

The logo for Fusion, featuring the word "FUSION" in a bold, stylized, sans-serif font. The letters are white with a slight shadow effect, giving them a three-dimensional appearance. A registered trademark symbol (®) is located to the upper right of the letter "N".

FUSION[®]

F-2000

:: Vehicle Security System

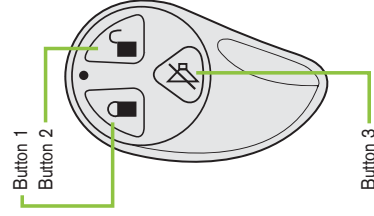
INTRODUCTION

Thank you and congratulations for choosing FUSION Car Security for your alarm requirements. FUSION alarms have been significantly improved throughout the years to assure quality and reliability. The latest in technology has been incorporated into every security product providing you with incredible security and unparalleled performance. Our simple yet highly developed circuitry, contributes to the ultimate in circuit stability. This is why we are sure that your new FUSION security system will provide you with piece of mind for years to come.

Manufacturing quality vehicle security is not all FUSION has accomplished. Check out our full line up of head units, signal processors, component speakers, full range speakers, amplifiers and of course our wide range of high performance subwoofers. Explore the potential of FUSION Car Audio and Security and most of all, enjoy the experience!

REMOTE CONTROL

Button #	Functions	Conditions
1	<ul style="list-style-type: none"> a. ARMS alarm and locks doors (if installed) b. Car finder with sound c. Temporarily stops alarm from sounding d. Locks doors (if central locking is installed) 	<ul style="list-style-type: none"> Alarm is DISARMED Alarm is ARMED Alarm is sounding While Driving
2	<ul style="list-style-type: none"> a. DISARMS alarm b. Unlocks doors (if central locking installed) c. Stops alarm from sounding 	<ul style="list-style-type: none"> Alarm is ARMED While Driving Alarm is sounding
3	<ul style="list-style-type: none"> a. ARMS alarm silently b. Car finder without sound c. Anti-car-jack 	<ul style="list-style-type: none"> Alarm is DISARMED Alarm is ARMED While driving
1+2	Panic	Anytime
2+3	Activates Channel 2 Output to Open trunk, window roll up or even Auto Start Modules.	Alarm is DISARMED




Note: Please refer the above table and operating instructions for all alarm functions.

FEATURES


CODE LEARNING

- A. With the IGN KEY ON, press the Valet Switch 10 times within 8 seconds. The Siren will sound 3 times to enter code learning.
- B. Press any button on the remote control within 8 seconds.
- C. If a new remote control is to be programmed, all existing remote controls must be reprogrammed at the same time. 3 remote controls are the maximum that can be programmed.


ARMING

- A. Press button 1 
- B. Siren will sound once. If silent mode, the siren will not sound.
- C. Parking lights will flash once.
- D. Doors will lock (if central locking installed).
- E. LED will flash slowly.
- F. Engine disable circuit is active (if relay connected).
- G. After 3 sec, alarm is ARMED. If the alarm is triggered within 3 sec, the circuit will be bypassed but all other areas will be ARMED.

DISARMING

- A. Press button 2 
- B. Siren will sound 3 times. If the siren sounds 4 times, it means the alarm has been activated in your absence.
- C. If silent mode arming, the park lights will flash but there will be no siren confirmation.
- D. Parking lights will flash 3 times, if the lights flash 4 times, it means the alarm has been activated in your absence.
- E. Doors will unlock (if central locking installed).
- F. Deactivates the engine disable (if relay connected).
- G. If alarm is on automatic rearming function (Jumper J2), the LED will flash quickly. After 30 seconds alarm will automatically rearm.

SILENT ARMING

- A. Press button 3 
- B. Parking lights will flash once.
- C. Doors will lock (if central locking installed)
- D. LED will start to flash slowly.
- E. Engine disable circuit is active (if relay connected).
- F. After 3 sec, the alarm is armed. If the alarm is triggered within 3 sec, the circuit will be by-passed but all other areas will be ARMED.
- G. In the silent arming mode, the shock sensor will not activate the siren, it will flash the park lights only, all the other sensors will activate siren.

EMERGENCY DISARMING - OVERRIDE

- A. In ARMED mode and only if the remote control failed or was lost, turn the IGNITION KEY to ON.
- B. Press the VALET switch 5 times, the siren will sound 4 times. The alarm will then DISARM. This process must finish within 8 seconds.

