

GPS +GSM Invisible Anti-theft Alarm

(MODEL: ST112)

USER MANUAL



Function Description of Vehicle Anti-theft Alarm (GPS + GSM + Message)

- 1 、 An real-time inquiry about the position of your car is made through SMS of mobile phone.
- 2 、 google map inquiry about the detailed position of your car can be made.
- 3 、 No monitor terminal and platform are required and it is free of service charge.
- 4 、 Automatic SMS and alarm type can be provided when your car alarms.
- 5 、 Car can be inspected and oil/power unlocking controlled through SMS.
- 6 、 A call can automatically be given to the car owner when the car is vibrated or started illegally.
- 7 、 In addition to audio monitoring and communication it can grasp the car situation.
- 8 、 It can through telephone unlock the card door remotely or in other place and lock the oil & power circuits to make the car incapable of being started.
- 9 、 Wire-cutting Prevention: It will call, send a short message to and give a voice prompt to the car owner about power failure.
- 1 0 、 With English voice prompt, it is easy to operate.
- 1 1 、 It can stop operation of your car remotely. Wherever you are, you can lock your car by pressing the button.
- 1 2 、 Equipped with GPS function, it can show you the position of your car wherever you are.

Product Name

"CHESHIBAO" GPS Invisible Anti-theft Alarm

Product Composition

1 mainframe, 1 anti-theft mainframe, 1 wireless relay for oil cut-off & power failure, 1 set of vibration transducer, 1 alarm speaker, 1 loudspeaker, 1 set of audio monitor, 1 set of mainframe power cords, 1 set of GSM antenna, 1 set of GPS receiving antenna

Model & Applicability

It is applicable to various vehicles.

Car alarm systems Operation

İ Button Safeguard

In the normal state: Brief press the İ button to start Safeguard in environmental protection mode and to lock the door.

Press the İ button for a while to start warning Safeguard.

In the driving state : Press the İ button to lock the door.

Đ Button Release

In warning state->Press Đ button to release warning state and to unlock.

In the driving state->press Đ button to on lock the door.

Anti robbing -> release the anti-robbing state.

In warning state ->Press the Đ for 3.5 seconds to auto-open the back door

 **Button Silence**->Brief press the  button to start to silent Safeguard, and to lock the door.

Press the  button for a while to start the warning Safeguard.

In the driving state->Press the  for 3 seconds to start Anti-robbing state.

Location Identity

In the normal state ->press the , then horn will keep for 2 seconds and the light will flash as to identify the location of The car. Press  for a while, then the horn will keep 30 seconds and the light will flash for saving.

Anti robbing(2)->Brief press the , then auto-delay into anti-robbing(2)

FUNCTIONS

1.Anti_wrong Alarm

Brief press the İ button, the horn sends out a sound of Bi, the light flash, in the same time lock the door and the engine. if it is shaken once, the horn only send out five sound of short Bi, indicate warning, the light flash meantime, if it is shaken once again ,then the horn send out uncontinuous alarm right now.

2.Frightening Robber Alarm

Press twice or keep pressing for a second on İ button, after a sound of Bi the light flash once, if the car is shaken, then the warning horn keeps beeps for 30 seconds, the engine is locked

3.Silence Alarm

Brief press the  button, the light flash once, the light will flash for 5 seconds after the first touch of the car ,if the car is touched off again, the flash time auto-delayed to 30seconds, the call of host will send Bi-Bi warning.

4.Environmental Alarm

Press twice or keep pressing for a second on  button, the light flash once. The light flash five seconds after the first touched off. if the car is touched off again, the horn keeps beeps for 15 seconds, indicate warning.

5.Emergency Alarm

In safeguard mode the door is open Or ACC is on ,if the footbrake is touched, the horn will keep

sharply for a long time, then turn off the power.

6.Release the Safeguard

In the safeguard, press the **⏻** button, there will be two warning beeps, the light will flash twice; In the silence Safeguard, press the **⏻** button, the light flash twice, then release the safeguard setting.

7.Auto-returning to the Safeguard (anti-wrwig release) The host may carelessly touch to release the safeguard, if the door is not opened after 45seconds, the system then view it as wrong release, auto return the safeguard state.

