

GSM CAR ALARM SYSTEM

USER S MANUAL

Features:

1 Mainframe size: 134MM*120MM*34MM

2 Mainframe:

Working Voltage: 12V

Static current: (including GSM module) 40mA-60mA

Frequency: 300MHZ-350HMZ

Cover range and managing capacity: the same as the local GSM network

Location precision: 10-300 m (according to the local GSM network)

Warning time: till the system is disarmed or alarming phone is picked up.

3 Output voltage:

Voltage for stopping the engine: 0 V

Voltage for warning light: 12V

Voltage for gasoline circuit: 0V

Voltage for siren: 12V

4 Input voltage:

Voltage for door inspection: 0V

Voltage for ignition: 12V

Voltage for foot brake: 12V

5 GSM module

Frequency: GSM900MHz or 1800MHz or 1900MHz

Voltage: 2.8V

Valet current: 11-25mA

Operation Distance: 20-100m

Static current: 0mA

6 Transmitter

Voltage: 12V

Frequency: 300MHz-350MHz

Distance: >20 m

Static Current: 0mA

Initial Setup

Insert the SIM card

Buy the GSM SIM card and insert it into the mainframe, please remember the SIM number

Password (Default setting is 000000)

1 Setup and modify the password

Please setup your own password after installing car alarm, which prevent the others from using your car alarm

2 Forget password

If you forget your password, you can trigger the system alarm, then modify the password according to the voice indicator.

Setup the alarming telephone numbers

- 1 The alarm telephone numbers are the preset numbers of cell phone or home telephone that the system automatically dials in emergency situation. User can preset 1 or 2 telephone numbers, yet the first preset one will take priority over the second one. When the system fails to connect to the first number it will switch to the second one. In case the second number fail to be connected too, the system will return to the first number. This will go on and on until either of 2 numbers is hung up.
- 2 First dial the telephone numbers of mainframe installed in the car by using any telephone of double audio frequency or cell phone, then follow the sound instruction to enter alarm telephone setup menu to setup the alarm telephone.

Emergency help telephone

When the car entering anti-hijacking state, the system will dial the emergency alarm telephone for help. So user should preset the home telephone or the friend telephone as the emergency alarm telephone for convenience.

Stop or start or delete one alarm telephone

1 Stop or start alarm telephone

User can set up 2 alarm telephone numbers, and can stop either alarm telephone temporarily and use it again if need. User can do it by function menu STOP / START alarm telephone chosen item.

2. Delete one alarm telephone

User can delete one alarm telephone by the following instruction: when setting the numbers, do not input any number, just input #, the system will indicate the empty content, then choose the CONFIRMATION item to delete the number.

Function Operation

Type of alarming

1 The way LED flashes

In armed mode: LED flashes twice, pauses 1second

Shock trigger: LED flashes three times, pauses 1second

Switch trigger: LED is on for 2 seconds, pauses 2 seconds

2 Trigger alarm (open the door, start the car, step on foot brake)

In armed mode, open the car door; turn ignition on or step on foot brake will trigger the alarm. The siren will sound for long time, direction light will flash for 25 seconds; the system will dial the alarming telephone number.

3 Shocking alarm

In armed mode, breaking glass, knocking on car will trigger the alarm:

(1) Audio alarming mode: for the first shock, the siren will sound loudly, direction light will flash for 5 seconds. The next shock within 15 seconds will results in the siren sounding loudly, the direction light flashing for 25 seconds and the system dialing the alarming phone number.

(2) Mute alarming mode: For the first shock, the direction will flash for 5 seconds. The next shock within 15 seconds will result in direction light flashing for 25 seconds and the system dialing the alarming phone number.

4 System power off and cut off wires

In armed mode, if mainframe controlling cable is cut off or system is powered off, the system will dial the alarming phone within 10 seconds.

5 Trigger indicator

After disarming the system, if the siren sounds once, the warning light is solid on for 3 seconds, that is indicating the car was triggered.

6 Parking indicator

Opening doors when parking the car, the direction light will flash for 15 seconds automatically, which reminding the following car to avoid the car crash.

7 Warning report

When the user is operating the mainframe by telephone, the alarm happens, the system will stop the operation and report the car status then return to the main menu.

Auto function

1 Auto re-arm

Within 25 seconds after disarming, if the door is not opened, the system will auto re-arm.

