

Millennium FX
Car Monitoring System
(Model CM-3000)

This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

Caution: Any changes of modifications in the construction of this device, which are not expressly approved by the party responsible for compliance, could void the user's authority to operate the equipment.

PRODUCT INFORMATION

Car Monitor (Millennium FX) is your complete solution to provide you with live monitoring and surveillance for your vehicle. There is no more guessing what happens to your car while shopping, working, or just at home.

- A small and innovative hand pager (that can be carried in the supplied belt clip, or in your pocket or handbag), will instantly alert you should your parked vehicle be violated. The alert is selectable, from either a series of audible tones or a silent vibration mode. The LCD display on the pager accurately monitors doors open/closed status, hood and trunk open/closed status, and hard impacts to your vehicle. It also advises whether the vehicle's engine has been started.
- The high tech display is back lit, and also indicates other useful information such as whether or not you are within the effective range of the system, the current time, a reminder alarm, alert mode selection, low battery, and more.

The Millennium FX Car Monitor uses FM and other new technologies making it suitable for any make and model vehicle with or without an existing car security alarm. The unit provides the highest performance, highest quality, and longest service distance (Range depends upon local Radio Frequency interference). The Car Monitor is also ideal for vehicles fitted with factory keyless or security systems by effectively increasing the level of security.

User's Guide

MONITORING YOUR VEHICLE

Your pager will immediately alert you of a violation to your vehicle. A audible tone or vibration will be emitted, and a visual icon will display on the LCD Screen.

Trigger Zones:

Door Open / Closed Status

Engine Start

Impact Status (Pre-warn Zone and full trigger, depending upon the existing security system)

Hood Open / Closed Status

Trunk Open / Closed Status

ON/OFF CONTROL:

1) As a stand-alone unit, the transmitter of Car Monitor will be automatically turned off 30 seconds after the vehicle's engine is started or the ignition is turned on.

2) When Car Monitor is installed with an existing security alarm, it is designed to be controlled, and automatically turned ON or OFF by the armed output wire. As soon as the vehicle is armed, the Car Monitor is turned ON.

INSTALLING THE CONTROL MODULE

****IMPORTANT****

NOTE: This unit includes polarity-learning trigger inputs. The system learns polarity 30 seconds after 12V power up. Be sure to CLOSE ALL TRIGGER ZONE BEFORE THE CM3000 LEARNS THE TRIGGER ZONES, otherwise it will operate in inversely. **EXAMPLE:** If the unit is installed on a vehicle with negative door triggers and the system learns the door trigger circuit with a door open, it will act like a positive door trigger system and alert the pager on the door closing instead of door opening. This applies to ALL trigger Zones: Hood, Trunk, Ignition On, Door, and Impact.

CODE LEARNING: (Steps 1 thru 3 must be done within 30 seconds of power up)

1. Power Up control module

Power the module as per the installation guide. All the wire harnesses should be connected, and. Make sure to close the door, the trunk and the hood of the vehicle to allow the unit to learn trigger input polarities. Do not turn Ignition on or Start the engine before this event happens.

2. Ground the Orange Armed Input wire or Activate Host Alarm System.

Attach the Orange input wire to ground to allow the pager to control module to activate.

3. Setting Code Learning Mode for the LCD receiver

Press and hold Button (⬇) more than 1 second or until you hear a short beep. Press Button (⬆) 4 times. The current time will change to (0:00), indicating the LCD receiver is in code learning mode and is communicating with the main control module.

4. Receiving ID Data

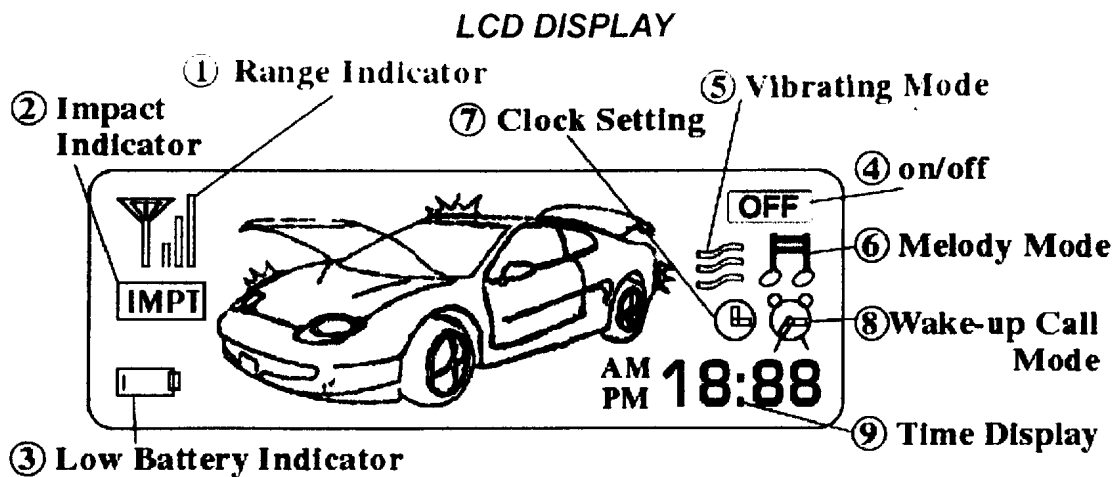
When ID data is successfully delivered to the LCD receiver, the time display changes to current time and LCD screen will be back to Standby Mode by emitting a confirmation song. The Out-of-Range icon will reappear at the left top corner of the screen to confirm that the operation is terminated.

