



CATALOG

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Federal Communications Commission (FCC) Statement:

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions:

1. This device may not cause interference, and
2. This device must accept any interference received, including interference that may cause undesired operation of the device.

Note: The manufacturer is not responsible for any radio or TV interference caused by unauthorized modification to this equipment. Such modification could void the user's authority to operate the equipment.

TECHNICAL SPECIFICATIONS/SYSTEM FEATURES

- ◆ 1. Operating voltage of host unit: DC 10.8V-13.8V
- ◆ 2. Static operating current of host unit: 20-40MA
- ◆ 3. Operating voltage of remote controller: DC3V
- ◆ 4. Static operating current of remote controller: <3UA
- ◆ 5. Output current of host unit: direction indicator 15A; speaker 10A; trunk 10A; central door locking 10A; ON wire 40A;
- ◆ 6. Minimum control range of remote controller: 50M
- ◆ 7. Operating frequency: 433.92MHz

- ◆ 1. Alarm Mute function
- ◆ 2. Automatic central door locking
- ◆ 3. Emergency deactivation function
- ◆ 4. KEELOQ encryption technique
- ◆ 5. Automatic anti-theft system

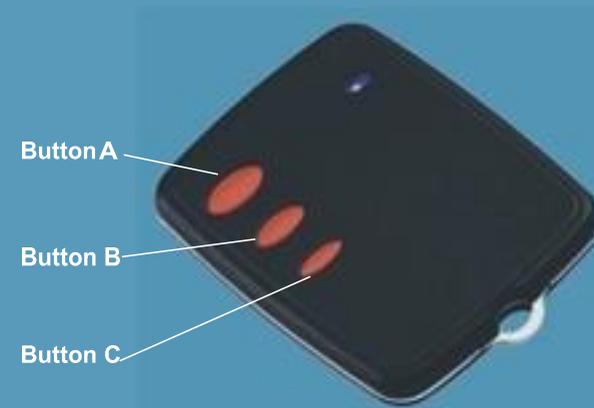
SYSTEM FUNCTIONS

Functions of the Buttons of the remote controller

Button A:----- lock /arm button: system armed/door locked

Button B: -----unlock/ disarm button: system
disarmed/door unlocked

Button C: -----boot opening/mute button

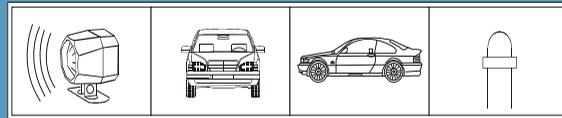


SYSTEM FUNCTIONS

Operating Instructions

1. Anti-theft Mode On

Press button A in normal mode and the vehicle will enter into anti-theft mode. And the following will occur:



the speaker will emit a sound

the lights will flash

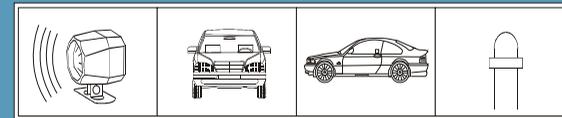
the central door lock and engine immobiliser will be activated

the indicators will flash slowly

The speaker will not emit a sound if the system has been set to alarm mute mode via the remote controller.

2. Anti-theft Mode Off

Press button A in anti-theft mode and the vehicle's anti-theft mode will be deactivated. At the same time the following will occur:



the speaker will emit a sound twice

the lights will flash twice

the central door lock and engine immobiliser will be deactivated

the indicators will be turned off

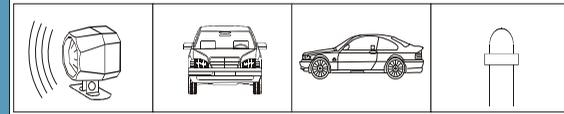
Note: The system will return to anti-theft mode automatically if the vehicle door is not opened 30 seconds after the owner of the vehicle deactivates anti-theft mode.

SYSTEM FUNCTIONS

3. Selecting the Alarm Mute Function:

Press button C for 2 second. The host unit will enter into the alarm Mute mode. To deactivate alarm mute function, simply press button C one time.