Reminder of arming

When parking the car, within 10 seconds the driver does not arm the system after closing the door, the system will sound like "di di di" and direction light will flash simultaneously which is reminding the driver to arm the car.



Auto arm after closing door

If the car is not armed within 50 seconds after closing the doors, the system will automatically enter the armed status.

4 Auto arm when door left opened by carelessness

When parking the car, if the door is not well closed and the system is not armed, the siren will sound twice, the direction light will flash, which indicate the door is unlocked, the driver should disarm and lock door and arm again, otherwise siren sound loudly after 10 seconds.

Central locking automatization




15 seconds after driving the car, for the first time stepping on the foot brake, the door will be locked automatically. When stop the car, the central lock will unlock the door. In driving, press  to lock the door, press  to unlock the door.

6 Auto change to air lock


The mainframe JPI is in NC mode, it is the air lock, if the JPI is in NO mode, it is electronic lock

Remote controller operation


1 Remote arm and disarm

- (1) Shortly press  to arm, lock the door and enter the arm status.
- (2) Shortly press  to disarm, unlock the door.
- (3) Shortly press  to arm, lock the door and enter the mute arm status.



2 Car finding

Shortly press , the car light will flash for 25 seconds to locate the car. Press any button to exit this state.

3 Remote release trunk

In disarmed mode, press  for 5 seconds to release trunk, siren will sound once.

4 Control the shock sensor by transmitter


In armed mode, press  for 5 seconds, siren will sound twice, the shock sensor will be disabled, press  for 5 seconds, siren will sound once and the shocking sensor will be activated.


5 Remote open and close central lock

When driving, press  to close the central lock, press  to open the central lock

6 Emergency help


When car is robbed in driving, press "Emergency help button" for help.

- 1 Press  for 3 seconds, lights will flash and siren will sound loudly. The car will be stopped

after 10 seconds (cut off electronic and gasoline circuit.), The mainframe will dial the emergency help phone, press  to stop..

- 2 Press " Emergency help button" for 3 seconds

A The mainframe will dial the emergency help phone for help.

B No audio and light alarm: trigger alarm secretly and the robber will be unaware of it. Press  to stop.

Telephone Operation

1 Phone arm and disarm

- (1) Use mobile or telephone to dial the mainframe phone to enter OPERATION MAIN MENU, then enter CAR CONTROLLING MENU, and choose arm by dialing or disarm by dialing .
- (2) When driving, PHONE ARM function is not available.
- (3) If the system is armed by phone, the user must disarm the system by phone too, the transmitter will be unavailable to disarm. This is the priority of phone controlling to prevent anyone from entering your car with the lost transmitters.

2 Forbid or allow to phone alarm

- (1) Forbid to phone alarm

If the car is under repairing or in any other unusual situation, you can use the FORBID PHONE ALARM function to avoid the unnecessary alarming to your phone. Enter OPERATION MAIN MENU, then FUNCTION SETUP MENU, choose FORBID ALARM.

Notice: Be careful to use forbid alarm function, otherwise the mainframe does not make any alarming call, the Forbid Engine Starting and phone arm function are not available

- (2) Allow phone alarm

As soon as the car gets back to normal state, use allow phone alarm function to let the system be in normal condition. Upon Enter operation main menu, then function setup menu, choose allow phone alarm function.

- (3) Phone disable and enable the shocking sensor

Enter operation main menu, then function setup menu, choose turn off shocking sensor or turn on shocking sensor function.

3 Monitoring

Monitor the status in the car by mobile or by telephone. Enter operation main menu, press 2 to listen and press 0 to exit.

4 Phone call

Remote call the car by mobile or telephone, to warn and terrify the thief. Enter Operation main menu, press 2 to call, press 0 to exit.

5 Telephone forbid car running.

Remote cut off electronic and gasoline circuit by mobile or by telephone. Enter operation main menu, press 4 to enter car controlling menu, press 5 to enter forbid car running, within 10 seconds the engine will be turned off.

6 Phone open/close door

User can remote open or close door by phone.

Enter operation main menu, press 4 to enter car controlling menu, press 3 or 4 to lock or unlock.