5. Test Car Monitor

Arm the host alarm or turn Ignition off (Stand-alone). Wait for Range Icon to appear indicating the control module is armed and waiting to transmit. Open/Close the door, the hood, the trunk, start the vehicle etc. The violated zone should be displayed on LCD screen immediately as it occurs. If the LCD pager does not respond be sure it is turn on (Car Picture on Display) or repeat learning procedure repeating code learning steps.

Specifications:

Transmitter		Monitor	
RF Output Power	10mW	The number of code	65,550
Modulation	FM	Sensitivity	107dBm
Current Consumption:		Current Consumption:	
Standby Mode	13mA	Standby Mode	1mA
Active Mode	70mA	Active Mode	5mA
Power Source:	+12VDC	Power Source	1.5V Single AAA Alkaline
Dimension	91x70x30mm	Dimension	63x44x18.9mm
		Weight W. / Battery	60g
Auto On / Off	Negative Armed output or 30 sec. after Engine is started.	Auto On / Off	Same as left



Out-of Range Indicator:

The Out-of-Range icon (1) indicates that Car Monitor is within the operational range. The car monitor also uses an out of range alarm with silent or tone alert. Press Button (■) repeatedly until the antenna icon (1) starts flashing. Select ON or OFF by pressing Button (◄). Press Button (■) to confirm. When ON is set, Car Monitor will emit "beep" immediately in an Out-of Range Area. When OFF is selected, no sound will emit even in Out- of Range Area.

Low Battery Indicator

The low battery icon (3) flashes and emits a beep when the internal battery reaches a low level as a reminder to replace the AAA battery as soon as possible.

Resetting the Car Monitor

Press Button (■) once, and the symbol (Off) will be flashing. Press button (◄) to confirm the OFF mode. Car picture will disappear. Wake-Up alarm and Current Time displays will still remain functional.

Vibrating Alert Mode

The vibration alert icon (5) appears when the Car monitor is in vibration (Silent) alert mode. To set this mode, Press Button (■) repeatedly until the Silent mode icon starts to flash. Press Button (◄) to confirm Vibrating Alert Mode. The unit will vibrate for one second to confirm selection.

Audible Tones Mode

The audible alert icon (6) appears when the Car monitor is in audible alert mode. To set this mode, Press Button (■) repeatedly until the Audible mode icon starts to flash. Press Button (◄) to confirm Audible Alert Mode. The unit will beep to confirm selection.

