



## USER MANUAL

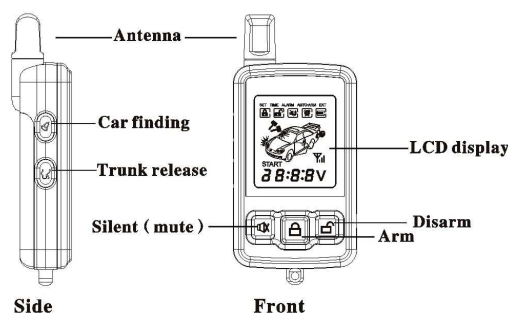
### TWO-WAY CAR ALARM SYSTEM

It is recommended that before installation please read this user manual carefully. And keep it for future reference!

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## Function illumination



Side

Front

### ④ Arm

Press the button ④ on the transmitter once to lock the door and arm the system with sound and flash.

Press the button ④ once again to set car finding status (microwave sensor is working).

It can be shifted between two arming modes by pressing the button ④ repeatedly.

Press the button ④ to lock the door during driving.

### ⑤ Disarm

Press the button ⑤ once to disarm the system, then central door locking system unlock.

Press the button ⑤ during driving will cause door unlock.

### ⑥ Silent(mute)arm

Press the button ⑥ once to lock the door in silent arm status.

Press the button ⑥ once again, the microwave sensor will work in silent arm status.

It can be shifted between two arming modes by pressing the button ⑥ repeatedly.

Press the button ⑥ for at least 3 seconds to start the engine.

Press the button ⑥ for 2 seconds or more during driving to set anti-Hijacking.

### ④+⑥ Trunk release

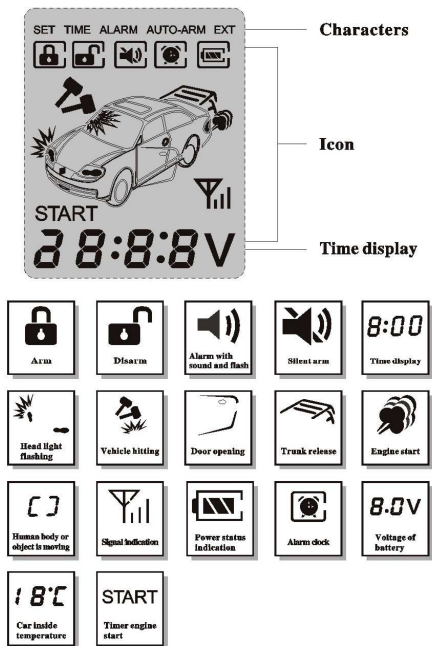
Press the buttons ④+⑥ at the same time for 1 second or more to release trunk.

### ⑦ Car finding

Press the button ⑦ once to set car finding with sound and flash.


Keep pressing the button ⑦ to set car finding with flash only.

## Icon illumination displayed in LCD




## Transmitter power on/off setting

### Transmitter power on

Press the button  on the transmitter for 2's. Then release the button, icon on the display will self-test one by one. Transmitter will vibrated twice, and the background light will be turn on.

### Transmitter power off

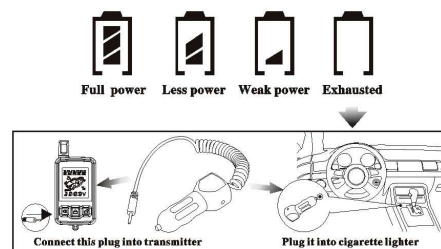
Press the button  on the transmitter for 7's until a voice "Do" is emitted, then release the button.

### Note

Before using, please switch on the transmitter.

## Power status indication

When battery power is weak, press any button on transmitter will emit a sound to remind power recharge. Then it should be recharged in time. The power status indication as shown in the figures below.






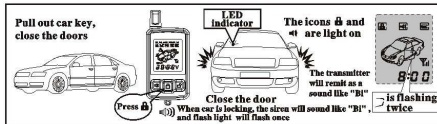
## Reminding




- ♥ The transmitter will turn off automatically when it is run out of power.
- ♥ It will take approximate 1.5 h for full power recharge.
- ♥ It can be recharged interval.