7 Inquiry car status by phone

To know the car status, please select the inquiry function by phone

Enter operation main menu, press 1 to inquiry

It includes the following information

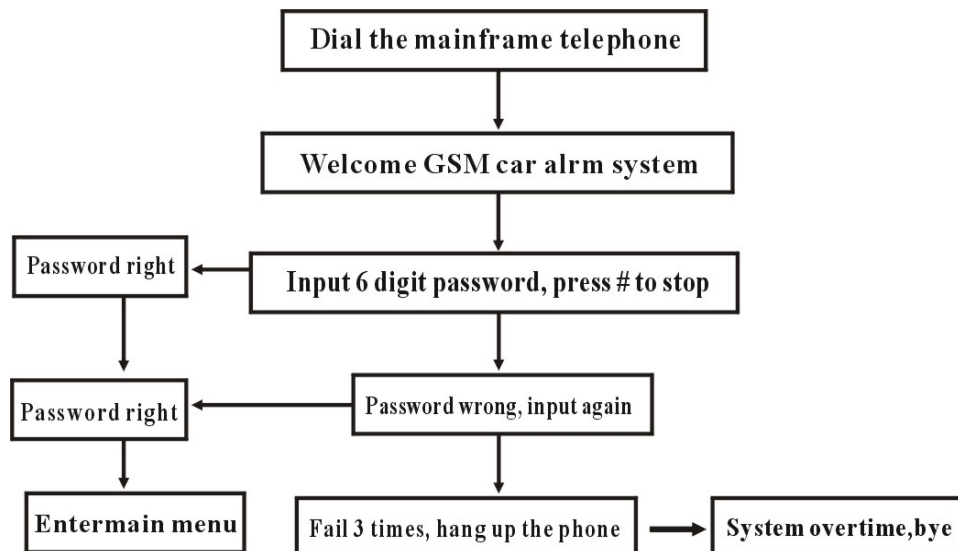
Disarmed means that the user had disarmed the system by transmitter

Armed means that user had armed the system by transmitter
 Armed by phone means that user had armed the system by phone
 Unlocked means that the car door is closed but not locked.
 Locked means that the car door is closed and locked.
 Door opened means that the car door is not well locked.
 Key turned on means the key is on the “on” position
 Engine started means user had remote started the engine.
 Alarm disabled means that user had sent order to forbid alarming
 Alarm turned on means that user had sent order to allow alarming
 Forbid engine to be started means that user had send order to forbid car running
 Engine ready to start means that user had sent order to allow car running
 Invalid setting means that user hadn’t set up the full 3 alarming phone numbers..

