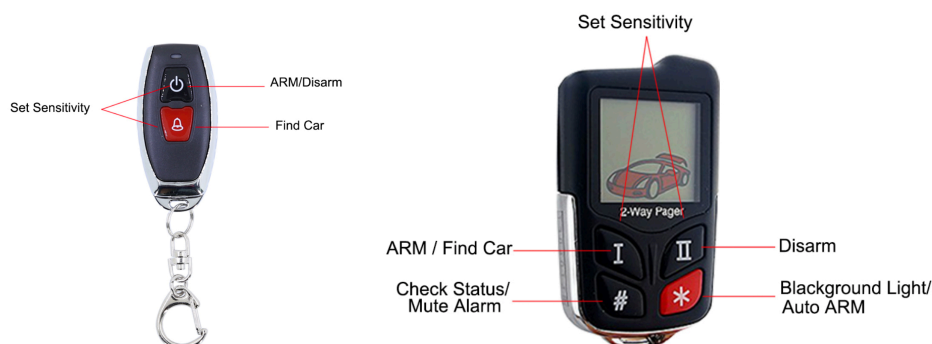


2-Way Car Alarm System

I. Package List

- 1* Siren
- 1* Antenna
- 1* Car Adaptor Air Sensor
- 1* 1-Way Remote Control
- 1* 2-Way Remote Control

II. Install



a. Siren

Step 1: Open the engine cover, find a suitable location (the steel housing should be more than 2.5mm), clean the location of the steel housing.

Step 2: Attach the magnet siren onto the clean steel housing.



Step 3: connect the red cable to engine battery +, and connect the black cable to engine battery -, and sort out the left cables.



Attention: let the siren face to down to avoid the water will be in the siren; keep the siren some distance from the car engine to avoid terrible high temperature.

b. Antenna

Step 1: install the antenna on the back side of the review mirror. Before install, make sure the review mirror back side is clean enough, paste it very much, to avoid the antenna fall off. Then pass the antenna cable lead through the edge of the windshield through the inside of the A-pillar trim.



Stay on a horizontal line

Step 2: After the antenna is introduced into the engine compartment of the vehicle, connect it to the female antenna of the siren, and wrap the connection with electrical tape after the docking. Then straighten the antenna and keep it away from the grounding metal inside the car engine, so that the receiving distance will be more far.



c. Car Adaptor Air Sensor

Step 1: Switch the button to “on”.

Step 2: Plug the car adaptor into cigarette lighter. When the car ACC is on, the air sensor will be charged. It will be full charged after 3 hours. Once full charged, it can last for 5 - 10 days.

Attention: After being fully charged, the air sensor can be placed in a relatively hidden place in the car. However, a position where the air can be relatively circulated is required once the car door or car trunk are open, it can detect and alert to siren.

