

OPERATION MANUAL
VEHICLE SECURITY SYSTEM
CE-SS200

FUSION[®]

FUSION CULTURE

There's no point doing something if no one notices. We've always believed the way to make things happen is by getting noticed. From our product, to our demo cars, to our events, FUSION is about making some noise.

Now you are ready. Step out of the shadows and announce you've arrived in a world where the old limits are left behind. Where technology is creatively combined with the latest in product innovation. Where new levels of entertainment are delivered with outstanding performance and quality. Our development team create distinctively different products; subwoofers, amplifiers, speakers and peripherals that redefine what can be done in car audio.

Leave the old behind and push the limits of what can be achieved in car audio. Make some noise.

For more information about FUSION Electronics visit our website at www.fusionelectronics.com or email technical@fusionelectronics.co.nz

TABLE OF CONTENTS

- REMOTE OPERATION..... pg 4
- INDICATOR LIGHTS pg 4
- LED INDICATORS pg 5
- SIREN INDICATORS pg 5
- ACTIVE ARMING - LOCK & ARM pg 6
- PASSIVE ARMING pg 6
- PASSIVE DOOR LOCKING pg 7
- ACTIVE DISARMING..... pg 7
- DISARMING WITHOUT A REMOTE pg 7
- VALET MODE..... pg 8
- PANIC FUNCTION..... pg 8
- TRIGGER THE SYSTEM pg 9
- ANTI CAR - JACKING..... pg 9
- CAR LOCATOR pg 10
- TRUNK RELEASE pg 10
- TROUBLE SHOOTING..... pg 11

RECORD YOUR PRODUCT DETAILS HERE:

MODEL NUMBER _____ DATE OF PURCHASE _____

AFFIX RECEIPT HERE

REMOTE OPERATION

Remote Button	System Function	Comment
	Arm & lock doors	
	Car locator	While armed
	Disarm & unlock doors	
[2 seconds]	Disarm & pop trunk / boot release	Press and hold for 2 seconds
[3 seconds]	Panic function	Press and hold for 3 seconds - Activates siren
-	Disarm & two step door unlock	Press unlock twice within 3 seconds
-	Arm & bypass the shock sensor	Press lock twice within 3 seconds
+	Silent arm / disarm	While the ignition is OFF press both lock & unlock simultaneously
+ [2 seconds]	Activate anti car-jacking	While the ignition is ON press both lock & unlock simultaneously

INDICATOR LIGHTS

Indicator light	Function
1 flash	Arm
2 flashes	Disarm
3 flashes	Disarm / After activation
12 flashes	Car locator





LED INDICATORS

LED	Function
Off	Disarmed
Slow Flash	Armed
Fast Flash	Passive arming
On (Solid)	Valet mode
2 Flashes... pause	Trigger on trunk / boot or hood / bonnet
3 Flashes... pause	Trigger on door switch
4 Flashes... pause	Trigger on Dual Zone Shock Sensor
5 Flashes... pause	Trigger on ignition switch

SIREN INDICATORS

Chirp	Function
1 Chirp	Arm
2 Chirps	Disarm
3 Chirps	Alarm Warning
4 Chirps	Disarm / After activation
6 Chirps	Car locator

ACTIVE ARMING – LOCK & ARM

1. Press  (Lock) button on remote.
2. The siren will chirp once and indicator lights will flash once indicating that the system is now armed. The vehicle doors will lock upon arming when interfaced with the security system.
Ajar Warning: If the siren sounds 3 chirps, then you have left a door, trunk / boot or hood / bonnet lid ajar.
Silent Arming / Disarming: Pressing the  (Lock) and  (Unlock) buttons at same time will arm or disarm your security system, No siren chirp will be heard, arm / disarm confirmation will be through the vehicles indicator lights only.
Shock Sensor By-Pass: Press the  (Lock) button two times within 3 seconds, this will arm the security system and bypass the shock sensor. The system will chirp one additional time to confirm the sensor bypass mode was activated.

Note: The sensor bypass feature is programmed to activate for one arming cycle only. The security system will return to normal operation during the next arming cycle.

PASSIVE ARMING



The CE-SS200 security system is equipped with an optional passive arming feature, (programming feature II) which allows the security system to arm 30 seconds after the last door is closed. Operation is as follows.

1. Turn the ignition to the "OFF" position and exit the vehicle.
2. After all entrances are closed, the security system LED will flash fast for 30 seconds. If you reopen any door or trunk / boot or hood / bonnet, the security system LED will stop flashing. It will begin flashing again once all the vehicle entrances have been closed.
3. After the 30-second timer has elapsed, the security system will automatically "ARM". The siren will chirp once and the indicator lights will flash once.

PASSIVE DOOR LOCKING

The vehicle doors will automatically lock after passive arming cycle has been completed.

ACTIVE DISARMING – UNLOCK & DISARM

1. Press  (Unlock) button on the remote.
 2. The siren will chirp twice and the indicator lights will flash twice indicating that the security system is now disarmed. The vehicle doors will unlock while disarming when interfaced with the security system.
- Tamper Disarm:** If the CE-SS200 security system has been triggered upon disarming the system the siren will chirp 4 times and the indicator lights will flash 3 times.
- Two Step Door Unlock:** This feature will independently unlock the drivers door only when disarming the security system. Pushing the  (Unlock) button on the remote a second time within 3 seconds will unlock the entire vehicle.

Automatic Re-Arm: If this feature is selected (programming feature I in the Installation Guide), the security system will automatically re-arm itself 60 seconds after disarming with remote. Automatic rearm will cancel if any door is opened before the 60 seconds timer has elapsed.