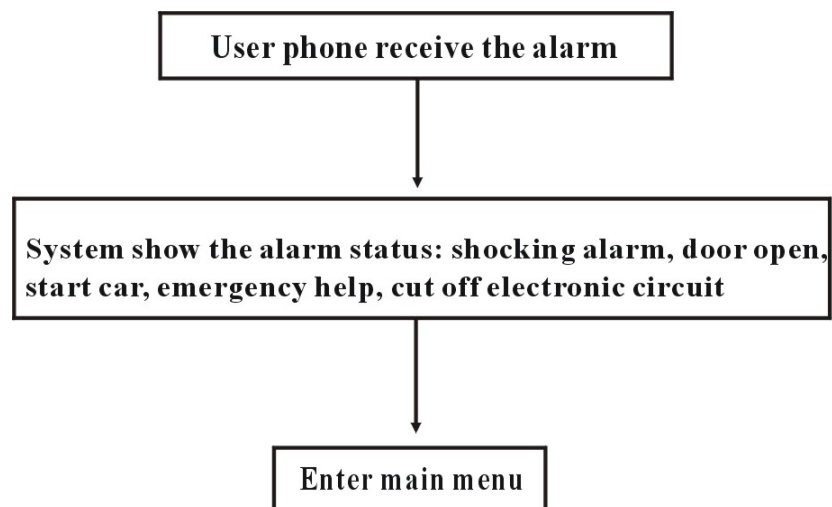
Telephone Operation Menu

1 Enter Telephone Operation

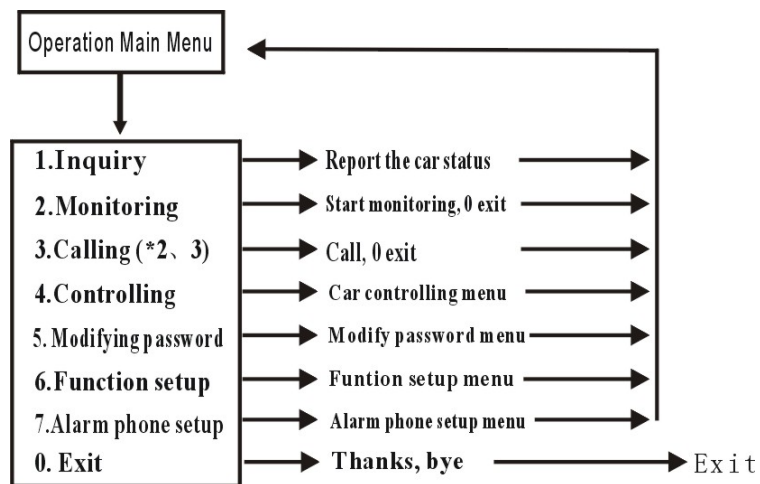
User must follow the voice instruction to input the 6-digit password to enter operation menu.



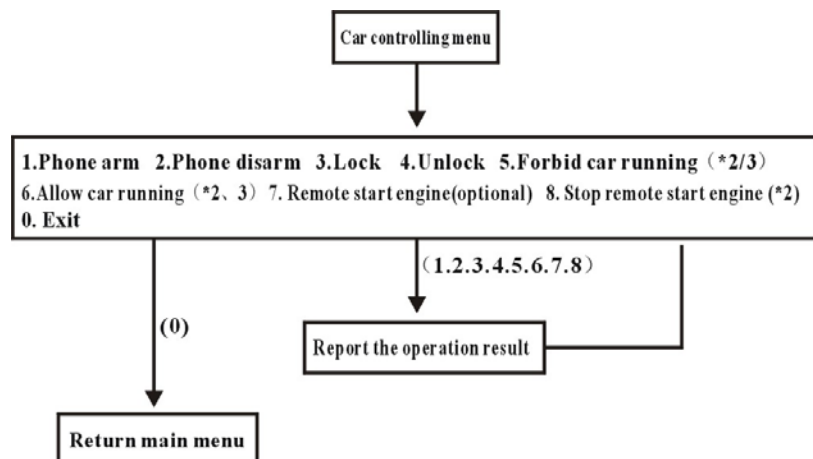
User is not required to input any password when the receiving an alarming call from the car. Just follow the voice instruction.