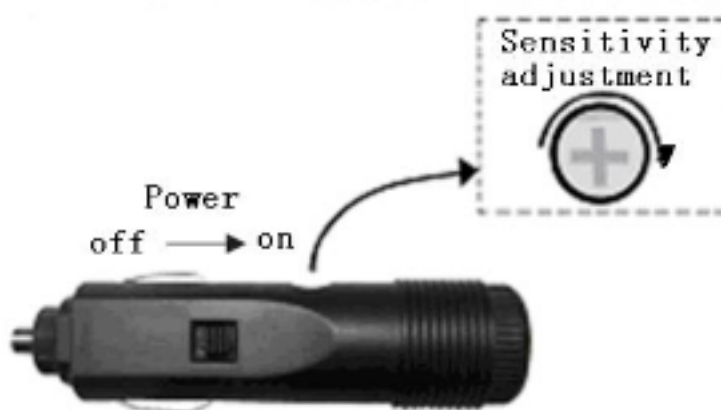


figure1

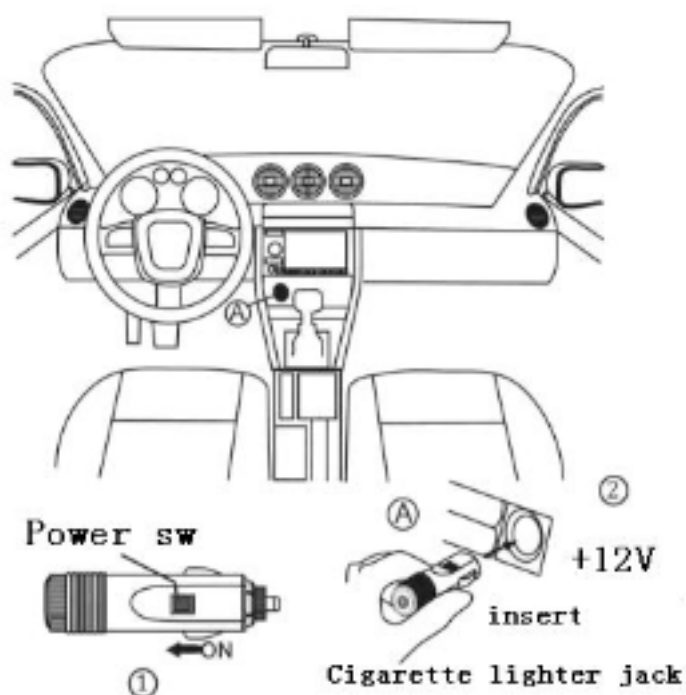







figure2

III. Functions & Usage

A. 1-Way Remote Control

Transmitter Button (Remote)	System Function	Remark
	Arm/Disarm	Switch between arm and disarm.
 (2s)	Find car	Press it and hold for 2 seconds. Remark: only works under arm status.
 + 	Set vibration sensitivity	From level 1 to Level 8 in turn. Only work when set arm or disarm within 8 seconds.

① Button  means “arm / disarm”.

- a. When system is under DISARM: press the button, it will 1 beep and be arm. After 6 seconds, the vibration and air pressure are detected, and after 35 seconds, the voltage drop is detected.
- b. When system is under ARM: press the button, it will 2 beep and disarm. If the car has been touched, the corresponding number of times the buzzes according to the last trigger state as follow: if it is triggered by a small vibration, the horn will beep 4 times; if it is triggered by a large vibration, the horn will beep 5 times; if it is triggered by air pressure, The horn makes 6 beeps; if it is triggered by a voltage drop, the horn makes 7 beeps.
- c. On the arm status, if illegal open door or trunk, when vibration and crash also will trigger the alarm, siren would sound 3 times and 30seconds to proceeding alarm; if it is small vibration trigger, siren sound 5 times; when siren alarming, press  once, will stop the alarm, but still on the alarm status; if press again, it will disarm the alarm status.




Attention: Before arm the system, pls close the door and trunk, and then arm the system. Although the car adaptor air sensor is installed in a hidden position, if the door or the trunk is opened illegally, it can detect and trigger an alarm.

② Button  means “finding car”.

Under arm: press the button and hold for 2 seconds, siren will alarm for 30 seconds to find the car.

③ choose vibration trigger and low voltage trigger

a. Within 8 seconds after setting alarm, at the same time press


 and  once, siren would sound 7 times, indicate enter choose trigger mode. And then, press  once, siren sound, the number of times for the siren sound means the previous choose, there are total 4 type modes, for example siren sound once, indicate choose mode, specific as below:

Mode 1(sound once): allow vibration trigger(default)

Mode 2(sound twice): allow low voltage trigger

Mode 3(sound three times): allow vibration trigger and low voltage trigger.

Mode 4(sound four times): forbid vibration and low voltage trigger



b. After choose the mode you need, press  once to confirm choice and exit that mode at the same time.


c. Default set on mode 1, vibration trigger function open, forbid low voltage trigger function.


note: when choose trigger mode, within 20seconds did not press any button, system will exit that mode, siren long sound 1 time, return to alarm status and automatic reserve the previous choice.

④ vibration sensitivity degree setting (when the vibration trigger be allowed, the setting is useful)

a. Within 8 second after disarm the alarm, at the same time

press  and  once, main unit siren sound 5 times, indicate system enter adjust vibration sensitivity degree mode.




b. Press , adjust vibration sensitivity degree, there are total 8 degrees circulation. press once, vibration degree add 1 degree (when reach eighth degree, press once, it will return to first degree), siren according previous vibration sensitivity degree sound corresponding times. For example, siren sound once, indicate at the first degree, siren sound tow times, indicate at the second degree and so on, vibration sensor getting more sensitive.






c. After you choose the sensitivity you need, press  once, confirm choose degree and exit that mode.

d. Default setting, vibration sensitivity setting at second degree.


note: when at adjust vibration sensitivity mode, within 20seconds did not press any button, system will exit that mode, siren long sound 1 time, return to alarm status and automatic reserve the previous choice.



B.2-Way Remote Control


Transmitter Button (Remote)	System Function	Remark
	Arm	Siren alarm once
 2s	Find car	Press it and hold for 2 seconds. Remark: only works under arm status.
	Disarm	Siren alarm twice

	Set vibration sensitivity	From level 1 to Level 8 in turn
	Study code	Only works when 3 cables powered according manual
	Mute mode On/Off	Press it and hold for 3 seconds, sire will alarm once and switch between on and off.
	Background light	
	Auto arm/disarm function On/Off	Press it and hold for 3 seconds, auto arm/disarm function will switch to on or off.

(pls install the battery before use)


① Button  means: arm / finding car

--Press , system will 1 beep and alarm, and LCD screen will display ARM and . Background light is blue. After 6 seconds, the vibration and air pressure are detected, and after 35 seconds, the voltage drop is detected.

--Press  and hold for 2 seconds, it's to find car, siren will alarm for 30 seconds, and the background light will be red.

Press  or  to stop the alarm.