8.Auto-reminding to start the safeguard

After the car is stopped, the host close the door for 10 seconds, the system then send out Di-Di for three times to remind the host start the safeguard.

9.Auto-starting the safeguard

After the car is stopped, the host left for 1 minute, the system auto start the safeguard, the door is not locked to avoid unnecessary lose for the host.

10.Auto central control door lock

If pressing foot brake for 15 seconds after the car is started, central door lock will lock the door for your safety during the driving-when the car stops, the door will be opened automatically. During your driving you can press the **⏻** button to lock or press the **⏻** button to unlock the door.

11.Location identity with Sound and Light

Under any state, press the **📶** button , the warning beeps keep for 6 seconds, the light will flash.

12.Emergency asking for save

Under any state, press the **📶** button for 1.5 seconds, the warning beeps keep for 30 seconds, the lights flash. Press **⏻** button to stop it.

13.Anti-robbig

Once meet to desperate robber in the driving, host press the **📶** button for 3 seconds, the warning beeps keep for 30 seconds, light flash; 15 seconds later, the horn send out loud sound, the stop the car. Press **⏻** button to stop it.

14.Remind lug to close the door and start the safeguard

If the door is not properly locked ,after setting the safeguard, there will be there warning beeps to indicate the door is not properly locked.

15.Indicator to park on the roadside

Under the driving state, in order to ensure the safety of passengers, when opening the door, the lights on both side flash right away, to remind to the following car to take care.

16.Reminding the host

Under the safeguard state, the car has been touched off. once release the safeguard and open the door, the horn beeps, reminding the host to take care around.

Gps system Operation

1. Main unit connection

Install the main unit according to the Installation Diagram.

2. Install SIM Card

First, you have to purchase one GSM mobile phone card (SIM card), then screw out the four bolts at the back of the main unit, open the face covering of main unit, put the SIM

card in the SIM card slot, turn on the power supply (at "ON" position), and system will start to work within 5 -25 minutes. Finally put back four bolts into the main unit.

Note: this unit shall not support CDMA card.

3. Set up/ modify password, forget password

1) Set up and modify password

Password is used to identify and protect the authorized users. Users are suggested to change the password after finishing system installation so as to prevent illegal unauthorized operations. Users should operate under the following steps:

First, call the system telephone number by using any regular telephone or mobile, input 6-digit passwords (123456) provided by the factory, then, enter the "System set up" menu, follow the voice guide to enter "Modify password" menu to do the setup.

2) Forgetting password

User should remember the password. Should he/she forget the password, please follow the following steps:

3). Intentionally produce alarming;

4). Upon receiving the alarming, carry out the Modifying password function to reset password according to the voice guide.

5). After connecting system telephone, unplug the connector of the main unit, and press "#" to enter main operation menu automatically, then password could be reset again.

4, Set Up Normal Alarm Telephone Numbers:

1) The alarming telephone numbers are the numbers that the system automatically dials in alarm situation. Alarming numbers are classified into two groups: 3 ordinary alarming numbers and 3 emergency help alarming numbers. When the car alarms, main unit will automatically call the ordinary alarming number.

2) Use regular mobile phone to call the system telephone number, and then enter the alarming telephone number set up menu, set up your alarming number.

Call the system alarm number → Enter "main menu operation" → Enter "system set up" → Set up ordinary alarming number, if setting up 3 groups alarming number, operate it under the voice guide. If needing to set up one group alarming number only, simply input "#" for another two groups, and system will audio indicate "Modifying Successful".

5, Set up Emergency help alarming number

In case of emergency which related to personnel safety, car owner can lightly press emergency switch, and it will automatically call preset emergency alarming number, so it is suggested to set up the emergency number to be your family's or good friends'.

Call the system alarm number Enter "main menu operation" Enter
 → "system set up" Set up emergency alarming number, if setting up 3
 groups alarming number, operate it under the voice guide. If needing to set up one
 group alarming number only, simply input "#" for another two groups, and system
 will audio indicate "Modifying Successful".

6, Revision of SMs Telephone Number

The user can inquire about the car situation through its SMS or it will send a short message to the user when the car alarms. The user can input three groups of SM telephone numbers. Each group of number must have the country code before. For example: China's code: 0086. You should input 0086 * 139XXXXXXXXX when you enter the SM telephone number. For operation, same as above.