AUTOMATIC DOOR UNLOCK

When the IGNITION KEY is turned from ON to OFF, the vehicle doors will automatically unlock (if central locking is installed)




VALET

- A. With the IGNITION KEY ON, press the valet switch one time within 8 seconds.
- B. VALET mode will be activated after 8 seconds, the LED will be constantly ON even with the IGNITION OFF.
- C. In VALET mode, the siren will chirp twice and parking lights will flash twice when using the remote control to lock the vehicle.
- D. To turn off valet mode, turn the IGNITION KEY ON, press the valet switch one time, the LED will turn OFF after 8 seconds.

PANIC

- A. Press buttons 1+2 together, the siren will sound and parking lights will flash for 30 seconds.
- B. Pressing button 1 or 2 will stop the panic function.

CAR FINDER

- A. With the alarm ARMED.
- B. Press button 1  the siren will sound once and park lights will flash 10 times.
- C. Press button 3  car finder in silent mode (the park lights will flash 10 times but without siren sound)
- D. Press button 2  to stop the car finder mode.

SHOCK SENSOR

- A. If the vehicle is lightly impacted, the siren will sound 3 quick chirps.
- B. If the vehicle receives a heavy impact, the siren will sound for 30 seconds and parking lights will flash for 30 seconds.

ACTIVATE CHANNEL 2 OUTPUT

In DISARM MODE press buttons 2 + 3 together to activate the channel 2 output. This could be to open the trunk (f-trk), window roll up (f-4wrm) or even activate an auto start model (f-start) (optional components may be required).

ANTI CAR-HIJACKING (SEE JUMPER SELECTION J4)

- A. With the IGNITION KEY in the ON position and the doors are closed, press button 3 and open the door within 8 seconds, this activates the anti car-hijacking mode.
- B. After entering the anti car-hijacking mode, close the door again. A 30 second countdown starts.
- C. After 30 seconds, the siren will sound every 2 seconds, after 20 seconds it will then sound continuously. Also the parking lights will continuously flash and the ENGINE DISABLE relay will engage (if the ENGINE DISABLE relay is installed). The siren will stop sounding & parking lights will stop flashing when the IGNITION KEY is turned to OFF. Now the ENGINE DISABLE relay will remain engaged until the anti car-hijacking feature is deactivated (if the ENGINE DISABLE relay is installed)
- D. To DISARM the anti car-hijacking, Press button 3 for 2 seconds in IGNITION ON mode. The parking lights will flash 1 time.

DOOR LOCK CONTROL

- A. While driving, press button 1 to lock the doors.
- B. Press button 2 to unlock doors.

AUTOMATIC REARMING (SEE JUMPER SELECTION J2)

If the alarm is DISARMED and neither the IGNITION KEY is not turned ON or any doors opened, after 30 seconds the alarm will automatically rearm and relock the vehicle (only if the central locking option has been installed).

DOOR-OPENED WARNING (SEE JUMPER SELECTION J3)

If any vehicle doors and or trunk is opened while the IGNITION KEY is on, the Park Lights will flash for 1 min for warning purpose.

MEMORY FUNCTION

This alarm has a last state memory feature which remembers the last condition the alarm system was in before power failure.

CURRENT SENSOR (SEE JUMPER SELECTION J5)

The alarm system will be activated by voltage drop such as dome light, courtesy lights or if the ignition lights are turned on.

SENSOR BYPASS WARNING WHILE ARMING

After 3 seconds, the alarm is ARMED. If the alarm is triggered by any sensors within 3 sec, the circuit(s) will be bypassed, the siren will chirp 2 times for bypass confirmation. If the sensor resumes normal operation and keeps stable for 2 or more seconds, the sensor will be reconnected to the alarm monitoring sequence and will now be able to trigger alarm system.

FUNCTION SELECTION VIA JUMPERS

There are five jumper selections available (J1 - J5). See the table below for feature specific programming. Important: All jumper selections have to be determined before installation. Otherwise, you will have to power off the module to reboot.

