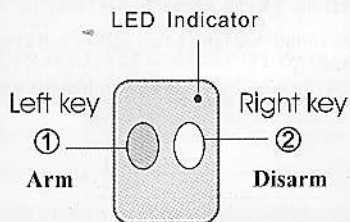


# Vehicle Security System Operation Instruction

1300A

Micro-Processor and Remote Control Car Security System



Hi-tech 2-button use battery: 12VDC 23A  
RF. Transmitter

REMOTE FUNCTION	
	<b>Arm / Door lock</b>
	<b>Car Finder</b>
①	<b>Panic-</b> keep press over 2 seconds
	<b>Anti-Car Jack-</b> In <b>IGNITION ON</b> position, Keep press over 2 seconds
	<b>Disarm / Door Unlock</b>
②	<b>Trunk release-</b> Keep press over 2 seconds
①	<b>Silent Arm</b>
②	<b>Sensor by pass-</b> In Arm position, press 2sec.

## How to enter Programmable Mode

Make sure the system is in Disarm and Ignition "ON" position. Pressing button ①+② simultaneously, until siren chirp one long sound and followed 3 short chirps means system is enter programmable mode, see under table for features setting.

To exit :Within 8 seconds without any further programming by pressing button(s), siren will chirp twice to confirm system be programmed and in normal status.

## PROGRAMMABLE MODE TABLE

Press Key ①		Press Key ②		Press Key ①+②	
Ignition Safety Door Lock	Siren Chirp Confirm	Passive Arm (Last door arm)	Siren Chirp Confirm	Door Open Alert	Siren Chirp Confirm
*With	One Chirp	*Without	One chirp	*With	One chirp
		With (With door lock)	Two chirps		
Without	Two chirps	With (Without door lock)	Three chirps	Without	Two chirps

Note: "\*" means factory setting before delivery

## PROGRAMMABLE FEATURES DESCRIPTION

1.) **Ignition safety door lock select:** If set "With", when turn Ignition ON after 10 seconds the doors will lock automatically, but within this 10 seconds the door has been opened this feature will be cancelled. When turn Ignition OFF, the doors will unlock service.

2.) **Passive arm :** If set "WITH", while turn Ignition OFF, then close the last door, system will start counting 30sec. Led flashing fast to indicator the system is in counting mode. After 30sec. The system will arm by itself and LED flashing slowly to show the system is in arming mode.

Under passive arm (set "With"), you can set with door lock or without door lock after 30sec. Siren chirp to confirm by press key ② (Two chirps to set with door lock ; Three chirps to set without door lock).

3.) **Door open Alert :** If set "WITH", In Ignition ON position, open door or are not closed well, Parking lights will flashing to warn driver until door close well.

## How to use code learning

This system can expand to 2 different transmitters, and comes from factory with two transmitters already programmed into the system memory. Whenever you want delete transmitter code or add new code, just obey the following instruction:

1. Turn Acc from OFF to ON. Push and hold S2 Tact Switch (refer to wiring schematic).
2. During step # 1, press over-ride switch On/Off. Siren will chirp once to confirm the system is in code learning mode. Release S2 Tact Switch
3. Press any button of new transmitter for learning, siren will response one long chirp follow with one short chirp to confirm the code of first transmitter is learned.
4. To program the second transmitter code, repeat step # 3. Siren sound one long chirp follow with two short chirps to confirm the code of second transmitter is learned.
5. Within 10 seconds for no transmitter activity, alarm system will turn off the code learning mode and siren burst twice to confirm.
6. Every time learning new transmitter, formal code (old transmitter) will be erased.

## Standard Features

**Arm** : Press button ①, siren will chirp once and lights flash once, doors lock and starter disable, LED flashing slowly. System will be triggered whenever the car was hit or intruded.

**Disarm** : Press button ②, siren will chirp twice and lights flash three times, doors unlock and starter enable, the LED off.

**Silent Arm**: Press button ①+② in disarm position to enter silent arm. Light will flash once, door locked and start disable, any intrusion or tampered won't activate siren, but if door(s) or ignition switch are being forced open the siren will be triggered.

**Panic**: Press button ① over 2 seconds, panic mode will be activated. System will respond by siren sounding and lights flashing for 30 seconds. Press button ② to exit panic.

**Anti-Car jacking**: When Ignition on, press button ① over 2 seconds, lights will start flashing and LED start flashing fast to show the car is entering anti-car jack mode.

1.) 30 seconds later siren will sounding for 1 minutes.

2.) 60 seconds later starter disable.

To exit this mode by pressing button ②

**Car finder**: Press button ① while arm position. Siren chirps and lights flash once. While press button over 2 seconds, siren will keep chirping and lights keep flashing to show the car position.

**Auto Re-Arming**: System will arming again 30 seconds after disarm, unless the doors have been opened or ignition is on. This feature is to avoid mis-touch or mis-disarmed.

