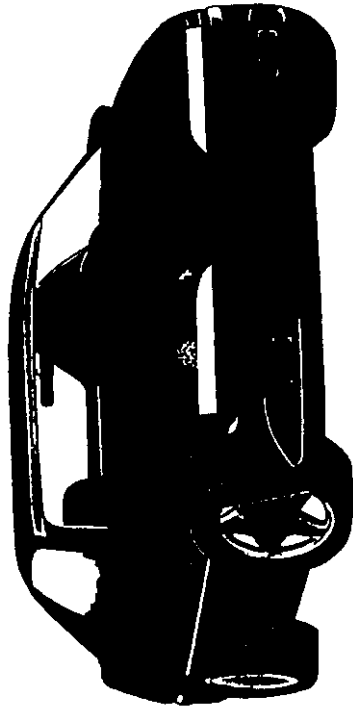
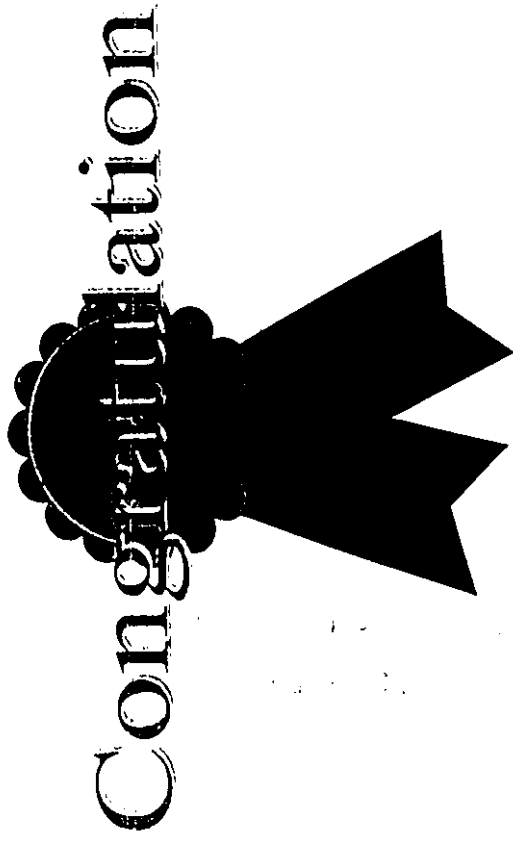
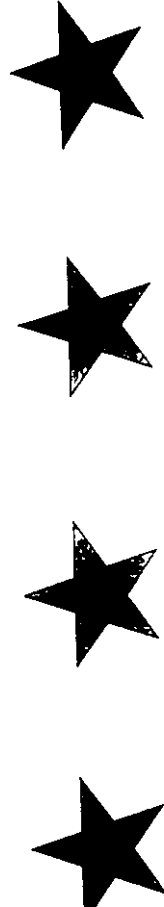


Deluxe Car Alarm
System ANT-6812H

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FCC ID : OMH6812H-303



Product You Can Rely On



Owner's Manual of ANT-6812H

Accessories of the ANT-6812H

- 1 Transmitter (2 transmitters for each complete alarm system)
 - a. Random Change Code is so called **Code Hopping** with 4 billion set of codes, including one fixed ID code to identify itself to the Central Control Unit. For every central control unit, it can recognize max. 5 sets of transmitters.
 - b. the code will be randomly changed whenever the transmitter is operated; this will prevent any one from copying the fixed code to deactivate the alarm function.
 - c. 3-button design, the default button operations are (channel 1-3):
 - ch-1 car finder / arm / disarm / panic
 - ch-2 remote luggage trunk release
 - ch-3 shock sensor and voltage drop will be **both disabled**
 - d. front positioned illuminator, to indicate the button-press activities battery is the one-and-only maintenance-required part.
- 2 Central Control Unit (1 unit for each complete alarm system)

This unit is acting like the Central Process Unit of a computer. And this unit is always keep an eye on the moving environment on your behalf during your absence.

The unit has several selectable functions to suit you need under different circumstances.

A dash mounted LED indicator will show you whether you have already enabled the alarm system or not. You won't be asked to maintain the Central Control Unit in most of the time.