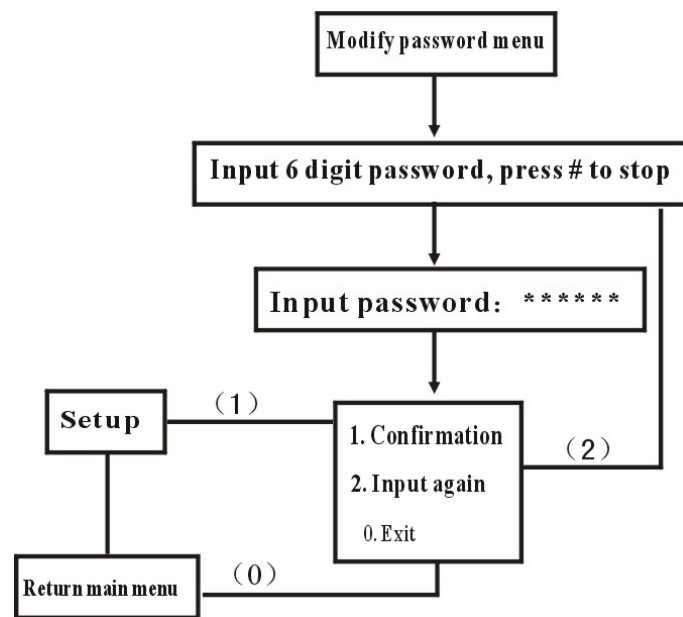
2 Operation main menu



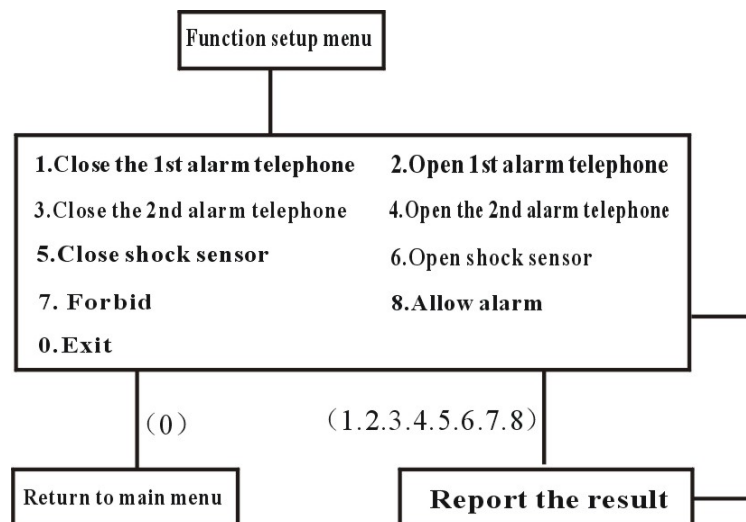
3 Car controlling menu



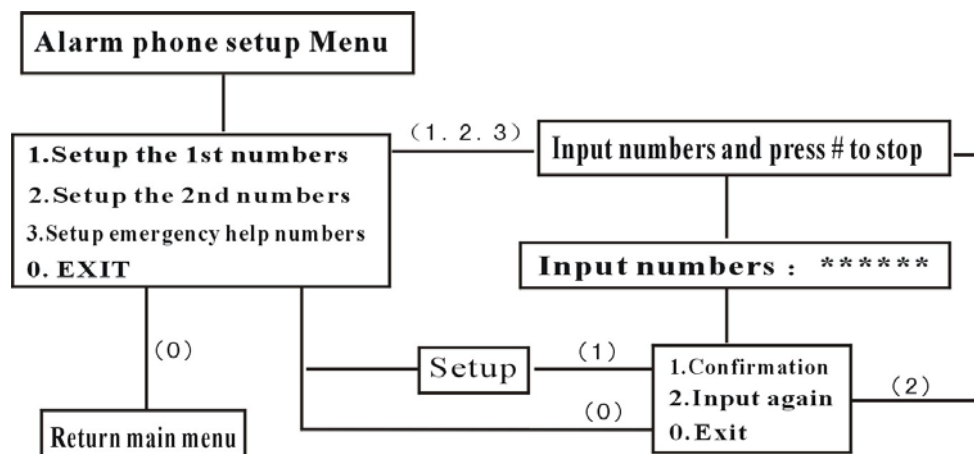
4 Modify password menu



5 Function Setup Menu



6.ALARM TELEPHONE OPERATION MENU



Usage for hands free GSM mobile telephone

- 1 System has the handsfree GSM mobile telephone, its usage and quality is the same as a common mobile telephone.
- 2 Handsfree mobile telephone is wireless, output microphone and loudspeaker.
- 3 In disarmed mode, handsfree mobile phone can be used but it can not be used in armed mode. In disarmed mode, the system voice will be: 1 car control 2. talking. Press 2 to enter handsfree mobile phone..
- 4 Press “yes” to make a call or press “yes” to receive a call with the dial panel.

MGPS mobile network location

- 1 As long as the local GSM network provider offers this service, the system is available to MPGS mobile network location function. The owner is able to find out the location of his stolen car with this function.
- 2 After installing the system, the user should go to the local telecom department to apply for the mobile location service.
- 3 The precision and charge of location service should be subject to the local telecom standard.

Installation

- 1 Ask the professional person to do
- 2 Try to install the system as hidden as possible
- 3 Read the manual before installation
- 4 Test it after installation

