seconds, and then the siren beeps with light flash for 50 seconds. After that, the engine is stopped in 10 seconds.

If the car is stopped by phone, only a release by phone can start the engine. Both stopping and starting order are mandatory orders. They only switch the petrolic/electrical circuit on/off, which doesn't affect the armed/disarmed condition.

4.7. Lock/Unlock the Door by Telephone

Dial the number of mainframe and enter into Main Menu of Operation, then press 4 to select Car Control Menu, and the press 3 to lock, 4 to unlock.

4.8. Inquire by Telephone

Select Inquiry in the Main Menu of Operation to inquire the condition of the car. All the conditions are as follows.

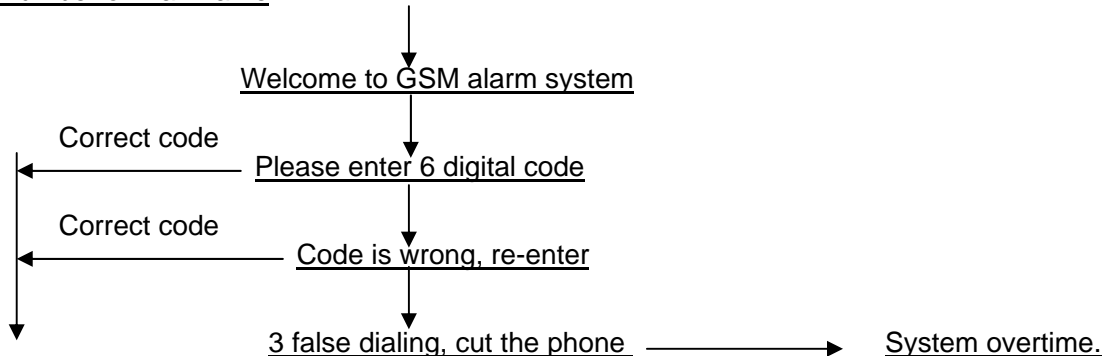
- Disarm means that the owner has disarmed the car by remote control.
- Arm that the owner has armed the car by remote control.
- Armed by Telephone means that the owner has armed the car by phone.
- Unlock means that the door has been closed but unlocked.
- Lock means that the door has been closed and locked.
- Door Open means that the door has not been closed properly.
- Running means that the ACC on the position of ON.
- Already Disable Alarm that the owner has sent the order of prohibiting alarming.
- Already Enable Alarm Running means that the owner has sent the order of allowing alarming.
- Already Disable Car Running means that the owner has sent the order of prohibiting driving car.
- Already Enable Car Running that the owner has sent the order of allowing driving car.
- Incomplete Setting means that the owner hasn't set any alarm telephone.

5. Telephone Operation Menu

5.1. Enter into the Telephone Operation

Dial the mainframe phone according to the voice instruction, and enter into the normal operating status after input the correct password.

Dial the number of mainframe



Enter into main menu of operation

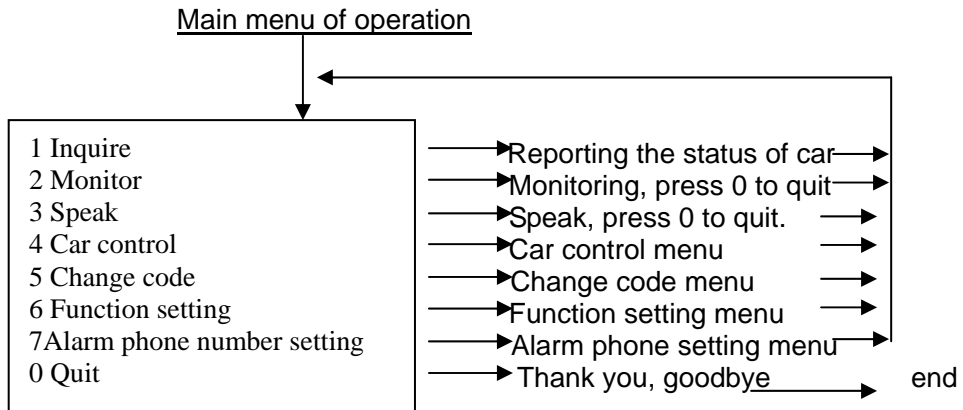
It is no need to input the code for the owner when he get the alarm report. He can operate this system by following the voice instruction after answering the alarm call.