DISARMING WITHOUT A REMOTE

The override function must be used if the remote is lost or inoperative.

1. Enter the vehicle and turn the ignition switch to 'ON' position (alarm will sound.)
2. Within 10 seconds, push and release the valet switch. The alarm will stop sounding and enter the disarm mode. You can now start and operate the vehicle normally.

VALET MODE

The valet switch allows you to temporarily bypass all alarm function, eliminating the need to hand your remote to parking attendants or garage mechanics. When the system is in valet mode, all alarm functions are bypassed, except the remote panic feature and remote door locks which remain operational.

Enter Valet Mode:



1. Turn the ignition to "ON" position.
2. Push and hold the valet switch for 2 seconds until the LED turns on. The LED will remain on as long as the system is in 'valet mode'.

Exit Valet Mode:

1. Return to normal operation, turn ignition 'ON'.
2. Push and hold valet switch for 2 seconds, The LED will turn off indicating the system has exited the valet mode.

PANIC FUNCTION

The remote can be used as a remote panic switch to manually trigger the alarm in case of emergency.

1. Press and hold  (Lock) button on the remote for 3 seconds. The siren will immediately sound.
2. To stop the siren sounding and exit the panic function, press and hold  (Lock) button on the remote for 3 seconds.

Note: If the button is not pressed, the siren will automatically stop after 30 seconds.

TRIGGER THE SYSTEM



When the CE-SS200 security system is armed, your vehicle is protected as follows:

1. Light impacts will trigger the warn-away signal. (A long chirp from siren).
2. Heavy impacts / doors open / hood/bonnet open / trunk/boot open or turning on the ignition switch will trigger the programmed sequence. The starter disable relay (if installed) prevents the vehicle's starter from cranking. The siren and indicator lights will turn on to alert of an intrusion for 30 seconds. Then it will stop and automatically reset and re-arm. If one of the sensors or detectors are still active, the alarm system will sound a maximum of 6 times of 30 seconds cycles.

ANTI CAR - JACKING

Warning: The default setting for anti-car jacking is off. See below to activate anti-car jacking feature.

Activate Anti Car Jacking Mode:

1. When the ignition is in the "On" position, press and hold the remote  (Lock) and  (Unlock) buttons at the same time for 2 seconds. The indicator lights will turn on for 1.5 seconds to indicate the system has entered the anti-car jacking mode.
2. Once the system is in anti-car jacking mode, if you are forced from the vehicle, the system will trigger when the door is opened and closed while the ignition is "ON".


Trigger The Anti-Car-Jacking Mode:

- a). 50 seconds after the system has been triggered the siren will start chirping for 15 seconds.
- Note:** During this 15 seconds period of chirping, the user may push the valet switch once to turn off the anti-car jacking feature. If not, it will enter second timer anti-car jacking.
- c). 65 seconds after the system has been triggered. The siren starts sounding and the indicator lights start flashing.
- d). 90 seconds after the system has been triggered
1. The siren will still sound and the parking lights will continue to flash.
 2. The starter disable will activate to prevent the vehicle from starting.
 3. It will remain active until the vehicle's battery power is exhausted.


To Turn Off Anti-Car Jacking:

Turn the ignition switch from OFF to ON, and within 10 seconds push valet switch, the siren will stop and the system will disarm.

CAR LOCATOR

While armed, press  (Lock) button on the remote to activate car locator function. The siren will chirp 6 times and the indicator lights will flash 12 times, for you to easily locate your car.

TRUNK RELEASE

Press and hold  (Unlock) button on remote for 2 seconds to open the boot / trunk release or other electric devices. (Only applicable if additional products are installed)

TROUBLE SHOOTING

PROBLEM	POSSIBLE CAUSE	ACTION
No Operation	No power to alarm	Check power connection, main fuse, fuse holder and ground connection. Check battery.
	In valet mode	Check LED for constant illumination and disable valet mode
No siren sound or quiet sound	Faulty siren	Replace siren
	Water in siren cone	Drain water, dry and relocate siren
	Poorly earthed unit	Rewire or relocate the earth wire and affix securely
	Faulty connection to siren	Check connections
	In valet mode	Turn valet mode off
Alarm will not arm / disarm	Remote battery flat	Place vehicle into valet mode. Override system and get new battery
	Vehicle battery flat	Re charge vehicle battery
	Remote not programmed	Re-program remote (pg4 Installation instructions)
No indicator response	Fuse blown	Replace Fuse and check

TROUBLE SHOOTING

PROBLEM	POSSIBLE CAUSE	ACTION
Remote only operates central locking	System in valet mode	Turn off Valet mode (pg8 User manual)
Alarm arms itself	Alarm is in passive arming	Turn off passive arming feature (pg6 Installation instructions)
Unit is false alarming	Faulty or poorly installed pin / door switches	Check pin switch installation, clean factory door switches
	Shock sensor is set too sensitive	Adjust shock sensor settings (pg7 Installation instructions)
Alarm will not enter valet mode	Ignition not turned on or incorrectly wired	Switch on ignition before pushing the valet button
Vehicle will not start	Engine disable engaged	Disarm alarm system before starting vehicle
Alarm does not sound when door is opened	Door switched not operating or not wired correctly	Check wiring and door switches
Alarm will not sound when the boot / trunk is opened	Trunk / Boot circuit not connected	Check wiring
Alarm will not sound when the bonnet / hood is opened	Bonnet / hood circuit not connected	Check wiring
Alarm does not sound when impact applied	Shock sensor adjusted incorrectly	Adjust sensitivity refer to shock sensor (pg7 Installation instructions)

Unit - 1850000

Unit - 1850000