## Basic Function

### Sound/flash arm




When parking, take car key off, close all doors, then press the button  once to lock the door, the LED indicator will flash, the flash light will gleam once, the siren will chirp once. The transmitter then emits a sound "Bi", and the icons  and  are light on, side door icon is flashing twice, and background light turns green.

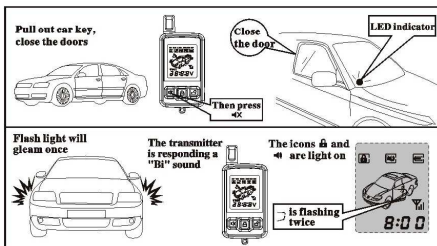





Press the button  again, shock sensor and microwave sensor are working. In this mode, the LED will flash, the flash light will gleam once, the siren will emit a sound like "Bi". Then a music sound will emit from the transmitter, and the icons  and  are light on, side door icon is flashing twice, and background light turns green.

**Note** Only microwave sensor is fitted, this function can be used.

### Silent arm setting

When parking, take car key off, close all doors, press the button  once to lock the door, the LED indicator will flash, the flash light will gleam once, the siren doesn't chirp, then it is in silent arm status. Shock sensor is working in this mode. Then a music sound "Bi-Bi" will emit from the transmitter, and the icon  and  are light on, side door icon is flashing twice, and background light turns green.





Press the button  again, shock sensor and microwave sensor are working. In this mode, the LED indicator is flashing, the flash light will gleam once, the siren doesn't chirp. Then a music sound will emit from the transmitter, and the icons  and  are light on, background light turns green, side door icon will gleam twice.

**Note**



Only microwave sensor is fitted, this function can be used.

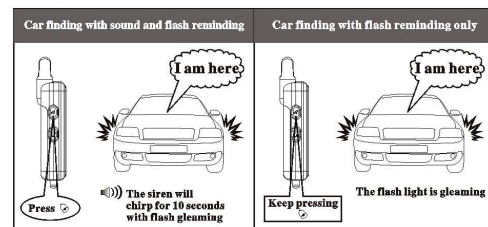
### Disarm

In arm status, press the button  once to unlock the door, the flash light will gleam twice, the siren will "Du-Du". Then the transmitter will emit a sound like "Bi-Bi". Side door icon on the transmitter will flash twice, then light on for 5 seconds. The icon  on the transmitter will light on. Background light turns yellow.

In silent arm, the siren will not chirp, others will be the same as sound and flash arm setting.

### Car finding



The car owner unknown the parking place when he wants to find the car, press the button  on the transmitter once, the siren will chirp for 10 seconds with flash light gleaming, press the button  on the transmitter for 2 seconds or more, the flash light will gleam for 10 seconds without siren chirping to remind the car owner.

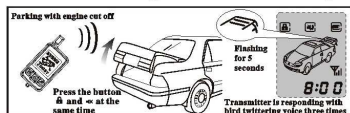


### Reminding



♥ Press any button to pause car finding mode.

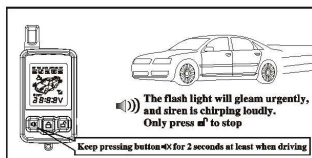
### Trunk release

When engine is cut off, press the button  and  for 1 second or more to release trunk (A trunk release motor is fitted for this function). Three sounds will emit from the transmitter, trunk release icon will gleam for 5 seconds. Background light turns green to remind of releasing the trunk successfully.



### Anti-hijacking

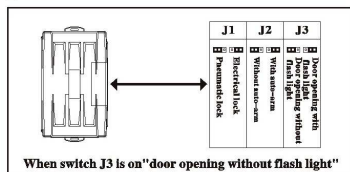
When driving, press the button  for 2 seconds or more to set anti-hijacking, the flash light will gleam urgently, the siren will chirp loudly, the flash light will gleam, after 20 seconds then the engine of vehicle will cut off automatically. Only press the button  to pause this function.