7. Trigging Alarm

1) Test Mode

Press the key of car finder on the remote, the car siren would beep for three minutes, and the system will automatically call the ordinary alarming number.

2) Alarm Call from the Mainframe

If the car door is opened or it gives an alarm call due to vibration, it will automatically dial the common telephone number and prompt "Car Alarm". It can also reply to the user through SMS to report the information on car vibration and car door's being opened, the current seat of car, code of base station, driving speed and direction (show the longitude, latitude, code of base station, driving speed and direction).

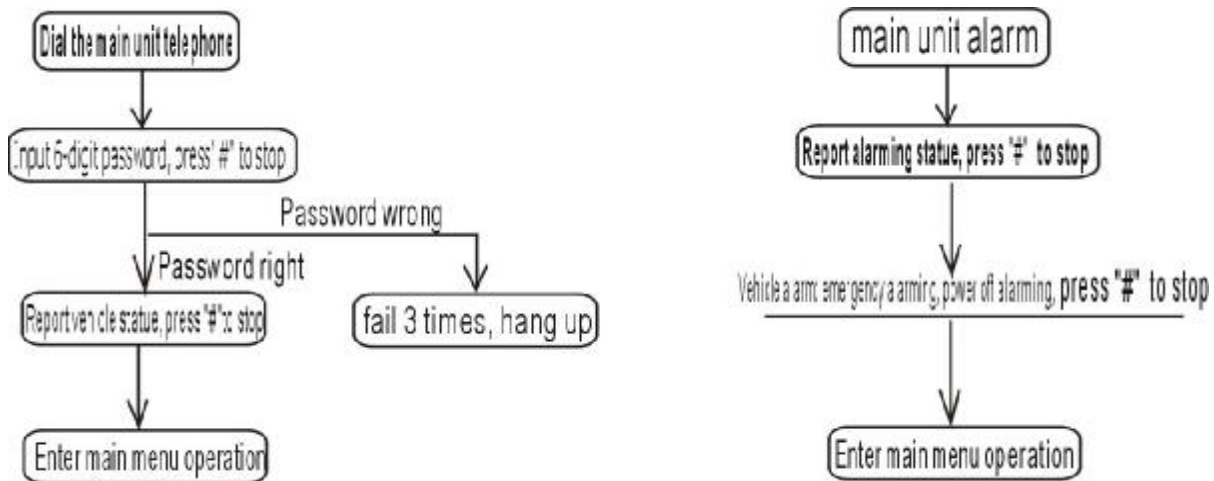
3) System alarm for power cut & wire-cut

On Arm statue, once the power line is cut or the vehicle system is power off, the main unit will call the alarm telephone with the voice warning "alarming telephone alarm" the current seat of car, code of base station, driving speed and direction (show the longitude, latitude, code of base station, driving speed and direction).

4) Emergency help alarm

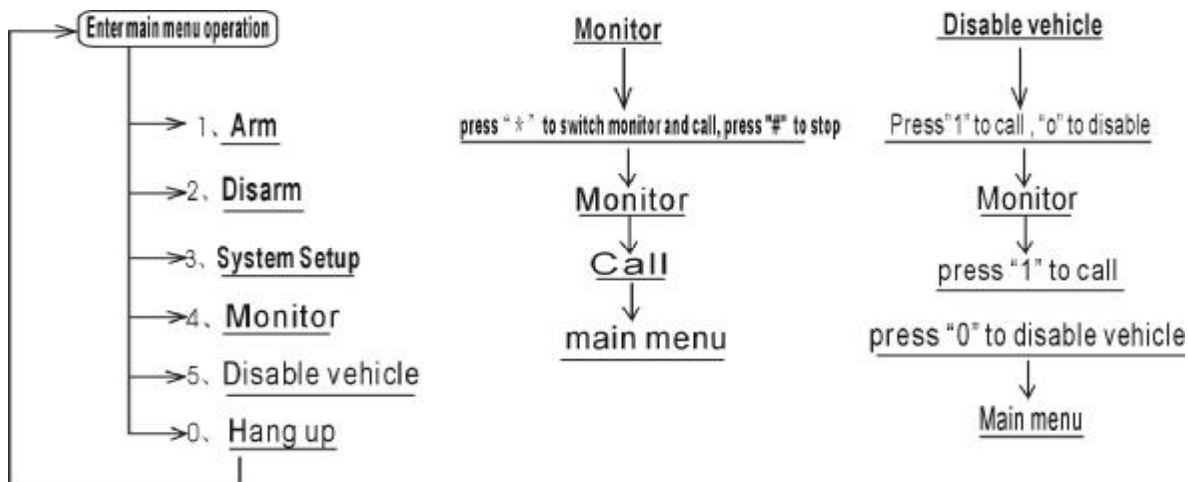
Once meet to desperate robber in the driving, host press the  button for 3 seconds, the warning beeps keep for 30 seconds, light flash; 15 seconds later, the horn send out loud sound, the stop the car