Press lock button after selecting the alarm mute function. In this mode:



the sound from the speaker will be muted

the vehicle lights will flash once

the central door locking will be activated

the indicators will flash slowly

4. Opening the Boot:

Press button C three times when the Vehicle is parked or in alarm mode. Then, the vehicle boot is automatically Opened.

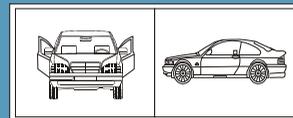
This function will not work unless the vehicle is equipped with a motor for opening the trunk.

SYSTEM FUNCTIONS

5. Door Open Warning

In normal mode, when a door of the vehicle is open, the direction indicators of the vehicle will flash to attract the attention of vehicles coming from behind.

When all doors are closed, the lights will stop flashing and the remote controller will display that the doors are closed.

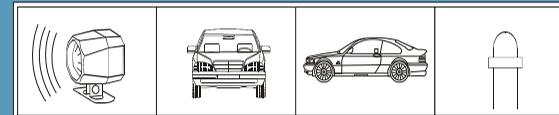


The lights flash

A door is open

6. Sound and Light Alarm

In mute or sound alarm mode, if any door is opened illegally or the ignition lock is forced on or someone enters into the vehicle through a window, the system will activate the alarm: the alarm speaker of the host unit sounds a continuous alarm and the direction indicators of the vehicle flash. To stop the alarm, press button A or B. In this mode, the following occur:



the speaker emits a continuous sound

the lights flash rapidly

the indicators flash rapidly

SYSTEM FUNCTIONS

7. Automatic Central Door Locking

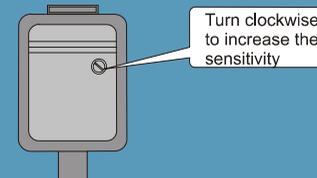
If you step on the brake after the vehicle starts moving, the central door locking system will be activated automatically. When the vehicle stops and the ignition lock is turned off, the doors will be unlocked automatically. While the vehicle is moving, the central door locking system can be activated by pressing button A and deactivated by pressing button C.

8. Learning Function

1. In normal mode, insert the ignition key into the lock of the storage battery. Turn the key to the On and Off positions three times (Off-On-Off- On-Off) within 5 seconds and finally stop at the Off position. The host unit will enter into learning mode and the alarm speaker will sound twice.
2. In learning mode, press button A of the first single way remote controller within 5 seconds, the alarm speaker will sound three times to show that the learning of the first single way remote controller has been completed successfully, and exit the learning mode.

9. Adjustment of the Sensitivity of the Vibration Alarm Sensors

You must remember the position where the sensors are situated and adjust the sensitivity of the sensors depending where you park the vehicle so as to avoid false alarms.



10. Emergency deactivation function

In anti-theft mode, insert the ignition key into the lock of the storage battery, turn the key to the On and Off position ten times (Off-On) within 10 seconds, the alarm speaker will sound 5 times, then the main unit will be reseted in disarmed mode.



INSTALLATIONS GUIDES

I. Before Installing the Host Unit

Please check that you have all of the components before installation. The product you have purchased should include the following items:

Host unit for system control	1	Vibration alarm sensor	1
Remote controller	1	Operating Instructions	1
High-dB alarm speaker	1	30A relay	1
LED indicator (with wire)	1	Bit harness	1
High-frequency portion	1		