### Door opening flashing (optional)

If switch J3 to "Door opening without flash light", then the flash light will not gleam when car door opening.

If switch J3 to "Door opening with flash light", then the flash light will gleam when car door opening to remind other coming and going cars.



#### Reminding

♥ Factory setting is "Door opening with flash light" .

## Alarm function

This system will return to original arm mode if it was triggered and finished alarming.





### Microwave sensor (optional)

In arm, if somebody or object is moving around and is detected by microwave sensor for 5 seconds, the siren will chirp 5 times, the engine will be cut off and the flash lights will gleam. The transmitter will remit a sound like "Bi" for 5 times with vibration for one time to remind the car owner. The icon of headlight and "[]" will be on. The background light turns green.



If it is detected for 15 seconds by microwave sensor, then the engine will be cut off, the flash lights will gleam, the siren will chirp loudly for 30 seconds to remind and warn the car owner. The transmitter will remit a sound like "Bi - Bi - Bi" for 30 seconds, the icon of headlight and "[]" will light on, the background light is on yellow, and the transmitter vibrates for 8 times.

In silent arm status, the siren will not chirp when the system is triggered.

In disarm status, press the button  or  once, to set arm mode without microwave sensor working, press the button  or  twice, to set arm mode with working of microwave sensor.

#### Note

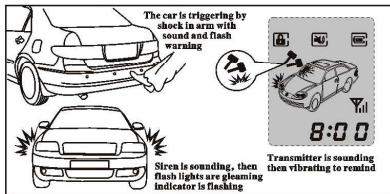
If parking under raining outside, then the raining will be detected by microwave sensor and cause it to alarm. In this case, the microwave sensor should be shut down by transmitter to avoid false alarm.

### Shock sensor

In arm with sound and flash status, if it is triggered by hit in the first time, the siren will chirp 5 times, and the engine will be locked. The flash lights will gleam at the same time. Then transmitter will make sound like "Bi" for 5 times with vibration for one time to remind and warn the car owner, and the shocking figure and flash lights icon on the transmitter will light on at the same time. The background light turns green. If it is triggered again by hit within 15 seconds, then the siren will chirp loudly for 30



seconds with flash lights gleaming. The transmitter will make a sound like "Bi-Bi-Bi" for 30 seconds, then vibrate for 8 times. The background light is on yellow.



In silent arm status, the siren will not chirp if it is triggered.

#### LED indicator

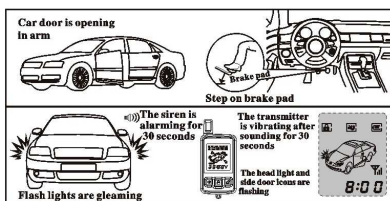
In arm status, the LED will flash twice with interval of 2 seconds to remind and warn that the car is in arm status.

If the alarm system is triggered by hit, the LED will flash continuously during alarming. To remind the car owner that it was triggered, the LED will flash 4 times continuously with interval of 2 seconds until disarmed and turned ACC to ON position. If the alarm system is triggered by door opened, ACC ON, brake pad, the LED will keep flashing until disarmed and turned ACC to ON position.



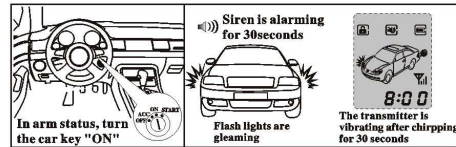
#### Door intruding alarming

In arm status, if car door is opened or foot brake pad is pressed, it will trigger system to alarm, the siren chirping for 30 seconds while flash lights gleaming. The car is immobilized in this situation. To remind and warn the owner, the remote control will make sound like "Bi-Bi-Bi" for 30 seconds then vibrate for 8 times. In the mean time, the side door and head light icon in the transmitter will blink. The background light is on yellow.