② Button  means: disarm

-- press the button, it will 2 beep and disarm, and LCD screen will display DISARM and . The background light will be blue.

If the car has been touched, the corresponding number of times the buzzes according to the last trigger state as follow:


→if it is triggered by a small vibration, the horn will make 4 beeps;


→if it is triggered by a large vibration, the horn will make 5





beeps;


→ if it is triggered by air pressure, The horn makes 6 beeps;


→ if it is triggered by a voltage drop, the horn makes 7 beeps.





③ Button  means: check the working status.

-- Press , two-way remote control will show latest working status

-- Press  and hold for 2 seconds, enter mute / sound alarm function switch. When the screen displays , means mute-alarm mode. Then Press  and hold for 2 seconds to exit mute mode, no  icon on the screen. In mute-alarm mode, only two-way remote control sends out alarm, but siren can't.

④ Button  means: on background light / **auto arm & disarm function**



-- press , The backlight of the screen is turned on and automatically goes out after a delay of 7 seconds

-- press  and hold for 2 seconds, the screen will display , means the auto function is on; press  again and hold for 2 seconds, no  icon on the screen, auto function will be off.

Auto arm and disarm function means : even when system is disarm, the system will automatically enter the anti-theft alarm state after 15 to 20 meters away from the car; under this state, use the original car key to open the door, and the system will


disarm.

⑤ vibration Sensitive



Press  and  at the same time to adjust the sensitivity from 1 to 8 in turn, and it will beep from 1 to 8 also. 8 is the highest sensitivity.

Note: When testing the vibration sensitivity level, turn on the vibration trigger function and set the anti-theft alert state. After 6 seconds, tap the car body to trigger. If the vibration intensity at this time is greater than the upper limit of the vibration sensitivity setting, an alarm sound will sound. After a test is over, if you want to test again, you must wait another 6 seconds before proceeding.

⑥ car adaptor air sensor

It has on/off button. When it's on, the screen will display .

⑦ Select vibration trigger and voltage drop trigger

Press  and  at the same time to Select vibration trigger and voltage drop trigger, According to the current selection, the horn beeps different times. There are four modes to choose. For example, if the horn beeps once, it means that mode 1 is selected, as follows:

Mode 1 (call once): Allow vibration trigger (factory value)

Mode 2 (called twice) allows voltage drop trigger.

Mode 3 (called three tones): Allow vibration triggering and voltage drop triggering.

Mode 4 (called four tones): prohibit both vibration and voltage



drop triggering.







Factory default setting is: vibration triggering.

⑧ low battery alert

When the two-way remote control detects that the battery voltage is low, the two-way remote control beeps three times and flashes the icon to remind the user to replace the battery.

⑨ alarm trigger

When the system is under arm, and detect the door or trunk is open illegally, siren will alarm 3 times, each time will last for 30 seconds. The two way remote control will alarm 30 seconds and the background light is red. Press  or  to cancel the siren alarm but the system is still under alarm. If detect small touch vibration, siren will alarm 5 beeps, and the two way remote control will alarm 3 times, and back ground light is still red.

- A.  means small touch vibration trigger;
- B.  means big vibration trigger;
- C.  means air pressure trigger;
- D.  +  +  means low battery trigger.

Attention: The prerequisite for generating the above alarm signal is to enable the corresponding trigger function. If there is an excessive vibration trigger before the small vibration is triggered and the trigger prompt is not cleared (press any key



on the two-way remote control, the trigger icon can be cleared) ,

When the small vibration is triggered, the icon  flashes.

IV. Study Program Learning new remote control codes and wireless burglar detector cigarette lighter

a. Grounding the white line (coding ling), siren barring three times, which means that learning new code patterns

b. Within 8 seconds, trigger the cigarette lighter (directly switching the sensor from OFF to ON position) or press any button on 1-way remote control, or press 2-way remote

control  and . When learning first code, siren blares once, and so on. Maximum 4 codes. Waiting 8 seconds for learning next code. If there is no learning proceeding, or learning cord is not grounded, mode allows the system to exit the learning mode with long blaring.

Strongly recommended, in pairing process, all wireless remote control and cigarette light code need to be learned in main unit. When learning forth code, main unit will exit learning mode. Previous learning code will be cleared by each time in learning mode.

Important Notice:

- 1.If you found that the siren can't work at all, mostly because the remote control is at "auto" disarm status. Pls kindly follow the user manual to check the auto status is on or not. If it's not on "auto" status, pls kindly contact with us.
2. If you think the sensitivity is too high, pls kindly follow the user manual to adjust the sensitivity level to 8 – the lowest. If still too sensitive, pls try to give some cloth pieces or foam around the siren to buffer. Or you can turn off the vibration sensor, if someone open car door/window/trunk illegally, it can alarm still and notice to your 2-way remote control.

Federal Communications Commission Notice

This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

Any Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

Note: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with

minimum distance 20cm between the radiator & your body.