Receiving the alarm from mainframe by phone

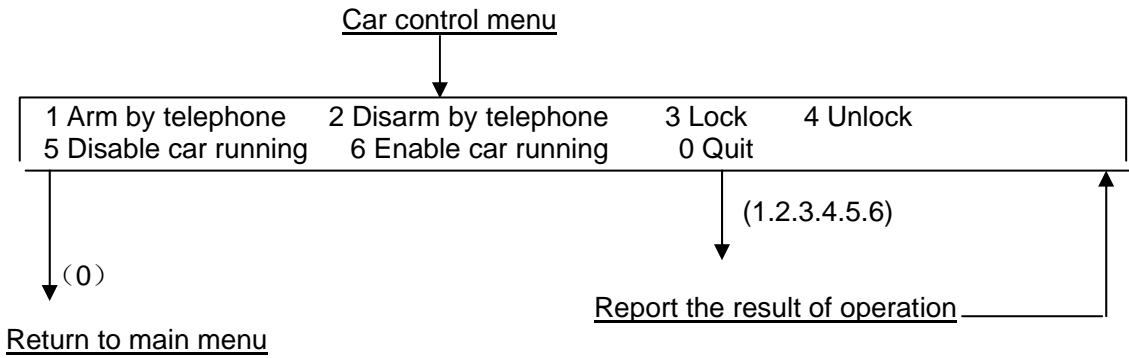
The mainframe reports the specific alarm content:
shock, door open, engine start, hi-jacking, engine cut-off (*2、 3)