#### ACC ON triggered

In arm status, if ACC ON triggered, the siren of system will chirp for 30 seconds, the flash light will gleam at the same time. The car is immobilized in this situation. To remind and warn the owner, the transmitter will make sound like "Bi-Bi-Bi" for 30 seconds, and vibrate for 8 Times. Then the alarm system will come back to the same status before alarming.





#### Emergency alarm

In arm status, any triggering such as Door opened, ACC ON, footbrake pad, will activate siren to chirp for 30 seconds while the flash lights will gleam. The car is immobilized in this situation. To remind and warn the owner, the transmitter will make sound like "Bi-Bi-Bi" for 30 seconds then vibrate for 8 times. In the mean time, the door icon and head light icon in the transmitter will blink. The alarm system then will reset itself. (The background light turn red and yellow which means level arm status.)

#### Note

The engine will be cut off for 40 seconds when it is alarming by any triggering. Then the alarm system will go back into arm status automatically. In case it is triggered again, it will alarm again. In arm status, if it is detected that it is triggered for sometime continuously, the system will alarm for 4 minutes.

### Siren pause

If the system is triggered to alarm, press the button  or  to halt alarm. The alarm system will reset itself. It's available to pause 2 transmitters at the same time.

### Emergency disarm

In case of the transmitter is lost or damaged, just open any doors by a car key (the alarm is triggered, the siren chirps & the flash lights gleams) then press the footbrake and turn the ACC "Off/On" 10 times and leave key at "On" position for 2 seconds to disarm.

### Triggering memory

In arm status, if the system is triggered to alarm, the triggering information would be recorded to remind car owner to check the car.










A. Alarm triggered by hit, to remind the car owner, the siren will sound like "Du-Du" twice (it will not sound if it is in silent arm setting), the LED indicator gleam will flash for 4 times continuously with interval of 2 seconds until ACC is on.

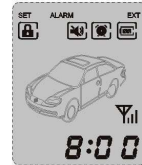
B. Alarm triggered by door opened, ACC, brake pad, to remind the car owner, the siren will sound "Du" for 4 times (it will not sound if it is in silent arm setting), the LED indicator will gleam continuously until ACC is on.

When it is disarmed, if the car owner opens the car, the triggering memory will remind the car owner that the alarm system was triggered. If ACC ON, it will delete all triggering memory. When it is disarmed without ACC ON, open the car door two times, it will trigger to alarm. And then deleted, but the LED indicator can't disarm.

## Accessory function


### Time & Alarm clock & start setting

Press the button  and  at the same time for 1 second to time setting mode, the transmitter will sound once and the icon  will gleam. Press the button  will switch settings (Times / minute, time / hour, alarm clock / minute, alarm clock / hour, and exit) circularly. Press the button  to adjust the setting data, then press the button  for next setting adjustment. Press the buttons  and  at the same time to save setting and exit the setting mode. Press the  to exit without saving mode.





### Data setting



Time: hour and minute setting

Alarm clock: alarm ON/OFF, hour/minute setting. When it is alarming, clock icon will blink with green background light. Start: time to start-up ON/OFF, hour/minute setting. When it's the time to start up the vehical which was set before, the engine will be on by itself, the icon  in the display will gleam and the background light turns green.

Auto-arm: the brain unit arms automatically.

Exit: press the button  and  at the same time, then save and exit the setting mode. The transmitter will emit a sound to remind and then back to standby mode and time display.

### Background light of transmitter

Press the button  and  at the same time for time viewing at night.



The background light will turn green in arm setting, and it will turn yellow in disarm setting.


The background light will turn green if it is alarmed by shock and microwave sensing. If it is triggered again in 15 seconds later, it will turn yellow.

The yellow and green lights in the background will turn on at the same time if the alarm system is triggered by door, footpad. The yellow and green light in the background will turn on alternately if the alarm system is triggered by ACC ON.

### Arm reminding and auto-arm (switch optional)

There is a Jumper (J4) on the brain unit for auto-arm. When car engine is cut off without arming, the system will alarm with sound emitting from siren to remind, the flash lights gleam for 3 times.