JUMPER	MODE	FUNCTION	MODE	FUNCTION
J1: LOCK TIMER	0.5 SEC	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	3.5 SEC	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
J2:AUTO REARMING	YES	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	NO	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
J3:DOOR OPENED WARNING	YES	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	NO	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
J4: ANTI CAR-HIJACKING	YES	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	NO	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
J5: CURRENT SENSOR	YES	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	NO	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>

SPECIFICATIONS

Power Supply: _____ 8V-15V

Siren Type: _____ 123dB 6 Tone

TX frequency USA _____ 315MHZ
EUROPE _____ 303.6MHZ or
433.92MHZ

POWER CONSUMPTION:

Disarmed: _____ 12mA

Armed: _____ 20mA

Effective Range: _____ 30ft-100ft*

TX and RX Type: _____ Code Hopping

Park Light Flash Output: _____ 10A

Siren Output: _____ 3A

Main Fuse: _____ 15A

*Range is dependant on weather conditions and alarm installation

LED CONDITIONS

- When the alarm is ARMED, the LED will flash slowly 1 flash/second.
- While the alarm is ARMED, and the alarm activates, the LED will flash rapidly.
- While the alarm is DISARMED, if the IGNITION KEY is not turned on and/or any doors opened, if jumper J2 is selected after 30 sec it will be automatically rearmed and relock the doors (if central locking is installed).
- When in Valet mode the LED will lit continuously.

PARK LIGHTS EMERGENCY FLASH

In ARMED mode, the park lights will flash for 30 seconds if the alarm is triggered.

SIREN EMERGENCY SOUND

In ARMED mode, the siren will sound for 30 seconds if the alarm is triggered.

Notice: Change or modifications which are not approved by the party responsible for compliance would void user's authority to operate the equipment.

The F-2000 vehicle security system, is approved by FCC.

FCC ID:0BDRM77K4T

This device complies with part 15 of the FCC rules. Operations is subject to the following two conditions:

- This device may not cause harmful interference and (2) This device must accept any interference received, including interference that may cause undesired operation.

LIMITED 1-YEAR CONSUMER WARRANTY

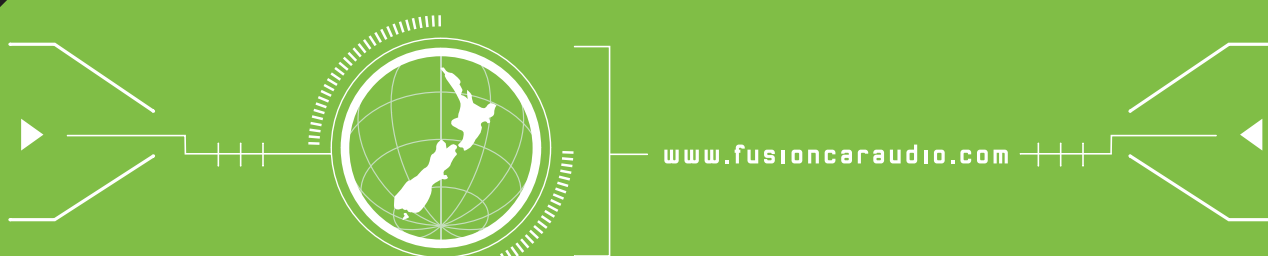
FUSION Electronics Ltd warrants this FUSION product to be free from defects in materials and workmanship under normal use and conditions for a period of one year from date of original purchase. Should repairs be necessary for any reason due to manufacturing defect or malfunction during the warranty period, FUSION will either repair or replace at its discretion, the defective product at no charge upon its delivery to FUSION. To receive the benefit of this warranty, return the FUSION product to your FUSION dealer with this warranty card and a copy of proof of purchase date. This warranty applies only to the original purchaser of the FUSION product and is non-transferable.

Note this warranty does not cover:

- FUSION products that have been damaged by accident or unreasonable use.
- FUSION products that have been repaired or altered by person(s) other than FUSION.
- FUSION products damaged by neglect, improper connection or installation or use in a manner contrary to its intended purpose.
- Any cost or expense related to removal or reinstallation of FUSION product.
- FUSION products that have the serial number removed, altered or defaced.

All other warranties, including but not limited to any express warranty, implied warranty, warranty of merchantability, fitness for particular purpose, and warranty of non-infringement of intellectual property are expressly excluded to the maximum extent allowed by law, FUSION does not accept and has not authorised any person to accept for it any liability in connection with the sale of the product. FUSION has absolutely no liability for any and all acts or omissions of third parties including its authorised dealers or installers.

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