8. Telephone operation menu

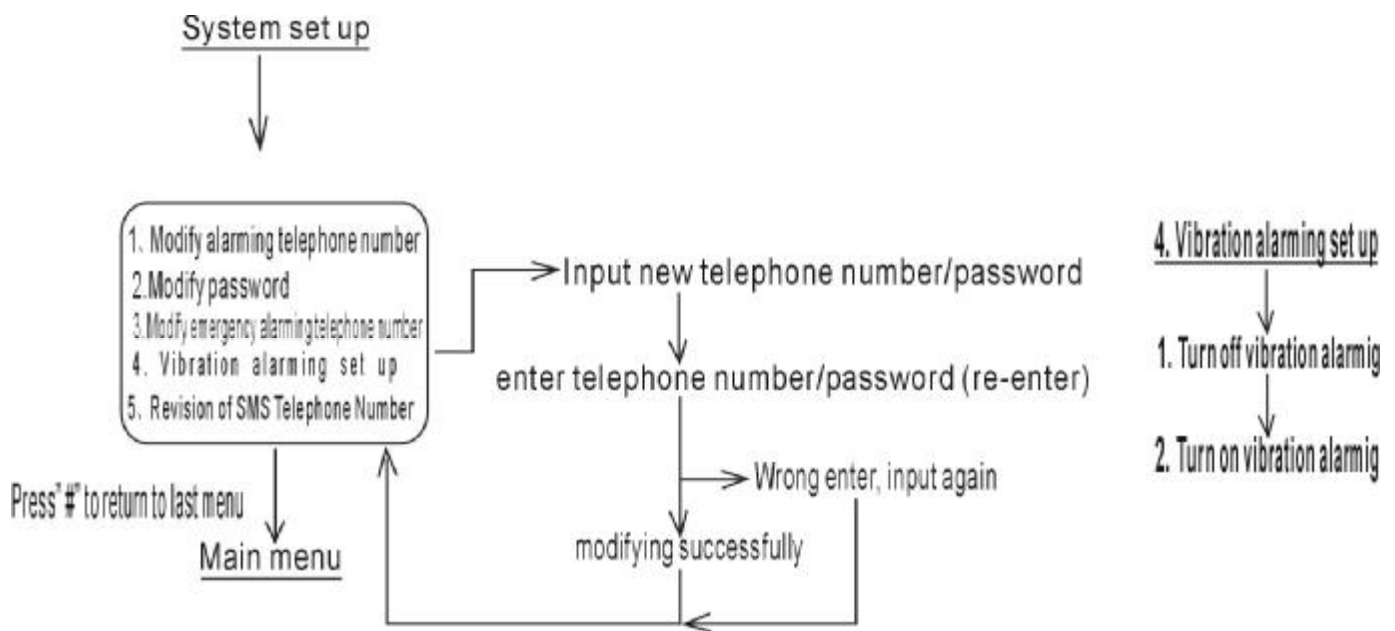


NOTES: User is not supposed to input any password when the call is from the car itself. After finished listening the alarming report, press “#” to enter main menu operation, and operate under the voice guide.

9. Main Menu Operation



10. System set up



Format of SMS Number: country coed + telephone number

0086 For example: China's code: 0086

Telephone number: 1381933XXXX

00861381933xxxx# Input: 0086 * 1381933XXXX#

Deletion of SMS Telephone Number:

After the inputted telephone number is prompted,
input "#". It will voice-prompt success of revision.