If the system is triggered by hit when the engine is cut off and door closed within 10 seconds, the system will remind arming. The system will emit sound like "Bi - Bi" for 3 times with vibration for 8 times if the car parked without arming. And the icon  and  on the transmitter gleams alternately, the background light turns green. to remind arming.

The alarm system will auto - arm by itself in silent mode if parking without arming in 1 minute. The transmitter will make sound with vibration to remind arming. And icons  and AUTO -ARM will light on .

If this function is switch off, the system will not go into auto-arm mode by itself, only reminding the car owner of arming the car.



#### Reminding

♥ The default setting is on "with auto-locking" .


### Central door locking automation





Driving for 15 seconds then pressing the footbrake, the central door locking system will lock automatically, while the central door locking system will unlock automatically after engine cut off.

If car door is locked improperly and 15 seconds later when driving, the system will remind the driver with a sound "Du" for 3 times and flash lights will gleam once.

When driving, press the button  on the transmitter to lock car door, press the button  to unlock.

### Remote engine start

In arm status, press the button  for at least 3 seconds to start the engine. A beep sound emits from the remote for reminding, with blinking of icon "START", means the engine is started successful. It should be operated in neutral position and hold on the brake.

- A. Once the engine has been started, the air conditioning would be started in 15 seconds later, the transmitter will emit a reminding sound with interval of 2 minutes, then icon  remains gleaming, siren chirps 3 times and vibrates once, then repeat again. Press the icon  to upgrade the temperature display, then back to time display in 3 seconds.
- B. Once the engine has been start, the car will be warming-up for 12 minutes, then it will rearm to the previous status. Press the button  for at least 3 seconds will turn off the engine and return to previous arm status. A beep sound emits from the remote for reminding.
- C. When car is warming up, press the button  to unlock for driving and turn the car key to ACC ON within 30 seconds, otherwise it would return to previous arm status.
- D. In case it is fail to start the engine, the system will return to previous arm status.

#### Note



This function would not allow to be activated if the hand brake handle is not held on and it should be operated in neutral position. To remind the user, the siren will sound for 3 times and the flash lights will flash for the 3 times. Then it will rearm.


The company will not responsible for any accident if the car is not operated in neutral position.


### Timer engine start

In arm status, when the setting time elapsed, the engine would be started automatically. In the mean time, the icon "START" will be blinking, and a beep sound will remit from the remote to reminding. Please be sure that it should be operated in neutral



position and the hand brake is held on. Once the engine has been started, the air conditioning will be turned on in 15 seconds later, the transmitter will emit a reminding sound with interval of 2 minutes, the icon  remains blinking "START" figure lights on and maintains, siren chirps 3 times and vibrates once, then repeat again. Press the icon  to upgrade the temperature display, then back to time display in 3 minutes.

Once the engine has been started, car will be warming-up for 12 minutes, then it will rearm to the previous status. Press the button  for at least 3 seconds will cut off the engine and return to previous arm status. A beep sound will emit from the remote for reminding.

When the car is warming up, press the button  to unlock for driving and turn the car key to ACC ON within 30 seconds, otherwise it would return to previous arm status.

In case it is fail to start the engine, the system will return to previous arm status.

#### Note

This function would not allow to be activated if the hand brake handle is not held on, and it should be operated in neutral position. To remind the user, the siren will sound for 3 times and the flash lights will flash for the 3 times. Then it will rearm.

The company will not responsible for any accident if the car is not operated in neutral position.


#### Testing for car inside temperature and voltage

Press any key on the remote to display the voltage and temperature inside, then return to the time display status.

#### Note

The temperature may differ according to the different location of temperature sensor.

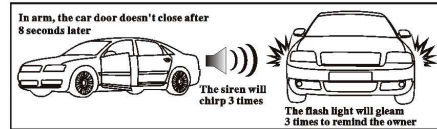
#### Arm responding automation (anti – false disarm)

In arm status, press button  to disarm, if the car door is not opened within 25 seconds, the system will auto rearm by itself as it regard it as false disarm. It will respond to transmitter to remind the car owner.