2 Central locking system

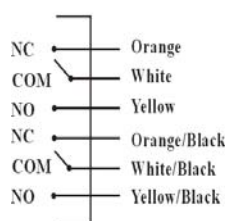


Diagram 1

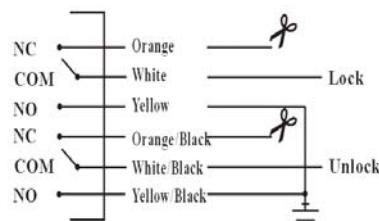


Diagram 2 (-) trigger

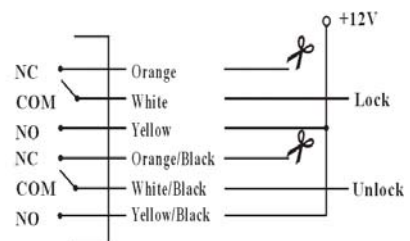


Diagram 3 (+) trigger

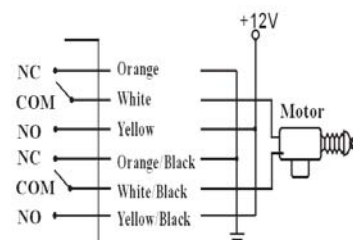


Diagram 4 (+) trigger and (-) trigger

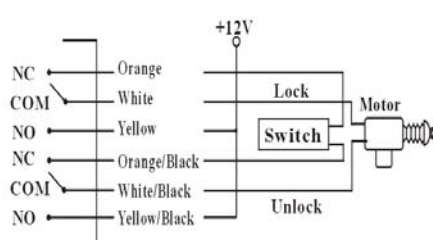


Diagram 5

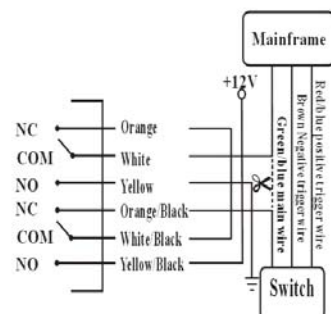
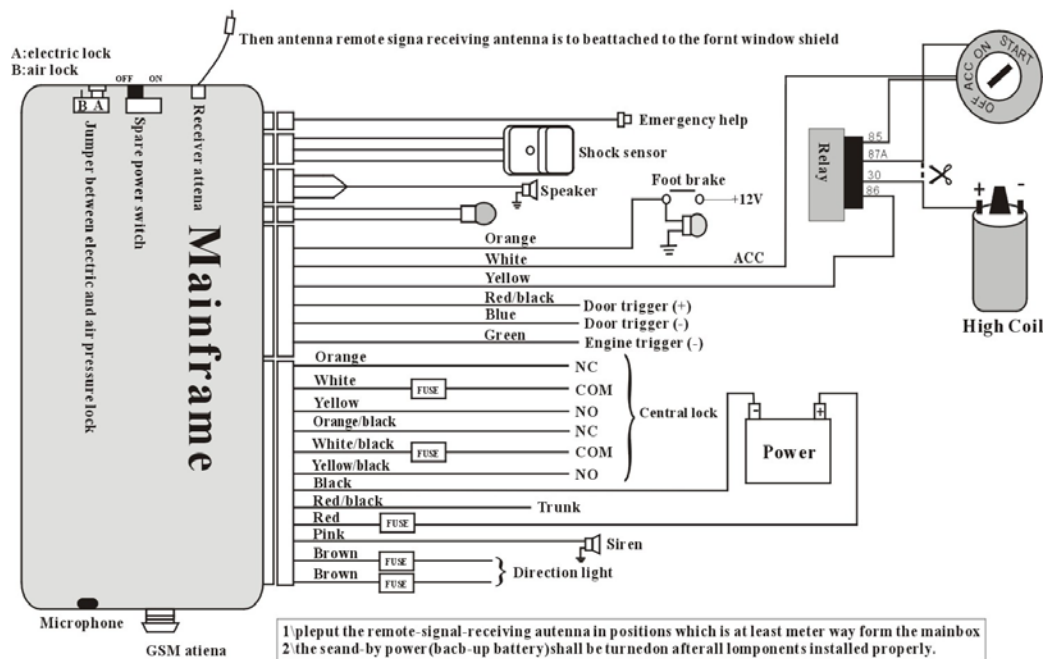


Diagram 6 Air-compressor lock

Diagram



Maintenance

Maintenance:

- 1 Do not open the mainframe by yourself in the case of it doesn't work properly, please ask professional technician to do it for you.
- 2 If remote controller doesn't work while phone controlling is still available, please check the remote controller battery.
- 3 If remote controller works while phone controlling is not available, please cut off the power supply for mainframe for 1 minute and restart it. Try again after 1 minute.
- 4 If remote controller and phone controlling are not effective, please check whether mainframe power is connected.
- 5 Please ask the professional person for help if the above questions are not solved

Notice:

- 1 Please ensure the SIM card has enough money, otherwise the mainframe cannot call the alarm phone if it's out of charge.
- 2 Make sure of your car is parked in the area that covered by GSM signal
- 3 Keep the password secret, if somebody knows it, please modify it.
- 4 In armed mode, the car key cannot open the door, the ignition key cannot start the engine, the system will alarm. If armed by mobile or phone, user must disarm it by mobile or phone. It is recommended to arm the system by transmitter in normal condition. In the case of getting the transmitters lost, you can arm the system by phone to avoid anybody entering your car with the lost transmitter.
- 5 The car must be remained in neutral position before remote starting it.(high importance)
- 6 It is dangerous to use remote cut off electronic and gasoline circuit function. The user must enter the call state and ask the driver to stop the car before using this function. The user can know about the car status through inquiry function.