Operating Instruction

- 1 Arm the Alarm System

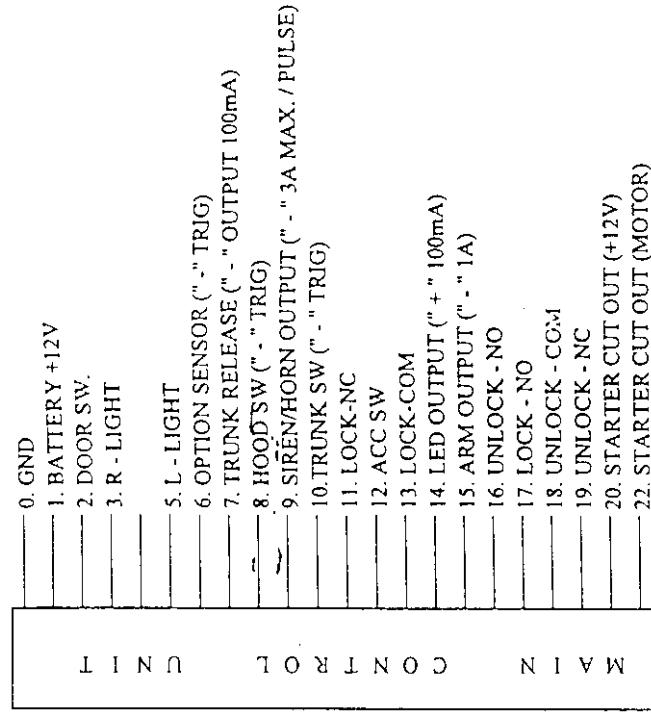
when leaving the vehicle, press ch-1 on the transmitter, the front positioned illuminator will illuminates red light, all doors will be locked. **1 short chirp** from the siren can be heard, corner lamps will flash once, and the LED indicator inside the vehicle will be first ON and after **30 seconds**, it will start to flash continuously, this is to confirm that the alert condition is on, and in the mean time, the ignition system has being shut off.
- 2 Disarm the Alarm System

press ch-1 on the transmitter, the front positioned illuminator will illuminates red light, all doors will be unlocked, **3 short chirps** from the siren can be heard, corner lamps will flash **3 times**, and the LED indicator inside the vehicle will be then OFF, this is to confirm that the alert condition has being switched off.
- 3 Corner Lamp / Electronic Siren

when arm / disarm, corner lamps flash **1 time / 3 times**, the function is fixed. when arm / disarm, **1 short chirp / 3 short chirps** can be heard from siren, the function is also fixed.
- 4 Remote Luggage Trunk Release (assuming electronic trunk release PIN switch is installed)

press ch-2 on the transmitter, corner lamps will flash **5 times**, and the luggage trunk will be released at once.

Wiring Diagram of the ANT-6812H



D. Selectable Functions of the ANT-6812H

ANT-6812H has 12 different selectable functions can be chosen as personal preference, standard operating procedures to obtain these functions are:

- D-1 Arm the alarm system first
- D-2 Disarm the alarm system then
- D-3 Turn the ignition key ON and OFF for the requested number of times
This must be done within 20 seconds after disarming the alarm system
- D-4 Change the Preferences
when the previous procedure is completed, the corner lamps will flash exactly the same number of times as the ignition is ON and OFF programmed, this is to confirm that the preferred functions have been selected.

D-5 Other Functions

Repeat step D-1 to D-4 to select other functions

D-6 Selectable Functions Table – Programmable Modes from Ignition

Turn /times	Selectable Functions	Choices	Default
5	Override	ON / OFF	OFF
6	Chirp	ON / OFF	ON
7	Trunk Release / Fast Panic	Trunk / Panic	Trunk Release
8	Auto Arm (Passive Arming)	ON / OFF	ON
9	Siren / Horn Switching	siren / horn	siren
10	Auto Re-Arm	ON / OFF	ON
11	Door Lock Signal Output	5 / 0.5 sec.	0.5 sec.
12	Door Trigger	V+ / -V-	V-
13	Error Sector By-Pass Chirp	ON / OFF	OFF
14	Shock Sensor Sensitivity	8 levels	3 rd level
15	Auto Arm (ACC or Full)	ACC / Full	ACC
17	Car Finder	ON / OFF	OFF

E. Wiring Diagram of the ANT-6812H

B-5 Shock Sensor ON/OFF

press ch-3 on the transmitter, this is to activate/deactivate the shock sensor only, rest of the functions remain unchanged. Arm and disarm again will resume the function.

B-6 Activate the PANIC Function

press ch-1 for 3 seconds, the PANIC function will be activated, ignition system will be shut off, corner lamps will flash continuously and the siren will immediately sounds for 30 seconds, the ignition system will be kept in alert condition before the PANIC function has being switched off. If hot wiring is attempted, then the siren will continue its high dB sound. To press ch-1 again will make the system go back to arming status.

B-7 Dash Mounted LED Indicator

Intelligent LED will provide user with important information

- a. system consistency is violated during arming, LED indicator will flash rapidly.
- b. indication to potential thief that the vehicle is under protection
- c. to report the last triggered sector during the previous arming condition, simply turn the ignition ON and then OFF, the LED indicator will flash certain times (to indicate specific sector – please refer to B-8) to report the triggered sector. To turn the ignition ON and then OFF again, the LED indicator will report again.

B-8 Triggered Sector Indication

Dash mounted LED indicator will flash rapidly when the system consistency is violated until the ACC is ON again, and then the LED indicator will report the triggered sector with different number of LED flashes.

Sector	LED Flashes
4 doors	1 times
hood	2 times
luggage trunk	3 times
additional sensor	4 times
ignition circuit	5 times
shock sensor	6 times

B-9 Error Detected Sector Indication

Siren will report the Error Detected Sector with series of chirps to indicate either the doors, hood, or trunk are not properly closed. The number of the chirp is related to the sector which has error detected. Just as we mentioned in C-8, the error detected sector will be isolated and the full protection will be remain on.