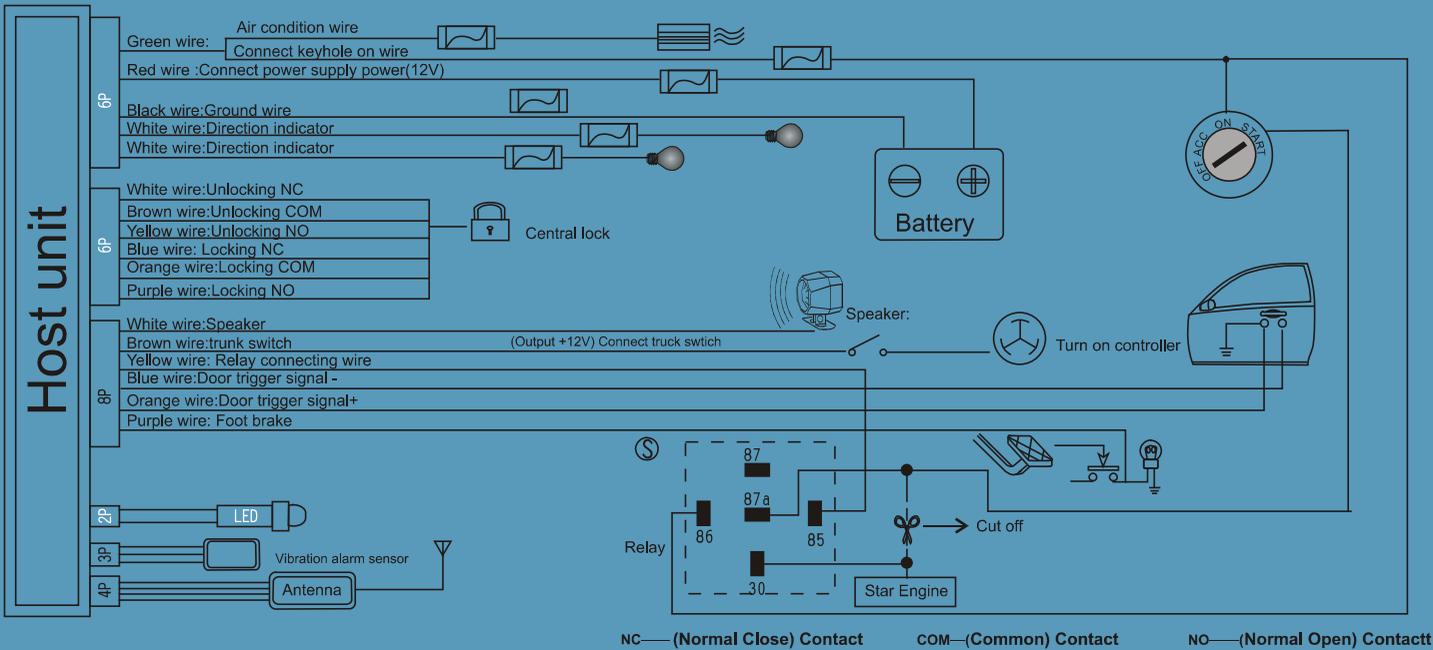
NC— (Normal Close) Contact
 COM— (Common)Contact
 NO— (Normal Open) Contact

II. Host Unit Connections

1. Green wire: Keyhole On wire
2. Red wire: power supply wire
3. Black wire: ground wire
4. White wire: direction indicator
5. White wire: direction indicator
6. White wire: unlock NC
7. Brown wire: unlock COM
8. Yellow wire: unlock NO
9. Blue wire: lock NC
10. Orange wire: lock COM.
11. Purple wire: lock NO.
12. White wire: speaker
13. Brown wire: trunk switch wire
14. Yellow wire: relay connecting wire
15. Blue wire: door trigger signal-
16. Orange wire: door trigger signal+
17. Purple wire: foot brake

INSTALLATIONS GUIDES

III. Host Unit Installation Circuit Diagram



INSTALLATIONS GUIDES

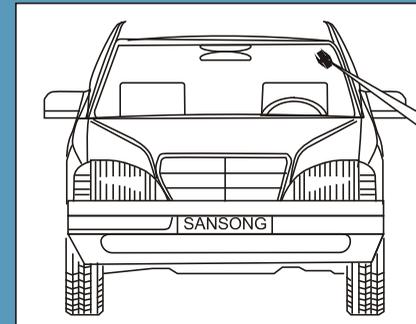
IV. Vehicle Examination before Installation

In order to avoid installation problems arising from faults with the vehicle, the following examination of the vehicle should be carried out before installation:

1. Do the instrument lights work normally?
2. Does the engine start normally?
3. Do the direction indicators work normally?
4. Can the side doors open and close normally?
5. Does the central door locking system work normally?
6. Does the boot opener work normally?
7. Is the voltage of the storage battery normal?

V. Installation of Host Unit Antenna

The antenna of the anti-theft host unit should be installed as close to the vehicle glass as possible. Adjust the position of the antenna for the best reception. The antenna must not be folded, cut down or grounded.



It is recommended that the antenna is mounted in a location near to the rear windscreen.