#### Door locking reminding

In arm status, if any door is improperly locked, after 10 seconds, the siren will chirp and flash light gleam for 3 times respectively

to remind, the transmitter will emit a sound of "Bi-Bi-Bi" and vibrate for 3 times respectively. Meanwhile, the icon of side door in the transmitter blinks, the background light turns green. In this case, pls disarm and lock the door, then reset arm.



After 15 seconds, if the door is still improperly locked, the siren will chirp, flash light gleams, the icons headlight and side door flash for around 30 seconds, the background light turns yellow, the transmitter emits "Bi-Bi" for about 30 seconds and vibrates 8 times. If the door is improperly locked after a cycle of flash/sound arm, the arm maintains until disarming or locking the door or 4 minutes later. (The others triggers are working for arming.)

#### Sensing reminding

If transmitter can not receive any signal from the sensor in brain unit, it will be indicated in the display of transmitter.

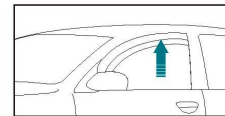


#### Power off memory



In case the security system is powered off, the setting status will be restorable after power on.



#### Window roll up automation

The system will close car windows automatically in arm mode status. (Only fitted with window roll up module)



### Electrical / pneumatic central locking (optional)

There is a switch (J1) on the brain unit. Shift it to the "electrical lock" position, then press the button  or  to lock or unlock. (fitted with electrical lock.)



Shift it to the "pneumatic lock" position, then press the button  or  to lock or unlock (fitted with pneumatic lock).


#### Reminding

♥ The default setting is electrical locking.

### Valet mode

Activate this mode when parking for car washing.

Switch ACC to ON position, press the button  for 3 seconds, the LED indicator will keep light on, then press button  for 1 time, a "Bi" sound from siren remind that it has been activated. In the mode, only central locking and trunk release are functioned for the transmitter.

Switch ACC to ON position, then press the button  for 2 seconds to exit maintenance mode.

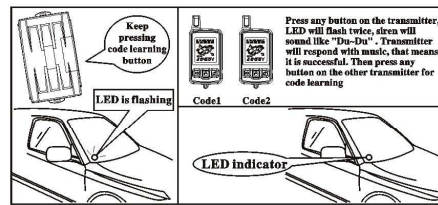
### Music audible reminding

If no action by transmitter, it will remind the operator with music.

That means the transmitter is trying to connect the brain unit by wireless radio.

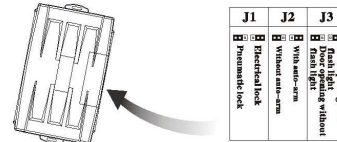
### Code learning

Keep pressing the code learning button, LED indicator will light on. Then press any button on the transmitter, LED will flash twice, then siren will sound twice. The transmitter will response with music, code learning is successful. Press any button on the other transmitter in 8 seconds, the LED will flash four time, the siren will sound for 4 times. The transmitter will response with music, code learning for the other transmitter is successful.



### Function choosing on the brain unit

(Default setting is marked with "✓")



J1	J2	J3
<input checked="" type="checkbox"/> Pneumatic lock	<input checked="" type="checkbox"/> With auto-arm	<input checked="" type="checkbox"/> Door opening with flash light
<input type="checkbox"/> Electrical lock	<input type="checkbox"/> Without auto-arm	<input type="checkbox"/> Door opening without flash light

J1Pneumatic / electrical switch	<input checked="" type="checkbox"/> Electrical locking (✓)	<input type="checkbox"/> Pneumatic locking
J2Auto-arm	<input checked="" type="checkbox"/> With auto-arm (✓)	<input type="checkbox"/> Without auto-arm
J3Flash light for door opening	<input checked="" type="checkbox"/> Door opening with flash light (✓)	<input type="checkbox"/> Door opening without flash light

## Technical data

Working frequency: 433-434MHz

Modulated way: FSK

#### Brain unit:

- ◆ Working voltage: 12V ± 3V
- ◆ Static current: ≤10mA (with shock sensor)
- ◆ Siren volume: 110-125dB

#### Remote control:

- ◆ Working voltage: 1.1-1.6V
- ◆ Static current: ≤150uA

## Trouble shooting

1. The siren will keep chirping after finished installation.

Solution:

- ★ Check the wire connection.
- ★ Check if the fuse of brain unit is burn up.
- ★ Check if the codes between transmitter and brain unit are matching. If not, it needs code learning to solve this problem.