Sector	Siren Chirps
4 doors	1 times
hood	2 times
luggage trunk	3 times
additional sensor	4 times
ignition circuit	5 times

10 Code Learning

Extra transmitters can be learned (up to 5 new transmitters) from the control unit, so once the user loses transmitter, car dealer can perform the code learning of new transmitter, and the lost one will be deleted from the memory of the control unit immediately.

The procedure is, first arm then disarm, turn the ignition key **20 times**, press any of the 3 keys on the new transmitter(s), so new transmitter(s) is (are) learned, **1 short chirp** can be heard and corner lamps will flash once. The change will be effective after **10 seconds** or to turn the ignition ON just like mentioned in C-9. User must repeat arm and disarm, to turn the ignition key **20 times**, and then further learning is possible.

1 Ignition Protection (prevent from Hot Wiring)

when the alarm is armed, it will shut off the ignition system (ACC) immediately to prevent the thief from hot wiring the vehicle, if any one who attempts to hot wire the ignition circuit, the siren will start to sound for **30 seconds**.

Main Functions of the ANT-6812H

Except for the basic functions already mentioned in category A and B, there are some other selectable functions will be also mentioned hereinafter:

Override (selectable function, please refer to D-5) The factory default is ON

When this function is selected ON, it will temporarily stop the alarm system but the remote central door lock remains functioning.

How to operate:

Turn the ignition key for **5 times** and then press **ch-1** to activate the specific change; this is the standard procedure to enter selectable functions and to leave. When the ignition is ON again after the change, the corner lamps will flash **5 times** to confirm it.

Chirp (selectable function please refer to D-5) The factory default is ON – with chirp

When arm / disarm, siren chirps **1 time / 3 times** user has the right to select with or without the chirp.

Trunk Release / Fast Panic (selectable function please refer to D-5) The factory default is Trunk Release

If press **ch-1** for **3 seconds** to activate the PANIC is too long for user, then to use this selectable function to change the PANIC from **ch-1** to **ch-2** will activate the PANIC faster, but the trunk release function will be disabled then.

Auto Arm - Passive Arming (selectable function please refer to D-5) The factory default is ON - automatic

When Passive Arming is ON selected, the alarm will shut off the ignition system after all doors are closed after **20 seconds**, the LED inside the vehicle will start to flash periodically to confirm that the ignition is entered the alert condition, the doors won't be locked automatically.

Siren / Horn Switchable (selectable function please refer to D-5) The factory default is Siren

User can choose from siren to original horn from software (an extra relay is required).

C-6

Auto Re-Arm (selectable function please refer to D-5) **The factory default is ON**
Under certain circumstances, alarm has been deactivated, but the doors left unopened, alarm system will be re-armed after **60 seconds**, ignore the incident and then lock the doors automatically.

C-7

Door Lock Signal Output (selectable function please refer to D-5) **The factory default is 0.5 sec.**
Some European vehicles demand longer signal output.

C-8

Door Trigger (selectable function please refer to D-5) **The factory default is V.**
Door can be V+ or V- triggered, it depends on the design of the vehicle.

C-9

Error Sector By-Pass —Full Diagnosis (selectable function please refer to D-5) **The factory default is chirp OFF**
5 seconds after remote arming, the alarm will emit a series of error chirps to alert of any unsealed or faulty sector, if error chirps are emitted, the alarm will automatically isolate the unsealed or faulty sector and continue to provide full protection to the vehicle, when trying to open any specific sector, there will be **no chirp**.

The error sector by-pass happens when any one of the sector is triggered more than **3 times**, the faulty sector could be caused by defective door lock, hood or trunk pin switch (please refer to B-9). This diagnosis will repeat itself each time when arming the system.

C-10

Shock Sensor Sensitivity Adjustment (selectable function please refer to D-5) **The factory default is the 3rd level**

user can decide the sensitivity of the shock sensor to their preference, **8 levels** in total can be programmed. When user enter the software programming mode, siren will first launch **5 chirps** and then they can start to adjust the sensitivity, press **ch-1** will increase the sensitivity (**1 chirp** each time) and press **ch-2** will decrease the sensitivity (**2 chirps** each time). There are two ways to leave the software programming mode, first one is to turn the ignition ON, second one is **10 seconds** after no more adjustment, the alarm system will memorize the change and leave the software programming mode.

C-11

Auto Arm – ACC / Full (selectable function please refer to D-5) **The factory default is ACC**

C-3 must be ON first and then this selectable function is available.

Select ACC as default means that only ignition will be triggered, if the Full is selected, that means all sectors will be triggered.

This function is supposed that the user is leaving and entering the vehicle frequently but each period could be more than **20 seconds**, the alarm system is only keep the ACC in alert condition instead of all the sectors.

C-12

Car Finder - Locate the Vehicle (selectable function please refer to D-5) **The factory default is OFF**

after the vehicle is disarmed, all doors will be unlocked, **3 short chirps** from the siren can be heard, corner lamps will flash **3 times**.

if the car finder function is ON, the corner lamps of the vehicle will remain ON for **30 seconds** until a door is opened or the ignition is switched ON.