INSTALLATIONS GUIDES

VII. Installation of Host Unit System

The host unit system should be installed in a concealed location that will not be affected by high temperatures and high humidity and which is away from any other electronic equipment in the vehicle. Find a location where the host unit can be installed and then identify the wires to be connected, such as the wires for direction indicators, brake lights, power supply and other components. Connect the control wiring other than the main power supply cable first. The main power supply cable should not be connected until all other control wires have been connected and checked properly. The harness should be bound together firmly before connection. A simple test should be carried out after the connection of all harnesses. If

VIII. Installation of Central Door Locking System

Remove any door parts as necessary, find a location near to the manual switch lever within the door, where a central locking motor can be positioned easily, and then fasten the manual switch lever and the central locking motor lever together using the fittings provided. Affix in such a way that when the central locking motor is activated, the door lock levers will move correspondingly.

Wiring Diagram for Central Door Locking System

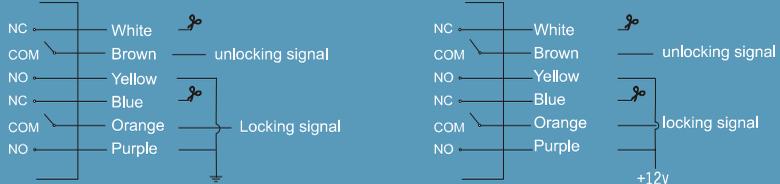


Illustration 1 Trigger -

Illustration 2 Trigger+

NC— Normal Close Contact
COM— Common Contact
NO— Normal Open Contact

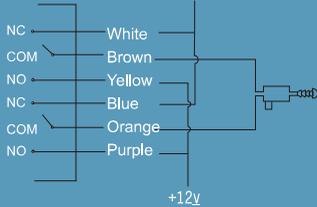


Illustration 3 Trigger+

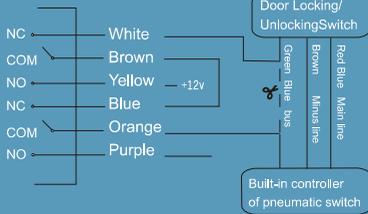


Illustration 4 Circuit wiring for pneumatic switch.

For cars with pneumatic switch for central door locking system, such as Audi, Benz, the positive signal and negative signal of door bus will be toggled when the door is unlocked or locked. (Note: For pneumatic switch, selecting built-in mode: 3.5 seconds)

POINTS TO NOTE

X.Faults and Troubleshooting the Installation of the Host Unit

Faults	Troubleshooting
1. The speaker continues to sound the alarm after installation of the host unit and the alarm cannot be deactivated by the remote controller.	Check if the sockets are connected the wrong way round. Is the connection wrong?
2. The remote controller Dose not work or its reception Range is short. short.	Check if there is something wrong with the installation of host unit antenna. Check if the remote controller has become wet. Check if the remote controller is damaged. Check if the voltage of the battery is high enough.
3. The central door locking system works abnormally.	Check if the door switch has a fault. Check if the original central locking motor has a fault. Check if the wires are connected properly.
4. The speaker makes no sound when the system is in anti-theft mode or alarm mode.	If the speaker makes no sound in anti-theft mode, check if the system has been set to mute mode. Check if there is something wrong with the connection wires between the speaker and the host unit. Check if the speaker has a fault.
5. The vehicle cannot be started remotely.	Check if the wires are connected properly. Check the spark plugs and filter of the vehicle or adjust the carburettor.
6. The host unit does not work.	Check if the wires are connected properly. Check if the voltage of storage battery is normal. Check if the host unit has become wet.

Points to note

- 1.Prevent water and organic solvents from entering into this product.
- 2.Do not drop the remote controller onto hard surfaces or into water and do not place it in direct sunlight.
- 3.Our regional offices and agencies for this product are responsible for after-sales services.
- 4.This alarm device will not be activated even if the device is not damaged by being hit but a door is opened by means of illegal methods involving the use of sophisticated technology.
- 5.Our products are guaranteed for one year and we will take responsibility for repairing any product displaying a fault arising during normal use by the customer.
6. If motor equip "chip verify technique", the function of "START" may not be effective
7. This product is for assist only, if any steal, damage and accident occur, is your own risk.