2. After disarm, if open the car door without gleaming of Flash lights. Or open the car door by force without alarm under arm status.

Solution:

- ★ Check if the installation of sensing wire in car door is correct.
- ★ Check if sensing switch in car door is cut off or loosen.

3. In arm mode with sound and flashing alarm, the system will be triggered by slightly touch. Or it will be triggered to alarm when a heavy truck passing by the parking car with arm.

Solution:

- ★ Adjust the sensitivity of shock sensor to lower level. Or else, change the shock sensor with another brand new one.

4. The alarm system can be set by transmitter, whereas the central locking is unable to be set by transmitter.

Solution:

- ★ Check if the wire of central door locking is cut off or short circuit.
- ★ Check if the fuse inside the wire of central door locking is broken down.
- ★ Please refer to the installation instruction of central locking carefully.

5. The central locking system (fitted with pneumatic lock) is unable to work by transmitter when the car is armed or disarm by transmitter.

Solution:

- ★ Check if locking switch is on pneumatic locking position.
- ★ Check if wire of central locking is connected properly.

6. The siren is unable to work if it is triggered.

Solution:

- ★ Check if it is in silent arm mode.
- ★ Check the connection between brain unit and siren.



7. After arm setting is complete, the siren will sound loudly within 10 seconds. It will happen again even repeat arm setting.

Solution:

- ★ Check if shock sensor is working properly. And check the sensitivity of shock sensor.
- ★ Check if the connection of detecting wire between door and brake pad is correct.

8. The microwave sensor is unable to work in arm mode.

Solution:

- ★ Check if the button  or  is pressed twice in disarm mode. The microwave sensor is not work if one of the buttons is pressed for one time.

9. Weak control, or it is controlled only in short range.

Solution:

- ★ Check if the brain unit is installed in a properly place (refer to the installation instruction in user manual).
- ★ Check the connection between the socket in the brain unit and the plug of antenna.
- ★ Check if there are high buildings or radio transmitter around. High frequency electromagnetic wave may affect the covering range of remote control.
- ★ Check the power of battery. Low power may result in weak control. Please recharge it in time.

## Important notice

This system is working through wireless radio to monitor car status. High building, severe weather may affect radio transmission.

Before installation, please do check the vehicle fitted with central lock is pneumatic locking or electrical locking, then set the correct position of jump wire in the brain unit (default setting is in electrical locking position). A skillful technician is recommended for installation.

Do not dip the transmitter into water or drop it on the ground as it is electronic components inside.

This security system is only functioning as warning, frightening theft and make it more difficult for stealing. The owner should keep caution for anytime even if this system can remind owner.

This manual contains all useful information for user's reference. It is recommended that before installation please read this user manual carefully.

## Notes for transmitter

Do not knock or drop the transmitter heavily. Do not place it on the damp environment. Do not open and modify components inside to avoid any accident may occur.

Do not use this transmitter on a flying plane to avoid disturbing.

The covering range of transmitter may be affected by high frequency electric wave, high temperature above 60 centigrade or below 20 centigrade.

It should be recharged in time if weak power of battery.

## Warrantee card

### Warrantee Card

The quality of this product was strictly controlled before out of factory, which ensures its advanced performance under normal utilization. To protect consumer's right and keep our company's reputation, we guarantee that if any failure happened due to production and bad quality of component which is excluding any human damage, it will be repaired free of charge within one year from the date when you buy this product.

Vehicle No.:

Product No.:

Production date:

Purchased date:

Remarks:

Confirmed and sealed by dealer