**Audible zone violated identification while Disarming**: If the car is attempted or intruded, siren will chirp different sounds to identify which zone has been triggered.

Siren chirps 3 times & Lights flash 4 times	1st stage sensor was triggered
Siren chirps 4 times & Light flash 5 times	2nd stage sensor was triggered
Siren chirps 5 times & Light flash 6 times	Door / Ignition was triggered

**Audible Defective zone alert & Bypass while Arming**: In arming alarm mode if the siren chirps 4 times, it means door(s) or trunk is not shut properly. The alarm will bypass that zone and still protect other zones.

**Emergency over-ride switch**: If the remote has been lost or damage, the owner can enter the car by using the key. It will act the alarm. To disarm the alarm turn ignition on and press over-ride, it will disarm the alarm instantly. (Ask your dealer for over-ride location)

**Remote sensor by pass**: Press button ①+② while in armed position, siren will chirp twice to confirm that the sensor will not be detected, but it will be detected again next by arming.

**All time remote lock / unlock operation**: Regardless Arm or Disarm, lock and unlock operation will work any time.

**Electronic shock sensor**: 10 chirps for light touch, heavy impact will cause full alarm. During 10 chirps period, if 2nd impact is detected siren will sounding for 15 seconds. Adjustments are made via the rotary control as indicated above of the shock sensor.

**Trunk Open:** This channel is a negative (-) output features. (Car starter, trunk release, window roll-up, etc.) See your dealer for details. To activate this channel by Pressing and hold button ② for 2seconds.

**Power disconnecting memory:** This system is built in memory on main unit. Generally, after alarm power is cut and reconnect, main unit will read back these data make the alarm to resume. When in Disarm or Arm position, power off then on again, alarm will read back original position.

**Parking lights relay built**

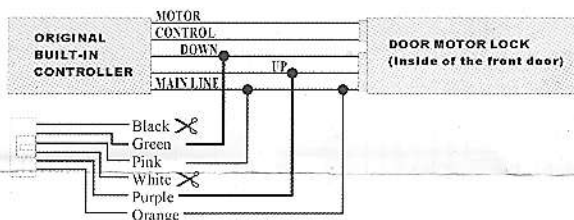
**Central door lock relay built-in:** This is available for any different design of door lock/unlock.

**Smart LED indicator:** When you disarmed, a fast pulses on the LED will visually alert you if an instruction attempt was foiled while you were away. It will reset itself after Ignition turn ON.

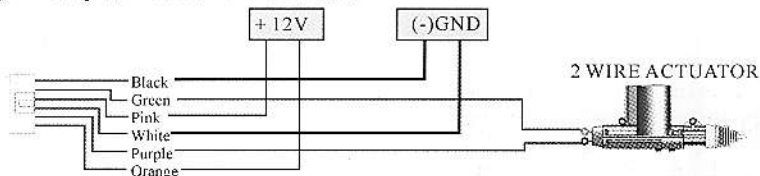
LED STATUS	FUNCTION STATUS
Slow flashing	System in Arm position
Fast flashing	Alarm has bee violated / Passive arming
OFF	Disarmed

## Door Lock Wiring diagram

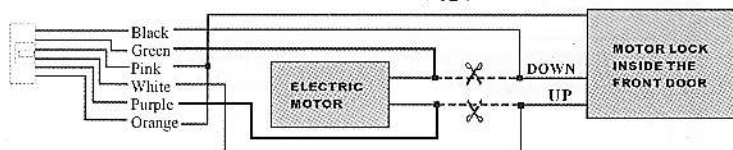
### 1.) For Factory installed central door lock system



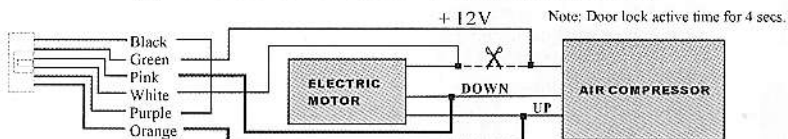
### 2.) Directly connect to 2 wire Actuator



### 3.) A built-in Central door lock with electric lock switch (like: CHRYSLER..)

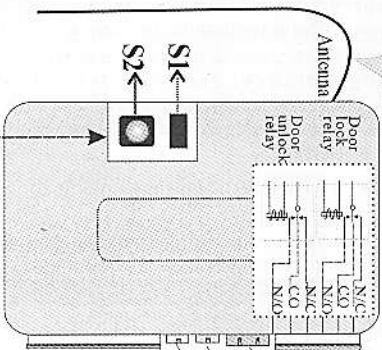


### 4.) For vacuum type central door lock system (like : Mercedes Benz , AUDI..)



# Wiring diagram

**CAUTION:**  
Do not ground to body of car.  
Extend wire vertically.  
Do not alter wire length.



Sliding open the window to access jumpers for selection setting function.

S1: Central door lock timer  
(With jumper: 0.8sec.)  
(Without jumper: 4sec.)  
S2: Transmitter learning switch