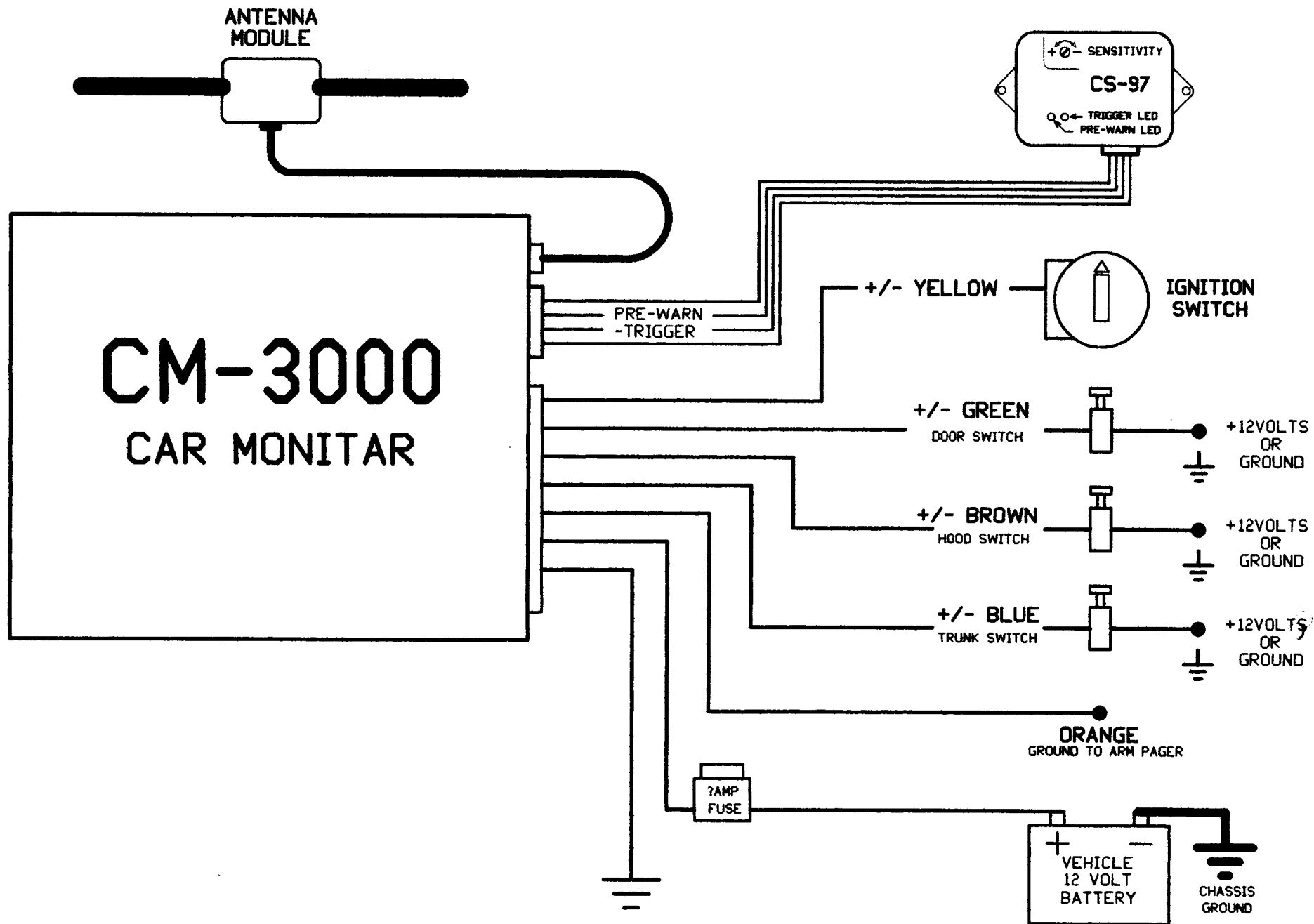
Setting Current Time of Day

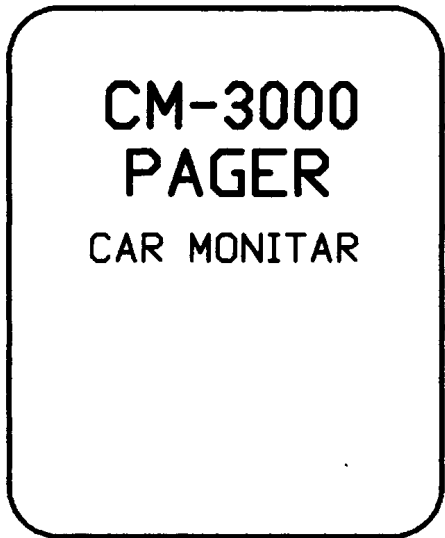
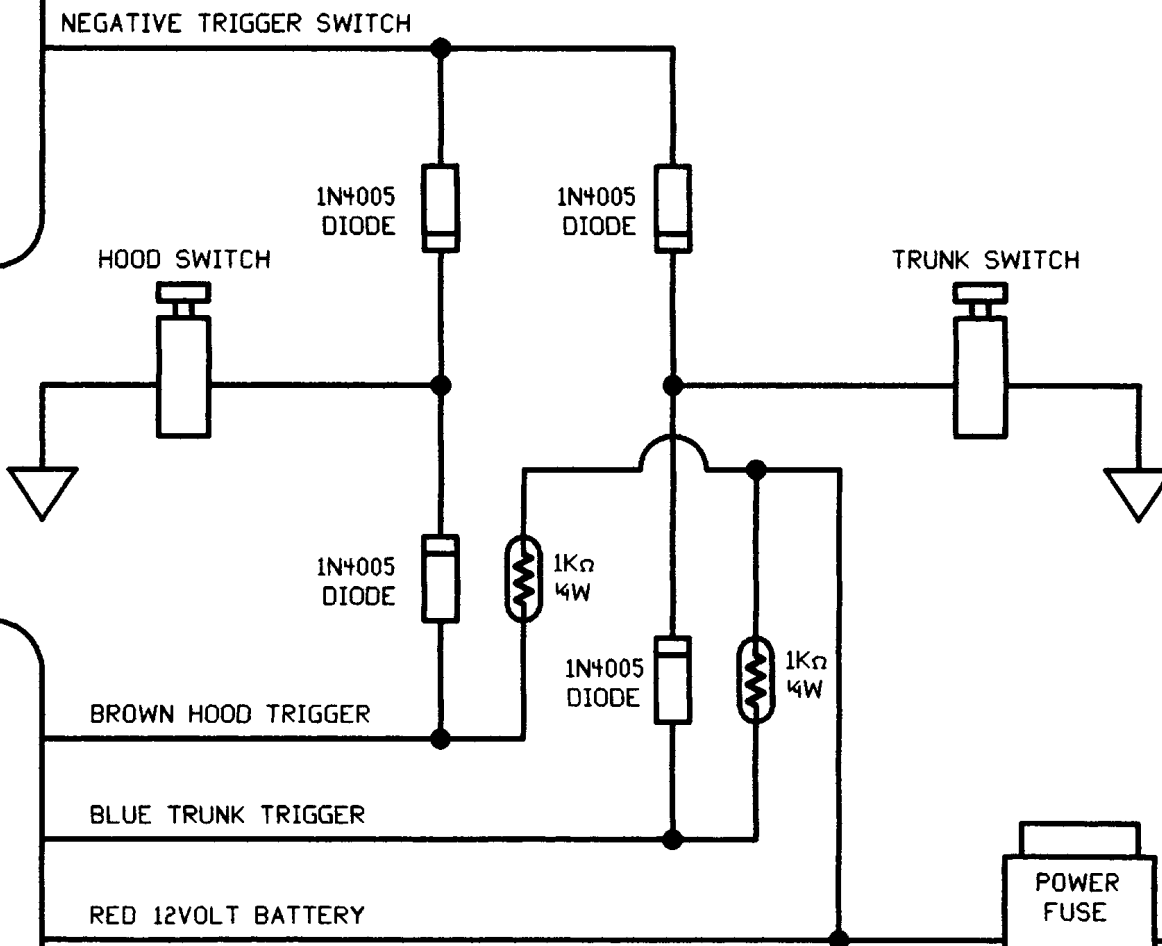
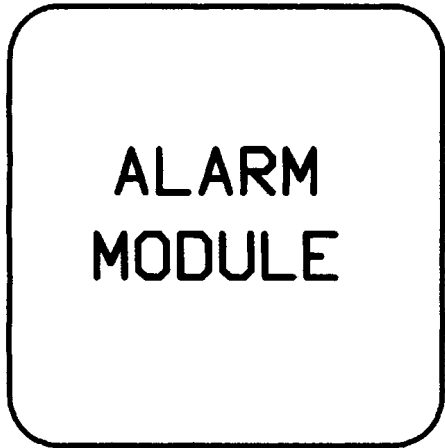
Press Button (■) repeatedly until the time of day display (7) starts flashing. Press Button (◄) to select Time Setting Mode. Change the Hour, Minute and AM / PM increments by pressing Button (◄). To toggle through to the next settings, press Button (■).

Setting Alarm Clock

Press Button (■) repeatedly until the alarm icon (8) starts flashing. Press Button (◄) to select the Alarm clock mode. Change On / Off by pressing Button (◄). Press Button (■) turn the alarm clock ON or OFF. Follow the same procedure to enter the alarm time data as Setting the time of Day clock.

CRIMESTOPPER SECURITY PRODUCTS INC.





CRIMESTOPPER

Millennium FX Car Monitor CM-3000/CM-3001

****Addendum to Instructions****

POLARITY LEARNING:

The Millennium FX Car Monitor has polarity-learning trigger inputs. (DOOR/HOOD/TRUNK) The system learns (reads) polarity 30 seconds after 12V power up. Once you initially power the unit up, be sure to CLOSE ALL TRIGGER ZONES and be sure SHOCK SENSOR IS NOT ACTIVE. WAIT AT LEAST 30 SECONDS FOR THE CM3000/3001 TO READ TRIGGER ZONE POLARITIES BEFORE TESTING THE SYSTEM. If any trigger zones are open when it reads them, they will operate in the opposite way. EXAMPLE: If the unit is installed on a vehicle with negative door triggers and the system learns the door zone with a door open, it will act like a positive door trigger system and alert the pager on door closing instead of door opening. This applies to trigger Zones: Door, Trunk, and Ignition On.

AFTERMARKET HOOD / TRUNK PIN (STAND ALONE INSTALL):

If you are installing Car Monitor by itself [no host alarm] with an Aftermarket Grounding pin switch for the BLUE trunk wire input or the BROWN hood wire input, you must add a 10K pull-up resistor to a +12-Volt lead. This will allow the Car Monitor to see 12 Volts on the trigger wire when closed so the polarity will be Negative for that zone. See diagram below.