Installation

1. This system is easy to install, and the main unit is only needed to connect the power supply. Pay attention to the positive-negative bipolar of power line in which red is positive and black is negative (minus earth). Make sure the main unit is put on the hidden place of vehicle, and fix the siren and monitor firmly.

2. Try to put the gas supply cut/ power cut relay on the driving cab in case the high heat of engine affect its performance.
3. Wireless sensor and siren line of existing car alarm shall be butt jointed through red line to red line, black line to black line, and try to be way from high heat of engine.
4. Emergency panic switch shall cling to hidden place and easy to reach.

Maintenance

1. Please often check if the SIM card has the enough money, otherwise the main unit can not alarm if in short of money in it.
2. The battery of emergency panic switch should be inspected periodically and replaced when necessary to make sure enough electricity, otherwise the emergency panic switch can not alarm.
3. Fix the antenna of main unit firmly and put it on the area with good capability of receiving signal, otherwise, no signal or poor contact of antenna will make the system unable to alarm.
4. Keep the password secret. If other people knows it, please modify it immediately in case others enter the system illegally.
5. It is dangerous to use remote power/gas supply cut function. The user is suggested to enter the call state and threaten driver to stop, give sometime for driver to stop the vehicle, and know about the car status through monitor function and make sure there is no danger, then use "Disable vehicle" function.
6. In arm mode, the car key can not open the door, the ignition key can not start the engine, the system will sound alarm. If arm by mobile or phone, user must disarm it by mobile or phone. We suggest that user arm the system by remoter in normal condition. If lost remoter, you can arm the system by phone to avoid other person use the lost remoter.
7. If the main unit can not work normally, user can screw out the screw on bottomed hull of main unit, turn the power switch to "OFF" position, and check SIM card if in good contact, then turn the power switch to "ON" position to start the power supply.

Notice for Usage

1. Fix the GPS joint and make sure its bottom and surface for fear of influence on satellite signal.
2. Never use easily guessed password, such as 123456, 88888, etc.
3. When parking your car in a strange place, please check the alarm system or your mobile phone to ensure that the parking lot is covered by GSM signal. Change the parking lot otherwise.

4. GSM communication sometimes may be in a single-way or no communication state. When receiving the signal from the car, user can figure out that there is alarm condition even if he/she can't hear the sound.
5. User should make sure that he/she does not fail to pay the telephone fee, lest the GSM communication service could be stopped, thus causing the alarming system to lose its functions.
6. Don't tell the system telephone number or password to anyone else.
7. Please make sure the 12V power is well-connected first, and then switch on the mainframe, otherwise it will call outside because it admits the power is off.
8. Insert the SIM card in the mobile first and then fix it in the alarm after whether the SMS is normal is tested.
9. Where no entry into the system happens, please solve it after turning off electricity and restarting it.

Instruction Operation

NO:	Instruction	Description	Information Response
1	arm	armed	Car is Armed X:xxxx.xxxxN (Latitude) Y:xxxxx.xxxxE (Longitude) D xxx.x N (Direction) KMxxx.x (Speed)
2	disarm	disarmed	Car is Disarmed X:xxxx.xxxxN (Latitude) Y:xxxxx.xxxxE (Longitude) D xxx.x N (Direction) KMxxx.x (Speed)
3	stop	Disable vehicle	Car is Stopped X:xxxx.xxxxN (Latitude) Y:xxxxx.xxxxE (Longitude) D xxx.x N (Direction) KMxxx.x (Speed)
4	Check or find	Inquiry/Positioning	Car is Armed X:xxxx.xxxxN (Latitude) Y:xxxxx.xxxxE (Longitude) D xxx.x N (Direction) KMxxx.x (Speed)

Note: When it doesn't receive the GPS signal, it will prompt "not GPS signal" and automatically change to FGSM base station. Code: x, xxx, xxx