Enter into main menu of operation

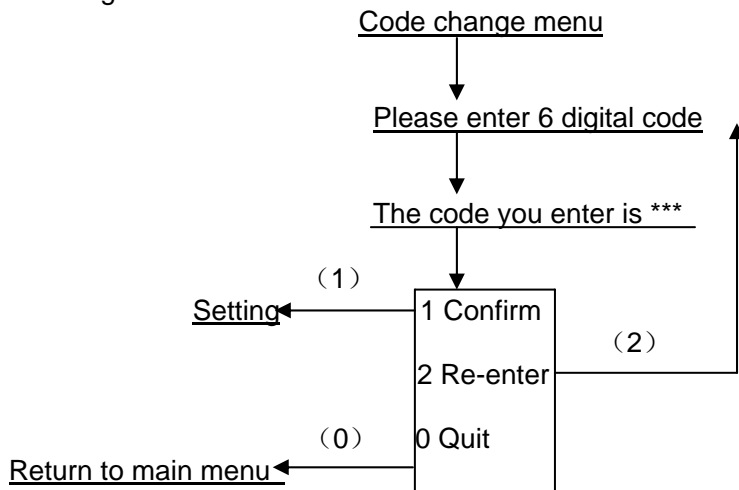
5.2. Operation Menu



5.3. Car Control Menu

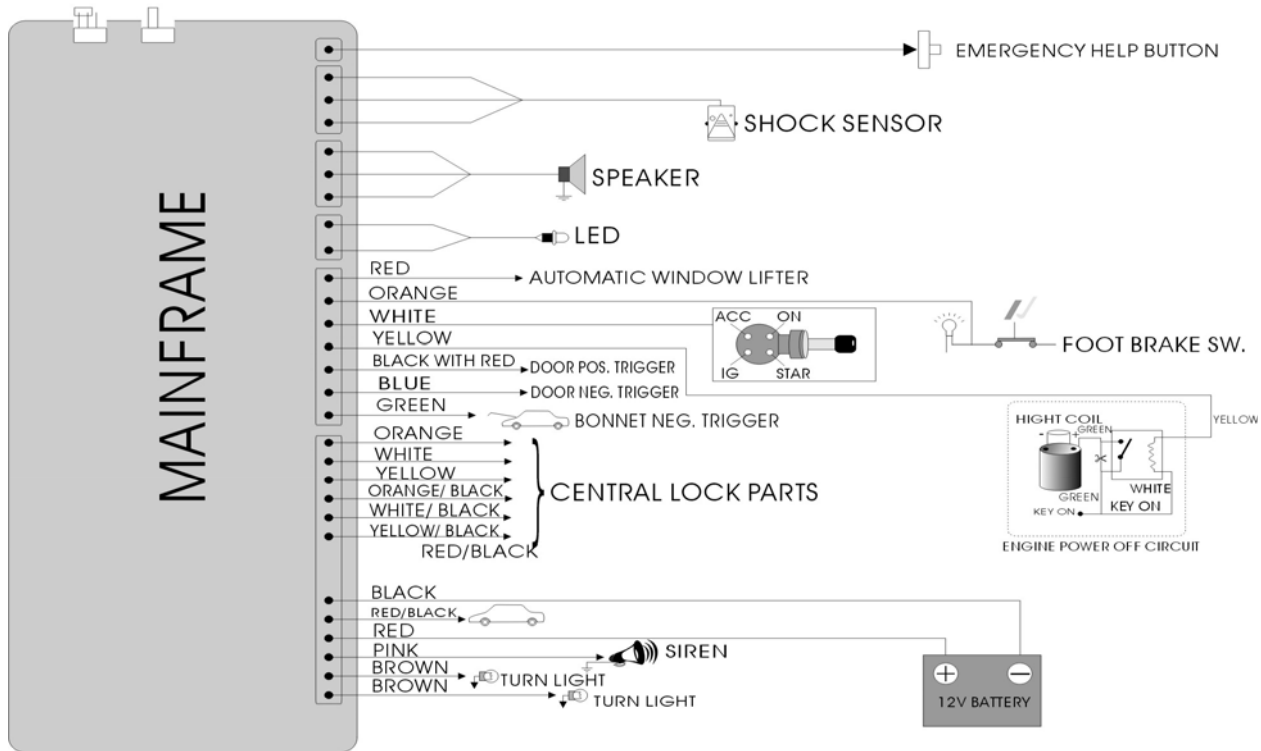


5.4. Code Change Menu

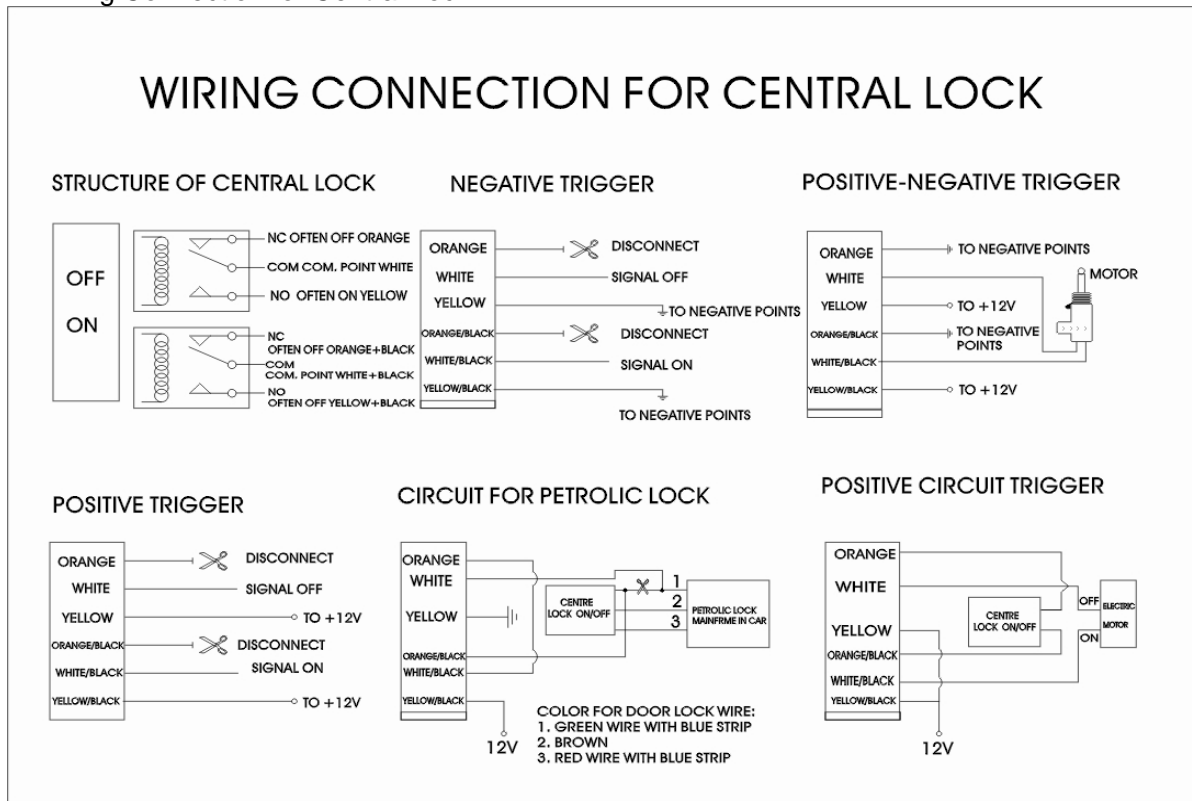


5.5. Function Setting Menu

WIRING CONNECTION FOR MAINFRAME



2.2. Wiring Connection for Central Lock



V. Maintenance

1. Introduction

- 1.1. Generally speaking, there is no need to disconnect the mainframe to have maintenance for the users. If there is any function failure, please contact the distributor or manufacturer for professional help.
- 1.2. If the car telephone works, while the remote control fails, please check and change the battery in the remote control.
- 1.3. If the remote control works, while the car telephone fails, please switch the power of mainframe off and switch it on 1 minute later. Test this system after another minute.
- 1.4. If both the remote control and car telephone fail, please check the power of the mainframe.
- 1.5. If the problem can't be solved, please contact the professionals of the distributor or manufacturer.