

Compustar A Controllers

INSTALLATION GUIDE

CM3300

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A Controllers

By Firstech, Inc.

Website: www.compustar.org

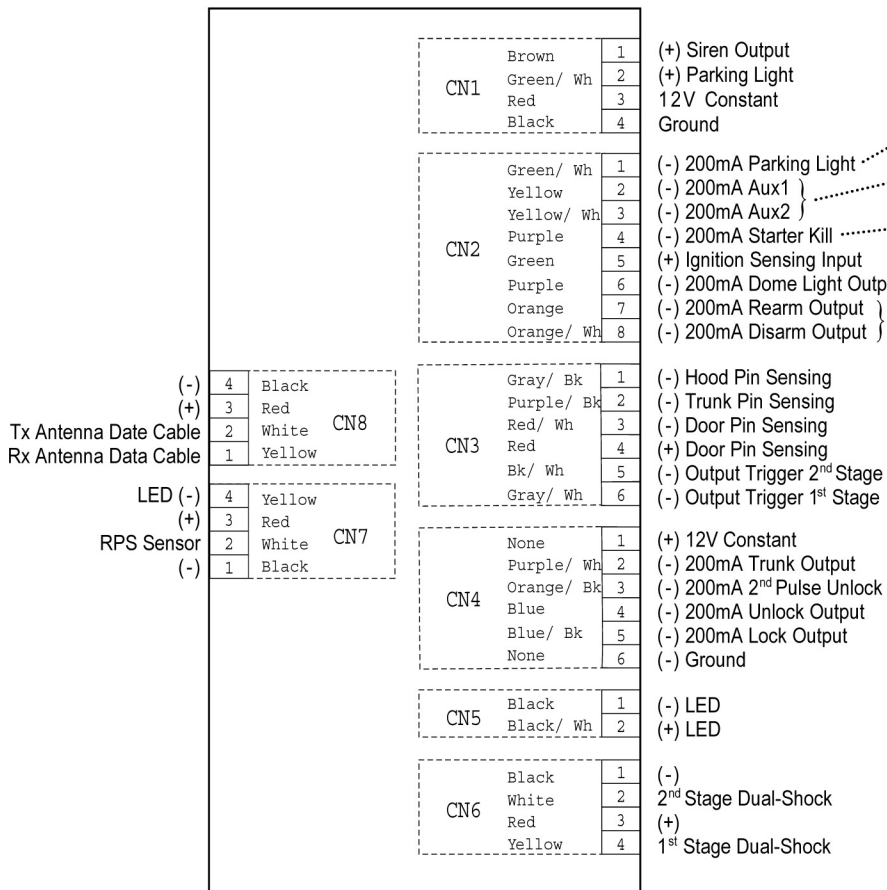
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Wiring Diagram



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

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

Starter Kill supplies a negative 200mA 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 Purple 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.

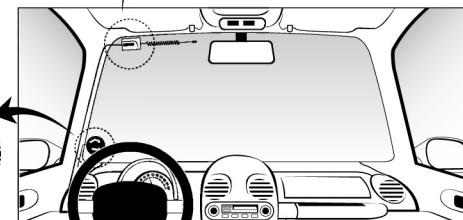
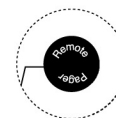
The sequence for the Rearm pulse : pulse when armed (locked).
The sequence for the Disarm pulse : a pulse when disarmed(unlocked).

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.

RPS



AM Antennas

The above illustration is for FM or SS antennas only. The AM antennas should be attached horizontally back side of the rear-mirror for the best performance.

Option Programming for Four Button Remotes

- Step 1 :** 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+IV)** simultaneously for 2 seconds. The car will chirp once and a one-time flash of the parking light will confirm step 1.
- Step2:** Press Button **III** three times. This is confirmed by a single chirp and parking light flash each time you press Button **III**. With in a few seconds, the car will chirp and parking lights will 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 additional 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 (Auto-Start and 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

1-1 Some vehicles such as a Mercedes-Benz and the Lexus ES300, require you to unlock the car to disarm the factory alarm before remote starting the vehicle. Activating this feature will unlock the vehicle for a brief second in order to disarm the factory alarm before auto-starting the vehicle remotely, then, lock after starting.

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 Unlock Wire (Or/Bk wire of Connector 4). Isolate the driver's door motor 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
2-1			
2-2			
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

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

Note

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

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

Limited Lifetime consumer Warranty

Firstech, Inc Warrants to the original purchaser that this product shall be free of defects in material and workmanship under normal use and circumstances for the period of time that the original owner of this product owns the vehicle in which it is installed; except that the remote controller unit for the period of one year from the date of installation to the original owner of this product. When the original purchaser returns the product to the retail store where it was purchased or prepaid postal to Firstech, Inc., 801 E. 82nd Ave Suite 1 Anchorage, Alaska 99518, USA within the warranty period, and if the product is defective, Firstech, Inc, will at its option repair or replace such.

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