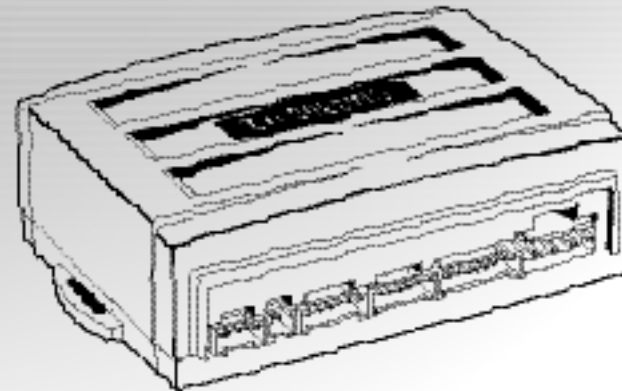


INSTALLATION GUIDE

NuA Module

[CM3300]



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Wiring Diagram

		CN1	Brown	1	(+) Siren Output
			Green/Wh	2	(+) Parking Light
			Red	3	12V Constant
			Black	4	Ground
		CN2	Green/Wh	1	(-) 250mA Parking Light
			White	2	(-) 250mA Horn Output
			Yellow	3	(-) 250mA Aux1
			Yellow/Wh	4	(-) 250mA Aux2
			Violet	5	(-) 250mA Starter Kill
			Green	6	(+) Ignition Sensing Input
			Violet	7	(-) 250mA Dome Light Output
			Orange	8	(-) 250mA Rearm Output
			Orange/Wh	9	(-) 250mA Disarm Output
		CN3	Gray/ Bk	1	(-) Hood Pin Sensing
			Violet/ Bk	2	(-) Trunk Pin Sensing
			Red/ Wh	3	(-) Door Pin Sensing
			Red	4	(+) Door Pin Sensing
			Bk/ Wh	5	(-) Optional Trigger 2 nd Stage
			Gray/ Wh	6	(-) Optional Trigger 1 st Stage
		CN4	None	1	(+)
			Violet/ Wh	2	(-) 250mA Trunk Output
			Orange/ Bk	3	(-) 250mA 2 nd Pulse Unlock
			Blue	4	(-) 250mA Unlock Output
			Blue/ Bk	5	(-) 250mA Lock Output
			None	6	(-)
		CN5	Black	1	(-) LED
			Black/ Wh	2	(+) LED
		CN6	Black	1	(-)
			White	2	2 nd Stage Dual-Shock
			Red	3	(+)
			Yellow	4	1 st Stage Dual-Shock
(-) 4	Black	CN8	Tx Antenna Data Cable Rx Antenna Data Cable	1	Yellow
(+) 3	Red				
(+) 2	White				
LED (-) 4	Yellow	CN7	RPS Sensor	1	Black
(+) 3	Red				
(-) 2	White				

(-) Output for Parking Lights : Some vehicles, such as Jeep, have negative Parking lights.

An Aux output is a 5 sec pulse that can be changed to Latch. See Programming Options.

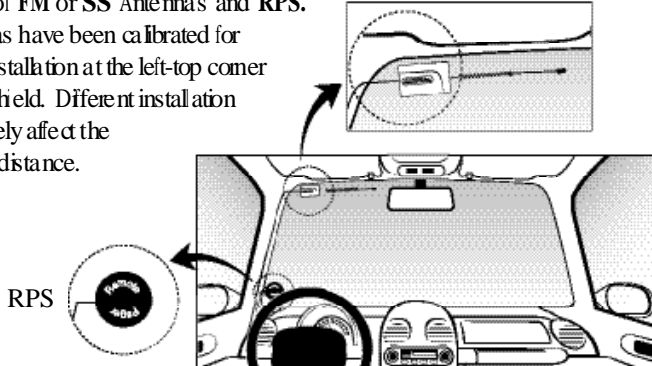
Starter Kill supplies a negative 250mA output when the system is armed.

Dome Light Supervision : Dome light is turned on for one minute after unlock. If you program Dome Lights Rearm option, the Violet wire of CN2 supplies a ground pulse before Lock. The Dome Light Rearm Option is to simulate opening the door and pressing the factory lock button for factory arming.

The sequence for the Rearm pulse : pulse when armed (locked).
The sequence for the Disarm pulse : a pulse when disarmed (unlocked).

Installation of FM or SS Antennas and RPS

Installation of FM or SS Antennas and RPS. The antennas have been calibrated for horizontal installation at the left-top corner of the windshield. Different installation may adversely affect the transmitting distance.



Option Programming for Four Button Remotes

- Step1:** For programming menu 1 : Press Buttons (I+II) for 2 seconds.
For programming menu 2 : Press Buttons (I+IV) for 2 seconds.
The car will chirp once indicating that you are in programming mode.
- Step2:** Within a 2 seconds after pressing (I+II) or (I+IV), press Button IV the number of times to go to the option number you want to change.
You will hear a chirp and see the parking lights flash each time when you press Button IV.
- Step3:** Wait a few seconds. You will hear a number of chirps and see a number of parking light flashes corresponding to the option number you want to change. If the number of chirps or flashes is not what you want, go back to Step 1.
- Step4:** Press Button I for the default factory settings and your car will respond by one chirp and one flash. Press Button II for the optional setting and your car will respond by two chirps and two parking light flashes.
- If you hear a long chirp, you are going out of programming mode, please go back to Step 1.
 - If you want to change more options, go back to Step 1.

Resetting the Programming Options to the factory default settings.

- Step1:** Press Buttons (I+II) simultaneously or Buttons (I+III) simultaneously for 2 seconds. Step 1 is confirmed by a car chirp and a one-time flashing of the parking light.
- Step2:** Press Button III three times. This is confirmed by a car chirp and parking light flash each time you press Button III. A few second later, your car will chirp and parking light flash three times rapidly.
Your car is now set to all of the original factory default settings.

Option Programming for Six Button(ONE WAY) Remotes

The procedures will be same as the 4 button remotes except the use of the different buttons.

Programming	6 Button Remote	4 Button Remote
Programming Menu 1	(Trunk+Start)-	(I+II)-
Programming Menu 2	(Trunk+Stop)-	(I+IV)-
Option Selection	(Stop)-	(IV)
Factory Setting	Lock	(I)
Option Selection	Unlock	(II)
Default Setting Selection	(Start)-	(III)

Remote-Pager Programming Menu Options

Programming Menu #1 (Door Lock Options)

	Feature	Factory Default Setting - Button I	Optional Setting - Button II
1-1			
1-2	Door Lock / Unlock Pulse Duration	0.8 sec	2.5 sec
1-3			
1-4	Driver's Priority Unlock	OFF	ON
1-5	Double Pulse Unlock	OFF	ON
1-6	Dome Light Factory Rearm	OFF	ON
1-7			

Note

- 1-4** This feature unlocks the driver's side door lock with the first unlock pulse.
A second unlock pulse is need to unlock the rest of the car doors.

Important! In order for this feature to operate, the installer must use the 2nd Unbck Wire (Or/Bk wire of Connector 4). Isolate the driver's door actuator from the rest of the other doors. Call us for the technical support if you are not sure about this.

Programming Menu #2 (Security Options)

	Feature	Factory Default Setting - Button I	Optional Setting - Button II	Programming Method
2-1	Cold Start with Temp Sensor	OFF	ON	Remote controller
2-2	Timer Start or Minimum Interval between Cold Starts	3 Hr	1.5 Hr	
2-3	Passive Arming	Passive Locking, too	No Passive Locking	
2-4	Anti-jacking	OFF	ON	
2-5	Ignition Controlled Door Lock	OFF	ON	
2-6	Aux 1 Output	0.5 Sec	Latch	
2-7	Aux 2 Output	0.5 Sec	Latch	
2-8	Siren Duration	30 Sec	60 Sec	

	Feature	OFF	ON	Programming Method
2-9	Channel Expander	Non using of Channel Expander module	Using of Channel Expander module	Option Programmer (CM3 -Series)
2-10	Passive Arming with the Channel Expander	When Option 2-9 is on		
		Non using of Passive Mode with remote	Using of Passive Mode with remote	

Note

2-4 With this option, Panic mode becomes Anti-Jacking mode.
The differences between Panic mode and Anti-Jacking mode are :

	Panic Mode	Anti-Jacking Mode
Button	IV for 2 seconds	IV for 2 seconds
Siren	1.5 minutes	1.5 minutes
Installation required	Starter-Kill	Ignition-Kill
Starter Kill	Activated immediately	N/A
Ignition Kill	N/A	Activated immediately if key is not on. If key is on, activated in 30 seconds after pressing the Button IV

2-5 With this option, the doors will lock after the ignition is turned on and unlock when the ignition is turned off.

2-6 & 2-7

You can program the duration between 1 to 99 seconds.
You can program the "Latch Mode" also.

Setting		2-9	
		Off	On
2-6	off	Pluse	1-99, Latch
	on	Latch	
2-7	off	Pluse	1-99, Latch
	on	Latch	

2-9 If you need more than 2 Aux outputs, you can interface the CM3000 with Channel Expander for 7 Aux outputs. If you take this Channel Expander option and you turn on the Passive setting of the Nu4000R, the four buttons of the Nu4000R operate these 7 outputs instead of normal button functions such as arm/disarm or start/stop. Refer to the manual of the Channel Expander.

2-10

If you take the Channel Expander option of 2-9, the Passive setting of the remote will change the button functions to operate of the Channel Expander. The Passive setting of the remote will no longer work as the Passive Arming function. Therefore, if you need both Channel Expander and Passive Arming function, you need to choose this option.

Setting AUX No.	2-9		
	On		off
	Access to passive mode through a remote		
	Non setting of passive mode	Setting of passive mode	
AUX 1	Button II	Button I	Button II
AUX 2	Button III	Button II	Button III
AUX 3		Button III	
AUX 4		Button IV	
AUX 5		Button II-	
AUX 6		Button III-	
AUX 7		Button IV-	
Output	All outputs are connecting with Channel Expander through AUX1.		AUX 1, AUX 2

Adjusting the Car Siren Volume:

In order to decrease the chirping volume of the siren, cut the loop located on the siren.

Adjusting the Shock Sensor Sensitivity:

In order to the shock sensor sensitivity, turn the screw located on the sensor clockwise. In order to decrease the sensitivity, turn the screw located on the sensor counter-clockwise. Turning the screw just a small amount can make a big difference so make sure you recheck the sensitivity after each adjustment.