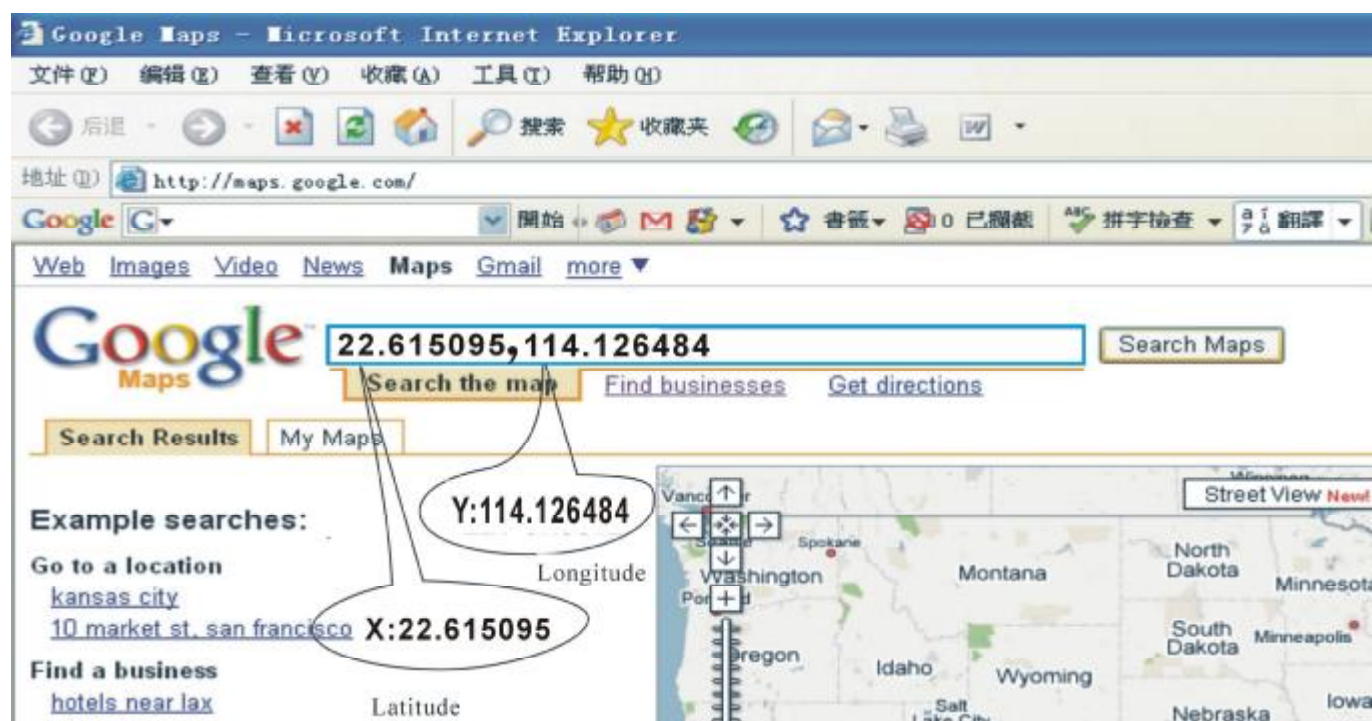
NO:	Instruction	Description
		Car Door is opened X:xxxx.xxxxN (Latitude) Y:xxxxx.xxxxE (Longitude)

1	door open warning	D xxx.x N (Direction) KMxxx.x (Speed)
2	Vibration warning	car is vibrated X:xxxx.xxxxN (Latitude) Y:xxxxx.xxxxE (Longitude) D xxx.x N (Direction) KMxxx.x (Speed)
3	Emergency alarming	Emergency Help X:xxxx.xxxxN (Latitude) Y:xxxxx.xxxxE (Longitude) D xxx.x N (Direction) KMxxx.x (Speed)
4	power off alarming	Power Supply Failed X:xxxx.xxxxN (Latitude) Y:xxxxx.xxxxE (Longitude) D xxx.x N (Direction) KMxxx.x (Speed)

Methods for Independent Position Inquiry in English Network

1. Inquiry through google maps

After you open the web page, directly input :http://maps.google.com/ at the address column to enter the map homepage.



2. Inquiry through google earth

<http://earth.google.com/>

Please download a google software at the website: <http://earth.google.com/>.

Open the google earth software and input the latitude and longitude as shown in the follow chart:

