Crime Guard
Keyless Entry and Security®

OPERATION MANUAL

850i³

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ABOUT YOUR NEW CRIME GUARD SYSTEM

Congratulations on your purchase of a new Crime Guard security and remote starting system. Crime Guard systems combine the benefits of easy-to-use convenience with "no nonsense" protection of person and property. *Please review this guide to become familiar with your Crime Guard vehicle security and remote starting system.* To operate your system, the three principal components are first described: the Remote Control Transmitter, the Status Indicator Light, and the Valet Switch.

The Remote Control Transmitter: Your system comes with two pre-learned remote controls, or "transmitters", and is capable of being operated by as many as four transmitters. The transmitter has four buttons: one is marked with a "lock" graphic, one is marked with an "unlock" graphic, and the remaining two buttons are marked "II" and "III".

Every transmitter has its own unique, invisible electronic "code". Each time the transmitter is used, this code randomly changes, effectively protecting your system against "code grabber" devices, like those used to copy cellular phone security codes. Another exclusive patented feature, Automatic Transmitter Verification (ATV™), ensures that only your transmitters operate your system, and is explained on page 23. These features, and many others, ensure that Crime Guard systems are the most secure vehicle security systems available.

The Status Indicator Light: The multicolored Status Indicator Light reports the status of the system at all times, and also serves as a visual deterrent to break-ins and theft. In addition, the Status Indicator Light is part of the ATV™ visual display, and is also used for the Alarm Memory Recall feature. Specific description of the Status Indicator Light is on pages 20-21.

The Valet Switch: The Valet Switch has three main functions:
1- The Valet Switch can be used to turn off the security and/or starting operation of the system, including the Last Door Arming feature (if used). This is referred to as "placing the system into Easy Valet Mode".
2- The Valet Switch can also be used, in conjunction with the vehicle's ignition key, to perform an emergency disarming of the security system in the event the transmitter is lost or becomes inoperable. This is referred to as "performing an Emergency Override".
3- The Valet Switch is used in the procedure of programming operational features and also for encoding transmitters to the system.

USING YOUR CRIME GUARD SYSTEM

Your new Crime Guard security system is designed to deter theft of both your vehicle and its contents. **Arming** the system turns on the protection operation, disables the vehicle's starter and locks the doors provided an interface is installed. Once the system is **Armed**, any intrusion attempt will **Activate** it, sounding the siren and flashing the lights to attract attention. **Disarming** the system turns off the protection, allowing normal use of the vehicle.
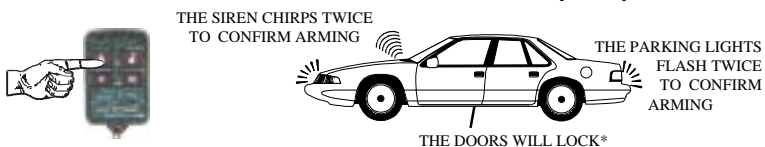
There are two methods of Arming the security system:
1- The first method is to use the transmitter, by pressing and releasing its "Arm/Lock" button. The system must not already be in Easy Valet Mode (page 18), and the vehicle's ignition switch must be off. Each press of the "Arm/Lock" button arms the system, even if it is armed to begin with.
2- The second method is Last Door Arming, which configures the system to automatically arm every time you exit the vehicle. This method of arming is programmable, and may be used or not used as desired.

REMOTE ARMING BY TRANSMITTER

<u>To Arm the System:</u>
Press & Release the "Arm/Lock" Button (🔒)

THE SIREN CHIRPS TWICE
TO CONFIRM ARMING

THE PARKING LIGHTS
FLASH TWICE
TO CONFIRM
ARMING

THE DOORS WILL LOCK*

<u>To Silently Arm the System:</u>
Press & Release the "Auxiliary Output #2" Button (II) <u>Twice</u>

Silent Arming and Silent Disarming are both operated
by double-pressing the same transmitter button.

2 X

THE PARKING LIGHTS
WILL FLASH TWICE

THE DOORS WILL LOCK*
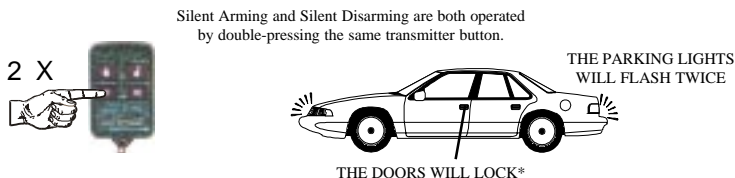
* An optional doorlock interface must be installed

Upon Arming:
- The siren will chirp twice (or four times if a zone is bypassed) <u>unless</u> the silent arming procedure is followed.
- The parking lights will flash twice (or four times if a zone is bypassed).
- The doors will lock.*
- The starter interrupt will engage.
- The Status Indicator Light will begin to flash slowly in Red.

Three seconds after arming, the security system becomes fully armed, and will activate to an alarm condition should an intrusion attempt be detected. Further transmitter operations and options are discussed on page 13.

* An optional doorlock interface must be installed

Arming Bypass:

When arming the system using the transmitter, if any protected zone or sensor circuit is in a violated condition, the affected zone or circuit will be automatically bypassed. This is "Arming Bypass", which allows the system to still arm and protect the other normal, non-violated zones. In the case of a bypassed zone or circuit, should the violated condition return to normal, 5 seconds after becoming normal the system restores protection to the previously bypassed zone or circuit.

If the hood and trunk zone, or sensor circuit is bypassed when the system is armed, instead of the normal arming confirmation the siren will chirp four times and the parking lights will flash four times to alert you. However, if a door zone is bypassed, the siren and light confirmation will be the normal two chirps and flashes, as many vehicles are equipped with a delayed interior light illumination. In these vehicles, the interior light delay would typically cause the system to indicate a bypass if the system is armed during the delay. In these cases, the arming indication is normal, and the door zone is protected by the system five seconds after the interior light turns off.

LAST DOOR ARMING BY EXITING THE CAR

Last Door Arming:

Last Door Arming is a programmable feature which configures the system to arm itself without the need of a command from the transmitter. This convenient feature offers a high level of security and may entitle the vehicle owner to an insurance discount since the user does not need to remember to arm the system each time the vehicle is exited.

The Last Door Arming feature may be coupled, if desired, with the automatic locking of the vehicle's doors when the system arms itself.*

The Last Door Arming process:

1- When the vehicle's ignition has been turned off, the system waits until a door is opened. When the door is closed, or when the last door is closed when more than one door is opened, the siren will chirp twice, the parking lights will flash twice, and the Status Indicator Light will begin flashing Red rapidly. The Last Door Arming countdown has begun.

2- Thirty seconds later the siren will again chirp twice, the parking lights will again flash twice, the starter interrupt will engage, and the Status Indicator Light will begin flashing Red slowly. If programmed, the vehicle's doors will also lock.* Three seconds after these actions occur, the system is fully armed.

Notes:

- If a door is reopened during the thirty second period between the first and second set of double chirps, the countdown will stop and reset. When the reopened door is closed again, the 30 second countdown starts over again at the beginning.

- Last Door Arming is separate from, and does not effect the operation of arming by using the transmitter.

- All protected points must be closed or otherwise in a non-violated state for the Last Door Arming sequence to start. Unlike active arming from the transmitter, the system can not bypass an open or detected zone and arm itself.

To temporarily prevent the system from arming itself:

- Place the system in Easy Valet Mode using the Valet Switch (page 18).
- Leave a vehicle door open. Although this varies depending on the vehicle, in many cases turning on the interior light will be detected by the system as an open door.
- Although the system will not Last Door Arm while the ignition is on, leaving the ignition key turned on without the engine running is not recommended.

* An optional doorlock interface must be installed

SYSTEM ARMED & ACTIVATED

While the system is in the Armed state:
• The Status Indicator Light will be flashing slowly Red to confirm that the system is armed, and also serve as a visual deterrent.
• The starter interrupt circuit is engaged.
• Protected zones are being monitored for intrusion attempts.

Should an activation into the alarm condition occur:
• The changing-tone electronic siren will loudly sound.
• The parking and interior lights will flash.
• The doors will lock,* regardless of their locked or unlocked status. This feature is unique- if the system detects that a door is opened, it waits until the door is closed before relocking it, denying the thief reentry.

    An activated alarm condition has a duration of 60 seconds (30 is optional) unless the system is disarmed using the transmitter or the Valet switch. If all protected zones are secure at the end of the alarm condition, the system will stop and rearm automatically, ready to detect another entry attempt. If a protected zone is still violated at the end of the alarm condition, the system will reactivate for up to two additional alarm cycles. After the third alarm cycle the system will automatically rearm and bypass the open zone until that zone returns to a normal "non-violated" state.
• Once the system resets after it has been activated, upon disarming the audible and visual confirmation will change to indicate the activation. This is the "Activation Alert", which is explained on pages 9 and 20.

* An optional doorlock interface must be installed

DISARMING THE SYSTEM

There are three methods of Disarming the security system:
1- The first method is to press and release the transmitter's "Disarm/ Unlock" button to disarm the system. This is the normal method.
2- The second method is to press and release the transmitter's "II" button twice within 5 seconds. This is "silent Disarming".
3- The third method is for emergencies, should the transmitter become lost or inoperable. This is the "Emergency Override", and uses the ignition key and Valet Switch.

REMOTE DISARMING BY TRANSMITTER

To Disarm the System:
Press & Release the "Disarm/Unlock" Button (🔓)
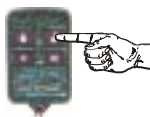
THE SIREN WILL CHIRP ONCE TO CONFIRM DISARMING

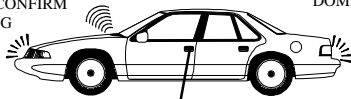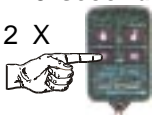THE PARKING AND DOME LIGHTS WILL ILLUMINATE TO CONFIRM DISARMING

THE DOORS WILL UNLOCK*

With Driver's Door Priority, again Press & Release the "Disarm/Unlock" Button (🔓) to unlock the remaining doors

To Silently Disarm the System:
Press & Release the "Auxiliary Output #2" Button (II) Twice within 5 seconds

Silent Arming and Silent Disarming are both operated by double-pressing the same transmitter button.

2 X

THE PARKING AND DOME LIGHTS WILL ILLUMINATE TO CONFIRM DISARMING

THE DOORS WILL UNLOCK*

Upon Disarming:
- The siren will chirp once (or three times if an alarm activation occurred) <u>unless</u> the silent disarming procedure is followed.
- The parking and dome lights will illuminate for 30 seconds (5 seconds is optional) unless the vehicle's ignition is turned on. If the system has been activated, the parking lights will flash 3 times before illuminating.
- The doors will unlock, either all doors or driver's door only.*
- The starter interrupt will disengage.
- The Status Indicator Light will show one of these features or conditions:
  -Flashing Red rapidly = Automatic Rearming feature is in progress.
  -Off = System disarmed (Automatic Rearming feature not selected).
  -Flash Red /Pause = Indicates violated zone if system has been activated.
- *** An optional doorlock interface, in either standard form or driver's door priority form, must be installed**

Safety Disarm Feature:
Pressing and releasing the "Disarm/Unlock button while the system is activated in the alarm condition will disarm the system, but the doors will remain locked. This is the "Safety Disarm" feature, which allows the vehicle to remain secure, even though an activated system has been disarmed.

Safety Disarm will also cancel Automatic Rearming (if it is programmed to operate). This feature is also very useful when the vehicle is exposed to environmental conditions, such as storms, trains or heavy vehicles, which may cause false activations.

Safety Disarm is a temporary "one time" operation which occurs only while the system is activated. To remotely unlock the doors after a Safety Disarm, simply press the "Disarm/Unlock" button again.

Activation Alert:

If the system experiences an alarm condition and resets itself, upon disarming the siren will chirp three times and the parking lights will flash three times instead of the normal one chirp and one light flash. Additionally, the Status Indicator Light will be flashing a "Zone Violation Code". When the alarm condition activation occurred, the Status Indicator Light changes from flashing slowly to flashing one to four times between pausing to indicate which protected zone was violated.

- The Zone Violation Code will continue to be displayed until the vehicle's ignition is turned on.
- The Status Indicator Light will display the Zone Violation Code in place of fast flashes indicating Automatic Rearming.
- Should the system be rearmed before the ignition clears the Zone Violation Code memory, the Status Indicator Light shows the normal slow flashing.
- The system can store up to two consecutive Zone Violation Codes. If more activations occurred, the two most recent codes are displayed.

Automatic Rearming:

Automatic Rearming is a programmable feature which ensures that your system is never inadvertently disarmed. It is possible to accidentally or unknowingly operate the transmitter from a pocket or purse. You may not even be aware of an accidental disarming due to the enhanced operating distance offered by the Extended Range Transmitter.

How It Works:

Whenever the system is disarmed by the transmitter, this feature starts a 90 second countdown, which is indicated by a rapidly flashing Red Status Indicator Light. During this 90 second period, if no protected entry points are opened and the vehicle's ignition is <u>NOT</u> turned on, the system will automatically arm itself at the end of the countdown. If desired, the system can also be programmed to automatically relock the doors when this occurs.

Automatic Rearming Notes:
- Turning the vehicle's ignition on cancels Automatic Rearming.
- Opening a door will suspend the 90 second countdown.
- All protected zones must remain non-violated during the 90 second Automatic Rearming period. For example, if a vehicle door is opened during the 90 second period, the countdown will stop. When the door is closed, the system resets and starts a new 90 second countdown period.
- The Automatic Rearming sequence is indicated by a fast flashing Red Status Indicator Light, unless the system has been activated, in which case an Alarm Condition Memory Recall code will flash instead (page 20). The ignition switch must be turned on to erase a violation code.
- If the system is disarmed while it is activated (siren sounding and lights flashing) Safety Disarm will cancel the Automatic Rearming for that disarming operation only. The next time the system is armed, Automatic Rearming will be initiated upon the subsequent disarming.

DRIVER'S DOOR PRIORITY UNLOCKING (Requires special installation)

To Disarm the System & Unlock the Driver's Door:

***First*, DISARM normally: Press & Release the "Disarm/Unlock" Button ( )**

THE SIREN WILL CHIRP ONCE TO CONFIRM DISARMING

THE PARKING LIGHTS WILL ILLUMINATE TO CONFIRM DISARMING

THE DRIVER'S DOOR WILL UNLOCK

Then, Press & Release the "Disarm/Unlock" Button ( ) again to Unlock the remaining doors.

THE SIREN WILL CHIRP ONCE TO CONFIRM UNLOCKING OF THE REMAINING DOORS

THE PARKING LIGHTS WILL ILLUMINATE TO CONFIRM UN-LOCKING

THE REST OF THE VEHICLE'S DOORS WILL UNLOCK*

* An optional doorlock interface must be installed

Notes:
- There is no time limitation for the second pressing of the "Disarm/Unlock" button. Once the button is pressed and released to Disarm the system, every subsequent pressing of the "Disarm/Unlock" button will produce the "unlock all doors" output, the single siren chirp and parking and dome light illumination period. When the system is next armed, by any of the three methods, the operation is reset so the next use of the "Disarm/Unlock" button will result in the system Disarming and producing the "unlock driver's door only" output.
- When disarming a system configured for Driver's Door Priority, the user has the option of Silent Disarming (by pressing twice the Auxiliary Output #2 button), and then pressing the "Unlock/Disarm" button. When the remaining doors unlock, the system will chirp the siren once.

DISARMING BY EMERGENCY OVERRIDE

Emergency Override:

In the event that your transmitter is lost, damaged, or its batteries have become exhausted, the Valet Switch and the vehicle's ignition key may be used to disarm the system.

To Disarm the System without using a Transmitter:

Step 1. With the system in the armed condition, enter the vehicle via the driver's door (be aware that the system will activate to an alarm condition when the door is opened).

Step 2. Using the ignition key, turn the vehicle's ignition on.

Step 3. Within 5 seconds, press and release the Valet Switch once. The system will disarm.

ENTER THE VEHICLE
AND USE YOUR KEY TO
TURN THE IGNITION ON

WITHIN 5
SECONDS OF
TURNING THE
IGNITION ON,
PRESS AND RELEASE
THE VALET SWITCH

THE SYSTEM WILL DISARM
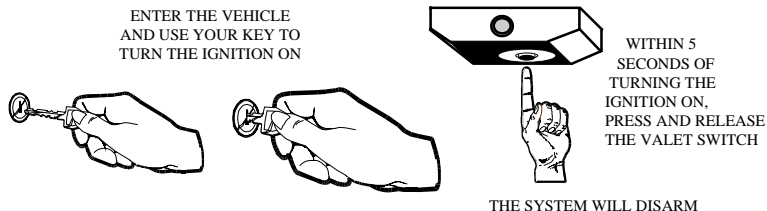
A procedure which separate, but similar, to an Emergency Override is the Easy Valet mode (page 18), which prevents the system from performing any automatic arming operations which may be programmed to occur.

ENHANCED REMOTE PANIC

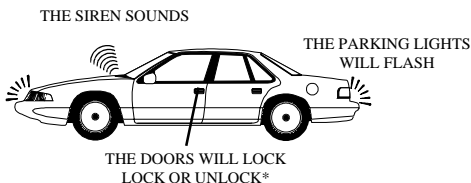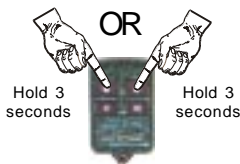## To Activate "Enhanced Remote Panic":

Press & <u>Hold for 3 Seconds</u> the "Arm/Lock" Button (🔒)
<u>OR</u> the "Disarm/Unlock" Button (🔓)

OR

Hold 3 seconds   Hold 3 seconds

THE SIREN SOUNDS

THE PARKING LIGHTS WILL FLASH

THE DOORS WILL LOCK
LOCK <u>OR</u> UNLOCK*

"Enhanced Panic" allows you to activate Remote Panic from either the "Arm/Lock" button or "Disarm/Unlock" button; the former locks the doors and the latter unlocks the doors when Remote Panic is activated.

To Deactivate Panic:
Press & Release either button

Deactivating Remote Panic from the "Arm/Lock" button results in the system being in the Armed state with locked doors. If the "Disarm/Unlock" button is used to deactivate Remote Panic the system will be in the Disarmed state, with unlocked doors.

Upon Activating Panic:
• The electronic siren will sound.
• The vehicle's exterior parking lights will flash.
• The vehicle's doors will unlock.*

- The Panic feature is designed for situations in which the user feels threatened and/or a need to attract attention.
- Panic can be activated anytime, whether the vehicle's ignition is turned on or off, and has a 60 second duration (30 seconds is optional) unless it is deactivated using the remote control.
- At the end of the Panic cycle the system will reset, enter the armed state, and lock the doors.*

* The doorlock interface must be installed. If the vehicle has been configured for Driver's Door Priority, Panic will unlock the driver's door.
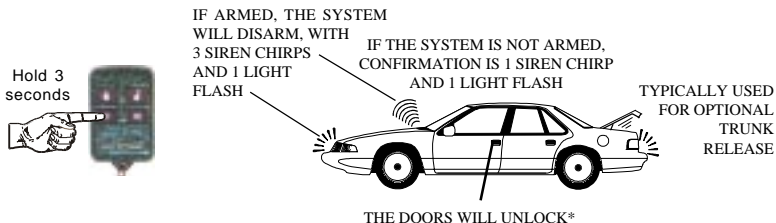
OTHER TRANSMITTER OPERATIONS

The previous sections have described the basic everyday operations of your Crime Guard system. The transmitter is also capable of operating several other optional functions which are explained in this section.

Two auxiliary outputs are available for use (the primary output Arms and Disarms the system). The second output, Auxiliary Output #2, is also capable of Disarming the system; thus it is ideally suited for remote trunk release. Operating Auxiliary Output #2 will also unlock the doors* when it Disarms the system, should it be armed. If desired, the unlocking of the doors and disarming of the system may be programmed to not operate. The final output, Auxiliary Output #3 cannot affect the armed or disarmed status of the system, nor unlock the doors as part of its operation.

To Activate Auxiliary Output #2:

Press & Hold for 3 Seconds the "Auxiliary Output #2" Button (II)

Hold 3 seconds

IF ARMED, THE SYSTEM WILL DISARM, WITH 3 SIREN CHIRPS AND 1 LIGHT FLASH

IF THE SYSTEM IS NOT ARMED, CONFIRMATION IS 1 SIREN CHIRP AND 1 LIGHT FLASH

TYPICALLY USED FOR OPTIONAL TRUNK RELEASE

THE DOORS WILL UNLOCK*

To Activate Auxiliary Output #3:

Press & Hold for 3 Seconds the "Auxiliary Output #3" Button (III)

Hold 3 seconds

Hold 3 seconds

EXAMPLES:
CAN OPERATE OPTIONAL CAR STARTER MODULE

CAN OPERATE OPTIONAL WINDOW ROLL-UPS
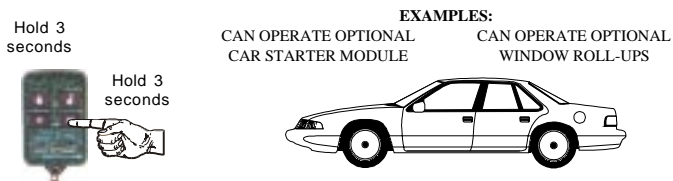
* An optional doorlock interface must be installed

Auxiliary Output Notes:
- Auxiliary Output #2 may be activated anytime, provided the vehicle's ignition is off. While the ignition is on, the Auxiliary Output #2 can be operated as long as a vehicle door is open; this prevents the output from being accidentally activated while driving.
- If feature #7 is programmed to have the Auxiliary Output #2 disarm the system, the doors will unlock when it is activated; and there is an audible and visual confirmation: 3 siren chirps and one light flash if the system also disarms, and one chirp and light flash otherwise.
- Auxiliary Output #3 may be activated at any time, regardless of the ignition being on or off, and regardless of the security system's status.
- Auxiliary #3 has no audible and/or visual confirmation.

* An optional doorlock interface must be installed. When Auxiliary Output #2 is operated, all of the doors will unlock, even if the vehicle is configured with Driver's Door Priority.

GLASS BREAKAGE & 2-ZONE IMPACT SENSOR

Sensors: The Crime Guard 850i³ security system is equipped with a Glass Breakage and Dual-Zone Infrasonic Impact Sensor to increase the effectiveness of the system. The impact sensor is just one in a comprehensive line of available sensors. Other available options are: piezo shock sensors, and microwave/radar sensors which can detect objects in motion both inside and outside the vehicle.
- The Crime Guard 850i³ control module features dual auxiliary sensor ports, which easily allows the addition of a further optional sensor.
- If desired, the sensor zone only can be bypassed when the system is armed with the transmitter, but leaving the other protection zones in place. This feature is convenient when environmental factors, such as hail or thunder storms, may lead to the system being activated erroneously.

Prewarning Detection Circuit: When the sensor's prewarn zone is violated the security system will respond by chirping the siren three times and relocking all of the doors.* If the prewarn circuit is triggered five times while the system is armed, the circuit will automatically shutdown until the security system is disarmed and armed again.
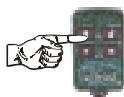- Prewarning operates from the Infrasonic Impact Sensor only.

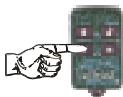*** An optional doorlock interface must be installed**

REMOTE SENSOR BYPASS

To Activate Remote Sensor Bypass:

Press & Release the "Arm/Lock" Button (🔒) to Arm, then Press & Release the "Auxiliary Output #2" Button (II)

THE SIREN WILL CHIRP TWICE TO
CONFIRM ARMING
THE SIREN THEN CHIRPS ONCE
TO CONFIRM SENSOR BYPASS

THE PARKING LIGHTS
WILL FLASH TWICE
TO CONFIRM
ARMING

1   2
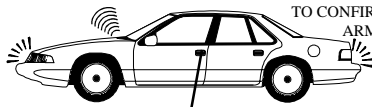
THE DOORS WILL LOCK
UPON ARMING*

Remote Sensor Bypass allows the option of "turning off" the sensor any-time the system is armed using the transmitter. When the sensor is by-passed, only the sensor zone is bypassed and all other protected zones will remain fully operational and vigilant. The sensor zone will reset to its nor-mal operation the next time the system arms.

* An optional doorlock interface must be installed.

REMOTE   ENGINE   STARTING

This unit is designed to be installed on automatic transmission vehicles only!

The remote engine starting feature should not be used when the vehicle is parked in an enclosed structure or garage!

Your Crime Guard 850i³ system offers the ultimate in comfort and convenience- remote engine starting. This feature allows the vehicle's interior to be warmed in the winter or cooled in the summer before you enter the vehicle. Simply leave the climate controls set to the desired settings when leaving the vehicle prior to using the remote starting feature. The following pages explain the remote engine starting operations.

To Activate Remote Starting:

Press & Release the "Arm/Lock" Button (🔒) <u>and</u> the "Disarm/Unlock" Button (🔓) together

AND

THE ENGINE STARTS

THE PARKING LIGHTS WILL ILLUMINATE*
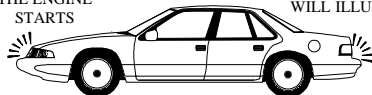
* FLASHING PARKING LIGHTS IS OPTIONAL

The remote starting operation is as follows:

1) Press and release the transmitter's "Arm/Lock" and "Disarm/Unlock" buttons. The system will respond first by rapidly flashing the Status Indicator Light Green, then by turning on the ignition and flashing the parking lights once.

2) The starter will engage until the engine runs; 10 seconds later the parking lights will illuminate steady during the period that the engine is running from being remotely started. (having them flash instead is an option).

The engine will run for 10 minutes (the factory-set period). A 20 minute setting may be programmed, if desired, by referring to the "Programming Features" section. Once the engine has been remotely started, to remotely stop the engine again press and release together the transmitter's "Arm/Lock" and "Disarm/Unlock" buttons. The system will stop the engine, and extinguish the parking lights.

- When leaving the vehicle before remote starting, remember to "Preactivate" the system for remote starting (see next page) and also to set the climate controls to the desired heating or air conditioning settings.
- If desired, the system's alarm function may be armed or disarmed as needed during remote start operations (the system must be disarmed before entering the vehicle).

Should the engine fail to start on the first attempt, the system will subsequently make as many as three further attempts, if needed. Please note that each starting attempt takes approximately 20 seconds for the system to check the vehicle's status, cycle the ignition and starter circuits, and then monitor vehicle status again before the next attempt.

Certain conditions will prevent the engine from remotely starting, or if remotely started already, will stop the running engine. These conditions are:
1) A pressed brake pedal.
2) The gear selector not being in the "park" or "neutral" position.
3) An open hood.

An open door will not prevent the system from starting the engine; if the engine has already been remotely started, opening a door will not stop the running engine, unless the system is armed. Opening a door with the engine running by remote control and the system armed will result in activating the system, which will stop the running engine.

If a start command is sent from the transmitter, but any of the following conditions are present, the system will not attempt to start the engine and will instead have a short sounding of the siren to indicate a violated safety circuit. The violated safety circuit conditions which can produce this indication are the gear selector not in the "park" position, an open hood or trunk, or a pressed brake pedal.

To drive the vehicle away after remote starting, disarm the system (if needed) open the door to enter the vehicle, insert the key into the ignition switch and turn the switch to "on" or "run" position (not "start"!). Then press the brake pedal or remove the gear selector from "park"; now the engine is no longer running from the system, but rather from the ignition key. To indicate this, the system will briefly sound the siren. Pressing the Valet Switch also turn off the system's running the engine, but without the violated safety circuit siren sounding.

Pit-Stop Feature: This feature allows you to turn off the ignition switch, remove your keys, leave the vehicle and lock your doors while leaving the engine running. To use this feature, have the engine running normally from the ignition switch, have the gear selector in "park", and your foot off of the brake pedal. Press the Valet Switch twice; the parking lights will flash once and the siren chirps 5 times; then turn the ignition off. The engine will remain running for the programmed run time, or it will turn off if another transmitter signal is received, a safety circuit is violated, or if the Valet Switch is pressed.

Remote Starting Preactivation Feature: "Remote Starting Preactivation" is a safety feature which requires that the user press and release the Valet Switch before exiting the vehicle when a subsequent use of remote starting is anticipated. If desired, this feature can be turned off.

EASY VALET & STARTING VALET MODES

The Valet Switch is in the Status Indicator Light/Valet Switch Assembly. The installer has the option of utilizing an additional, separate Valet Switch should a hidden Valet Switch location be desired. Please ensure that you and others who use your vehicle are aware of the location of the Valet Switch.

Easy Valet Mode: This allows you to turn off all of the "alarm" operations of the security system while retaining the remote convenience features such as keyless entry, Panic, and the Auxiliary Outputs. The system may only be placed into Easy Valet when it's disarmed; if armed, an Emergency Override must be performed before placing into Easy Valet Mode. Once the system is in Easy Valet Mode, it cannot become armed from the transmitter, Last Door Arming, or Automatic Rearming.

Although both operations use the Valet Switch, Easy Valet Mode and Emergency Override are two similar, but different procedures. Emergency Override disarms an armed and activated system, and requires the ignition key. Easy Valet Mode turns off the alarm operations of the *disarmed* system, but without the need of the ignition key.

Easy Valet Mode is designed for situations in which it is not convenient for the security portion of the system to be operational. For example: During extended stopovers for vehicle servicing, maintenance, valet parking, washing, etc.

Starting Valet Mode: This feature is similar to Easy Valet, but its purpose is turn off the remote starting operations of the system. The system may be placed into Starting Valet Mode and Easy Valet Mode independently, or into both modes at the same time. Please note that the only difference in obtaining either mode is whether or not the brake pedal is being pressed.

To enter Easy Valet Mode:

With the system disarmed, and without pressing the brake pedal, Press & Hold the Valet Switch for 2 seconds.
- The siren will chirp twice, the parking lights will flash twice and the Status Indicator Light will illuminate solid Red, then a series of Green flashes, then return to solid Red. The Green flashes, numbering from 1 to 6 times, is a remote starting diagnostic code (see page 21).
- To indicate that the system is in Easy Valet Mode, the Status Indicator Light stays solid Red whenever the system is in Easy Valet Mode.

- To remind the user that the system is in Easy Valet mode, the siren will chirp once every time the vehicle's ignition is turned off.

To Enter Starting Valet Mode:

With the system disarmed, and depressing the brake pedal, Press & Hold the Valet Switch for 2 seconds.
- The siren will chirp twice, the parking lights will flash twice and the Status Indicator Light will illuminate solid Green to confirm that the system is in Starting Valet Mode.
- There is no audible reminder that the system is in Starting Valet mode.

To Enter both Modes (Full Valet Mode):

With the system disarmed, Press & Hold the Valet Switch for 4-6 seconds with the brake pedal in both conditions. For example, start pressing the Valet Switch with the brake pedal unpressed; as soon as the two chirps are heard, press the brake pedal but do not release the Valet Switch. As soon as a second set of two chirps is heard, the Valet Switch may be released. The system is now in Full Valet Mode. It does not matter in what order the pressed or unpressed brake pedal occurs.
- Once the system is in Full Valet Mode the Status Indicator Light will slowly alternate Green and Red to confirm that the system is in Full Valet Mode. This indication is present whenever the system is in Full Valet Mode.
- There will be the single chirp reminder every time the ignition turns off. This is for the Easy Valet Mode part of the Full Valet Mode condition.

To Exit any of the 3 forms of Valet Mode:

Simply Press & Release the Valet Switch at any time.

- The Status Indicator Light will turn off to confirm exit from either Easy Valet mode, Starting Valet mode, or both.

Easy Valet Mode: WITH THE SYSTEM DISARMED, **AND WITHOUT DEPRESSING THE BRAKE PEDAL**, PRESS AND HOLD THE VALET SWITCH FOR 2 SECONDS
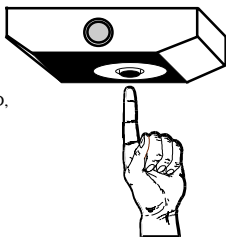
Starting Valet Mode: WITH THE SYSTEM DISARMED, **AND PRESSING THE BRAKE PEDAL**, PRESS AND HOLD THE VALET SWITCH FOR 2 SECONDS

Full Valet Mode: WITH THE SYSTEM DISARMED, PRESS AND HOLD THE VALET SWITCH **WITH AND WITHOUT DEPRESSING THE BRAKE PEDAL**. HOLD THE VALET SWITCH UNTIL 4 CHIRPS TOTAL ARE HEARD.

STATUS INDICATOR LIGHT

The Status Indicator Light visually confirms the status of the system and provides a high level of visual deterrence. Two colors are shown- Red for security operations, and Green for remote starting operations. Combinations of both colors are seen when the two operations are occurring together. The Status Indicator Light, which shares a housing assembly with the Valet Switch, is normally mounted in a location where it can be easily seen by the driver, as well as from outside the vehicle.

Security System Status: The Red colored operations of the Status Indicator Light indicate the status of the security system:

1) Off = The security system is disarmed and not performing automatic functions. The remote starter system is off and in standby mode.
2) On Red Constant = The security system is in the Easy Valet Mode, with the remote starter system off and in standby mode.
3) Flashing Slow Red = The security system is fully armed, with the remote starter system off and in standby mode.
4) Flashing Fast Red = Last Door Arming or Automatic Rearming is in progress, with the remote starter system off and in standby mode.

Automatic Transmitter Verification: For the first 10 seconds after the vehicle's ignition is turned on, the Status Indicator Light will flash Red a number of times that equal the number of transmitters that are capable of operating the system:

5) 1 Red Flash /pause = 1 transmitter is programmed.
6) 2 Red Flashes /pause = 2 transmitters are programmed.
7) 3 Red Flashes /pause = 3 transmitters are programmed.
8) 4 Red Flashes /pause = 4 transmitters are programmed.

Alarm Condition Memory Recall: If the system enters an alarm condition, the Status Indicator Light will stop flashing slow Red and begin to flash in sequence to indicate which protected zone caused the alarm condition. The Status Indicator Light will flash and pause to indicate which protected zone was violated while the system is still armed, after it's disarmed, and until the vehicle's ignition is turned on. The system's Alarm Condition Memory Recall circuit can store two consecutive zone violations. If there have been multiple violations, the Status Indicator Light will replay the two most recent violations in the order in which they occurred.

9) 1 Red Flash / Pause = System was triggered by current sensing.
10) 2 Red Flashes / Pause = System was triggered by an open hood or trunk.
11) 3 Red Flashes / Pause = System was triggered by an open door.
12) 4 Red Flashes / Pause = System was triggered by the sensor.

Note: Turning on the ignition will clear the Alarm Condition Memory Recall.

Starting System Status: The primary function of the Status Indicator Light is to indicate the status of the security system:

13) Off = The remote starter system is off and in standby mode. The security system is disarmed and not performing automatic functions.
14) Flashing Slow Green = The engine is running after remote starting.
15) Flashing Fast Green = A remote start command has been received, and the system is in the process of starting the engine.

Remote Starting Diagnostics: Whenever the system is placed into Easy Valet Mode, the Status Indicator Light illuminates solid Red. However, when this occurs, the Status Indicator Light will flash Red, then 1 to 6 Green flashes before resuming solid Red. This indicates why the engine stopped running from the last previous remote starting.

16) Red / 1 Green Flash / Red = Programmed run time expired.
17) Red / 2 Green Flashes / Red = Brake was pressed or hood opened.
18) Red / 3 Green Flashes / Red = Engine stalled or bad tach signal.
19) Red / 4 Green Flashes / Red = Received transmitter command to stop.
20) Red / 5 Green Flashes / Red = Gear selector removed from "park".
21) Red / 6 Green Flashes / Red = Security system triggered or low voltage.

Combination Indications: These indications occur when security and remote starting operations are, or have been, simultaneous.

22) Slowly Alternates Red & Green = Full Valet Mode (page 19).
23) Solid Green w/ Red Flash = Security Armed with Starting Valet Mode.
24) Solid Red w/ Green Flash = Remote starter system engaged with security system in Easy Valet Mode.
25) Rapidly Alternates Red & Green = Remote starter system engaged with security system armed.
26) Slow Flashing Green w/ 1 to 4 Red Flashes = This indication is during remote start operation after disarming the alarm, and shows that the previously Armed alarm was Activated, or triggered, and reset prior to the remote starting. The Red flashes are the Alarm Condition Memory Recall, explained on the previous page, occurring with the "engine running" indicator.

VEHICLE RECOVERY

Your system is equipped with three separately programmable Vehicle Recovery protection features, which also provide Anti-Carjacking protection. The Vehicle Recovery operation may be selectively activated by the ignition, by an open door, or by the transmitter.

How It Works:

Once the Vehicle Recovery process has begun, the user has 53 seconds to cancel the process by pressing the Valet Switch once. If Vehicle Recovery is not cancelled, 53 seconds after being activated the siren will begin to chirp for 7 seconds to alert the user that the system is about to enter into an alarm condition.

If the Vehicle Recovery process is not cancelled before the 60 second countdown expires, the system will enter an alarm condition, sounding the siren and flashing the parking lights. 30 seconds after this occurs, or should the ignition be turned off in the meantime, the stater interrupt will engage.

Once the system enters the alarm condition, it will not respond to the transmitter, nor will the system reset automatically after 60 seconds.

Once in the alarm condition, the Vehicle Recovery Protection can only be disengaged by:

Step 1: Turning the vehicle's ignition off.
Step 2: Turning the ignition back on.
Step 3: Within 5 seconds, perform an Emergency Override using the Valet Switch.

Level #1: Vehicle Recovery activated by the vehicle's ignition:
The Vehicle Recovery process is started every time the vehicle's ignition is turned on. This is programmable feature #18.

Level #2: Vehicle Recovery activated by an open door:
The Vehicle Recovery process is started by a door of the vehicle being opened, but only if the ignition is on when the door is opened. This is programmable feature #19.

Level #3: Vehicle Recovery activated using a remote control:
The Vehicle Recovery process is started by pressing holding the transmitter's "lll" (or, "Auxiliary Output #3") button for 3 seconds, but only if the vehicle's ignition is on. This is programmable feature #20.

AUTOMATIC   TRANSMITTER   VERIFICATION

The patented ATV™ technology, which is standard on all Crime Guard models, is the only defense against an inherent weakness found in any remote-controlled vehicle security system. In all such systems, allowance is made for multiple transmitters to operate the system. In a matter of seconds, anyone familiar with the programming procedure can easily code their own unauthorized transmitter into the system. Although every vehicle remote-controlled keyless entry or security system is susceptible, Crime Guard security systems audibly alerts you if the system's programming mode has been accessed and visually informs you at all times of the number of remote controls capable of operating your system. Someday this technology will be standard on all remote-controlled keyless entry and security systems; today, only the most advanced systems offer this complete protection.

How It Works:

Audible ATV™ Warning: Anytime the system has a transmitter programmed, for 48 hours thereafter the siren will emit a brief series of chirps every time the vehicle's ignition is turned on. This audible warning alerts you that the system has had transmitter programming activity. Please note that the audible ATV™ Warning, in addition to the extended Status Indicator Light visual display, will be active for the first 48 after the system is installed.

Visual ATV™: In normal everyday use, for a period of 10 seconds after the vehicle's ignition is turned on, the system's Status Indicator Light reports the total number transmitters which can operate the system. However, if the ATV™ Warning has been activated, this visual display period is extended to 90 seconds. For example: After turning on the vehicle's ignition, if the Status Indicator Light flashes twice between pauses, two transmitters are programmed to operate the system. If the indication were three flashes between pauses, three transmitters are capable of operating the system.
In the event that the ATV™ Warning is activated, or if the Status Indicator Light a shows different number of authorized transmitters, you can easily reprogram your transmitters to eliminate the threat. (please refer to page 40)

Personal security advisement: Only recently have law enforcement authorities discovered the prevalence of this type of theft, as it is virtually undetectable. *In most of these cases, the theft of personal items from the vehicle has been dismissed as the owner's failure to lock the vehicle's doors!*

PROGRAMMING THE 850i^3

The Crime Guard 850i^3 is a sophisticated, yet flexible security and convenience system. Many of its operations may be configured as the user desires- "Programming Mode" allows you to configure 30 operational features to suit your wants and needs. Your vehicle ignition key and the Valet Switch are used to enter the Programming Mode, as described by the three steps listed below. Once in Programming Mode, the Valet Switch is used to access the desired feature, and the transmitter is then used to change the chosen feature's status. During the process, the siren and the Status Indicator Light indicate certain conditions of Programming Mode and the chosen feature's status.

Once the system is in Programming Mode, the Valet Switch is then pressed and released the number of times equal to the feature number which is to be accessed for programming. After pressing the Valet Switch as many times as the feature number, the siren will chirp the same number of times and the Status Indicator Light will flash the same number, between pauses.

Once the feature has been selected its status, or setting, can be chosen by pressing the appropriate button on the transmitter. Basically, pressing the transmitter's "Arm/Lock" button turns the feature on, or pressing the transmitter's "Disarm/Unlock" button turns the feature off. Features which are not "on or off" features, such as the activated alarm duration of 30 or 60 seconds, are noted otherwise.

To Enter Programing Mode:
Step 1:   Turn the vehicles's ignition on.
Step 2:   Turn the ignition off.
Step 3:   <u>Within 5 seconds,</u> Press & Release the Valet Switch 5 times.
   - The siren will chirp then sound briefly and the Status Light will flash to confirm that the system is entering Programing Mode.
   - Once in Programming Mode, if 10 seconds of no programming activity occurs, the system will exit Programming Mode. Programming activity is the pressing of the Valet Switch or pressing a transmitter button once a feature is accessed.

To Access a Feature:
Step 4:   <u>Within 10 seconds,</u> Press & Release the Valet Switch the same number of times as the desired feature's number.
   - The siren will chirp and the Status Indicator Light will flash as many times as the Valet Switch was pressed to indicate the feature number which is now accessed.

To Change a Feature:

Step 5:   After accessing the desired feature, <u>within 10 seconds</u> Press & Release either the transmitter's "Arm/Lock" button or the "Disarm/Unlock" button.
- Pressing the "Arm/Lock" button turns the feature on; the siren will chirp once and the Status Indicator Light will turn on.
- Pressing the "Disarm/Unlock" button turns the feature off; the siren will chirp twice and the Status Indicator Light will turn off.

To Access and Change further Features:

Step 6:   If there are more features to be programmed, <u>within 10 seconds</u> of the previous action Press & Release the Valet Switch the same number of times as the next desired feature's number.
- Again the siren will chirp and the Status Indicator Light will flash as many times as the Valet Switch was pressed to indicate the new feature number which is now accessed.
- Use the transmitter as described in Step 5 to change the newly accessed feature as desired.
- Repeat this Step 6 for each additional feature until all features are programmed.

To Exit Programing Mode:

Step 7:   Allow 10 seconds to pass without performing any programming actions; or, turn the vehicles's ignition in.
- The siren will sound briefly and the Status Indicator Light will go out to confirm that the system is exiting Programing Mode.

Important Note: Once the system is in Programming Mode, if at any time 10 seconds elapse without programming activity, the system will automatically exit Programming Mode. To prevent the system from prematurely exiting Programming Mode, the feature can entered again by pressing the Valet Switch, or if a feature is accessed, by pressing either of the transmitter buttons. Features can be selected in any order as desired.

   The following pages explain each of the programmable features in detail. A convenient feature programming checklist is on pages 46-47, which greatly simplifies the feature programming process. The professional installer may take advantage of the optional Omega FPM-1 Features Programming Module. The FPM-1 can be used to program all features in a matter of moments.

Feature #1   Current Sensing
(Factory Default Setting Off)

This feature will cause the system to Activate if the control module's processor detects current flow within the vehicle's electrical system. Current sensing can also be delayed from the standard 3 second Arming Delay to 210 seconds (3 1/2 minutes). Some vehicles present certain factors, such as delayed lighting or cooling fans, which can activate the current sensing threshold. Where this is encountered and current sensing is still desired, this feature's longer delay setting in many cases will alleviate these problems.

Programming Current Sensing:

Follow Steps 1 to 4 on page 24; at Step 4 the Valet Switch will be pressed and released one time. The system's response will be one siren chirp, and the Status Indicator Light flashing Red once, pausing, then repeating. Within 10 seconds, press and release the transmitter's "Arm/Lock" button; the siren will chirp once to indicate that current sensing is on or press the "Disarm/Unlock" button and the siren will chirp twice to indicate that current sensing is off.

Feature #2   3 Or 210 Second Current Sensing Delay
(Factory Default Setting 3 Second)

This feature delays the current sensing operation from the standard 3 second Arming Delay to 210 seconds (3 1/2 minutes). Some vehicles present certain factors, such as delayed lighting or cooling fans, which can activate the current sensing threshold. When this is encountered and current sensing is still desired, this feature's longer delay setting will alleviate the problems in many cases.

Programming Current Sensing Delay:

Follow Steps 1 to 4 on page 24; at Step 4 the Valet Switch will be pressed and released two times. The system's response will be two siren chirps, and the Status Indicator Light flashing Red twice, pausing, then repeating. Within 10 seconds, press and release the transmitter's "Arm/Lock" button; the siren will chirp once to indicate the "210 second" setting or press the "Disarm/Unlock" button and the siren will chirp twice to indicate the "3 second" setting.

Feature #3   **30 or 60 Second Alarm Duration**
(Factory Default Setting 60 Seconds)

This feature allows the option of a 30 or 60 second Alarm Duration, which is when the system has activated in Armed state, sounding the siren and flashing the parking lights.

Changing the Alarm Duration:

Follow Steps 1 to 4 on page 24; at Step 4 the Valet Switch will be pressed and released three times. The system's response will be three siren chirps, and the Status Light flashing three times, pausing, then repeating. Within 10 seconds, press and release the transmitter's "Arm/Lock" button to set the Alarm Duration for 60 seconds (the siren will chirp once) or the "Disarm/Unlock" button to set the Alarm Duration for 30 seconds (the siren will chirp twice).

Feature #4   **3 / 45 Second Arming Delay**
(Factory Default Setting 3 Second)

This feature determines how long after the Arming confirmation chirp that the system becomes fully Armed. The Arming Delay applies to the system Arming regardless if it occurs from using the transmitter, Last Door Arming or Automatic Rearming.

Programming 3 / 45 Second Arming Delay:

Follow Steps 1 to 4 on page 24; at Step 4 the Valet Switch will be pressed and released four times. The system's response will be four siren chirps, and the Status Light flashing four times, pausing, then repeating. Within 10 seconds, press and release the transmitter's "Arm/Lock" button to configure the system with a 45 second Arming Delay (the siren will chirp once) or the "Disarm/Unlock" button to configure the system with a 3 second Arming Delay (the siren will chirp twice).

Feature #5   **Last Door Arming**
(Factory Default Setting Off)

This feature configures the system to automatically Arm itself 30 seconds after the vehicle's last door is closed.

Programming Last Door Arming:

Follow Steps 1 to 4 on page 24; at Step 4 the Valet Switch will be pressed and released five times. The system's response will be five siren chirps, and the Status Light flashing five times, pausing, then repeating. Within 10

seconds, press and release the transmitter's "Arm/Lock" button to turn on Last Door Arming (the siren will chirp once) or the "Disarm/Unlock" button to turn off Last Door Arming (the siren will chirp twice).

Feature #6   **Automatic Rearming**
                                    (Factory Default Setting Off)

This feature prevents your system from being disarmed accidentally, configuring the system to automatically rearm itself 90 seconds after it has been Disarmed by the transmitter. The operation of the Automatic Rearming feature is explained in more detail on pages 9-10.

Programming Automatic Rearming:

Follow Steps 1 to 4 on page 24; at Step 4 the Valet Switch will be pressed and released six times. The system's response will be six siren chirps, and the Status Light flashing six times, pausing, then repeating. Within 10 seconds, press and release the transmitter's "Arm/Lock" button to turn on the Automatic Rearming feature (the siren will chirp once) or the "Disarm/ Unlock" button to turn the Automatic Rearming feature off (the siren will chirp twice).

Feature #7   Auxiliary Output #2 Also Disarms System
                                    (Factory Default Setting On)

This feature configures the Auxiliary Output #2 to automatically Disarm the system at the same when it is used.

Programming Auxiliary Channel #2 Disarms System:

Follow Steps 1 to 4 on page 24; at Step 4 the Valet Switch will be pressed and released seven times. The system's response will be seven siren chirps, and the Status Light flashing seven times, pausing, then repeating. Within 10 seconds, press and release the transmitter's "Arm/Lock" button to have the system Disarm when Auxiliary Output #2 is used (the siren will chirp once) or the "Disarm/Unlock" button to have Auxiliary Output #2 not Disarm the system when it is used (the siren will chirp twice).

Feature #8   Parking Light Illumination Upon Disarm
(Factory Default Setting On)

This feature configures the system to illuminate the vehicle's parking and interior lights for 30 seconds when it is Disarmed. Otherwise, if this feature is turned off, the parking lights will flash once upon Disarming the system.

Programming Parking Light Illumination Upon Disarm:

Follow Steps 1 to 4 on page 24; at Step 4 the Valet Switch will be pressed and released eight times. The system's response will be eight siren chirps, and the Status Light flashing eight times, pausing, then repeating. Within 10 seconds, press and release the transmitter's "Arm/Lock" button to have the parking lights turn on for 30 seconds when the system is Disarmed (the siren will chirp once) or the "Disarm/Unlock" button to have the parking lights only flash once when the system is Disarmed (the siren will chirp twice).

Feature #9   Doors Lock When Ignition Is Turned On
(Factory Default Setting On)

This feature configures the system to automatically lock the vehicle's doors every time that the ignition switch is turned on. An exception to this would be if feature #12 is turned on, and a door being open when the ignition switch is turned on. The two following features, #10 and #11, control the automatic unlocking operation.

Programming Doors Lock When Ignition Is Turned On:

Follow Steps 1 to 4 on page 24; at Step 4 the Valet Switch will be pressed and released nine times. The system's response will be nine siren chirps, and the Status Light flashing nine times, pausing, then repeating. Within 10 seconds, press and release the transmitter's "Arm/Lock" button to turn on "Doors Lock When Ignition Turned On" (the siren will chirp once) or the "Disarm/Unlock" button to turn this feature off (the siren will chirp twice).

Feature #10   Unlock #1 When Ignition Is Turned Off
(Factory Default Setting On)

This feature configures the system to automatically unlock the vehicle's doors every time that the ignition switch is turned off. An exception to this would be if feature #12 is turned on, and a door being open when the ignition switch is turned off. If the system is installed without the Driver's Door Priority unlock interface, this feature unlocks all of the doors when the

ignition switch is turned off. If Driver's Door Priority is installed, this feature controls the driver's door only, and the following feature will control the automatic unlocking of the other doors.

Programming Unlock #1 When Ignition Is Turned Off:

Follow Steps 1 to 4 on page 24; at Step 4 the Valet Switch will be pressed and released ten times. The system's response will be ten siren chirps, and the Status Light flashing ten times, pausing, then repeating. Within 10 seconds, press and release the transmitter's "Arm/Lock" button to turn on "Unlock #1 When Ignition Turned Off" (the siren will chirp once) or the "Disarm/Unlock" button to turn this feature off (the siren will chirp twice).

Feature #11   Unlock #2 When Ignition Is Turned Off
(Factory Default Setting   Off)

As explained for the previous feature, this feature controls the automatic unlocking of all doors except the driver's door if Driver's Door Priority is installed.

Programming Unlock #2 When Ignition Is Turned Off:

Follow Steps 1 to 4 on page 24; at Step 4 the Valet Switch will be pressed and released eleven times. The system's response will be eleven siren chirps, and the Status Light flashing eleven times, pausing, then repeating. Within 10 seconds, press and release the transmitter's "Arm/Lock" button to turn on "Unlock #2 When Ignition Turned Off" (the siren will chirp once) or the "Disarm/Unlock" button to turn this feature off (the siren will chirp twice).

Feature #12   Open Door Bypass Of Ignition Locking
(Factory Default Setting   On)

This feature cancels the automatic locking or unlocking of the vehicle's doors when the ignition switch is turned on or off if one of the doors is open. This feature can be useful, for example, for leaving others within a locked vehicle when only the driver exits the vehicle. Features #9, #10, or #11 must be turned on for this feature to operate.

Programming Open Door Bypass Of Ignition Locking:

Follow Steps 1 to 4 on page 24; at Step 4 the Valet Switch will be pressed and released twelve times. The system's response will be twelve siren chirps, and the Status Light flashing twelve times, pausing, then repeating.

Within 10 seconds, press and release the transmitter's "Arm/Lock" button to turn on "Open Door Bypass Of Ignition Locking" (the siren will chirp once) or the "Disarm/Unlock" button to turn this feature off (the siren will chirp twice).

Feature #13   Doors Lock With Last Door Arming
(Factory Default Setting Off)
This feature adds the automatic locking of the doors to feature #5, Last Door Arming. If this feature is turned on, the doors will lock when the system becomes armed 30 seconds after closing the last door. Feature #5 must be turned on for this feature to operate.

Programming Doors Lock With Last Door Arming:
Follow Steps 1 to 4 on page 24; at Step 4 the Valet Switch will be pressed and released thirteen times. The system's response will be thirteen siren chirps, and the Status Light flashing thirteen times, pausing, then repeating. Within 10 seconds, press and release the transmitter's "Arm/Lock" button to turn on the Doors Lock With Last Door Arming feature (the siren will chirp once) or the "Disarm/Unlock" button to turn off the feature (the siren will chirp twice).

Feature #14   Doors Lock With Automatic Rearm
(Factory Default Setting Off)
This feature adds the automatic locking of the doors to feature #6, Automatic Rearming. If this feature is turned on, the doors will lock when the system rearms itself 90 seconds after being disarmed by the transmitter. Feature #6 must be turned on for this feature to operate.

Programming Doors Lock With Automatic Rearming:
Follow Steps 1 to 4 on page 24; at Step 4 the Valet Switch will be pressed and released fourteen times. The system's response will be fourteen siren chirps, and the Status Light flashing fourteen times, pausing, then repeating. Within 10 seconds, press and release the transmitter's "Arm/Lock" button to turn this feature on (the siren will chirp once) or the "Disarm/Unlock" button to turn this feature off (the siren will chirp twice).

Feature #15   **Door Lock/Unlock Pulse Duration**
                                (Factory Default Setting .8 Second)

This feature offers the selection of a .8 second or a 3 second pulse duration of the system's doorlock outputs. Certain vehicles have power doorlocking systems which are vacuum operated, and thus require a longer output pulse from the Crime Guard system. While use of this feature is determined by the type of vehicle the system is installed in, this feature does save the owners of such vehicles the added expense of a special adapter.

Programming Door Lock/Unlock Pulse Duration:

Follow Steps 1 to 4 on page 24; at Step 4 the Valet Switch will be pressed and released fifteen times. The system's response will be fifteen siren chirps, and the Status Light flashing fifteen times, pausing, then repeating. Within 10 seconds, press and release the transmitter's "Arm/Lock" button to configure the doorlock pulse for .8 second (the siren will chirp once) or the "Disarm/Unlock" button to configure the doorlock pulse for 3 seconds (the siren will chirp twice).

Feature #16   **Double Unlock Pulse**
                                     (Factory Default Setting OFF)

This is another power door lock-related feature; some newer vehicles require a double pulse to remotely unlock the doors and/or to disarm a factory-equipped security system.

Programming Single or Double Unlock Pulse:

Follow Steps 1 to 4 on page 24; at Step 4 the Valet Switch will be pressed and released sixteen times. The system's response will be sixteen siren chirps, and the Status Light flashing sixteen times, pausing, then repeating. Within 10 seconds, press and release the transmitter's "Arm/Lock" button to configure the double unlock pulse (the siren will chirp once) or the "Disarm/ Unlock" button to configure the single unlock pulse (the siren will chirp twice).

Feature #17   **Total Closure Lock Output**
                                     (Factory Default Setting OFF)

If the vehicle is has an existing total closure feature, this programmable feature allows the installer the option of interfacing the system to operate this feature. Typically, this option would close all windows and the sunroof, in addition to locking the doors, when arming the system. Consult with the

installer on this option, as the vehicle must be properly equipped to utilize this Feature. Turning this feature on changes the door lock output pulse to a 28 second duration.

Programming Total Closure Lock Pulse:

Follow Steps 1 to 4 on page 24; at Step 4 the Valet Switch will be pressed and released seventeen times. The system's response will be seventeen siren chirps, and the Status Light flashing seventeen times, pausing, then repeating. Within 10 seconds, press and release the transmitter's "Arm/Lock" button to configure the 28 second door lock pulse for total closure (the siren will chirp once) or the "Disarm/Unlock" button to configure the short door lock pulse (the siren will chirp twice).

Feature #18   **Ignition Activated Vehicle Recovery**
(Factory Default Setting   Off)

The Vehicle Recovery feature activates the system into an alarm condition automatically in the event that you are forced from your car. "Ignition Activated" Vehicle Recovery is one three methods of activating this feature, which is explained on page 22.

Programming Ignition Activated Vehicle Recovery:

Follow Steps 1 to 4 on page 24; at Step 4 the Valet Switch will be pressed and released eighteen times. The system's response will be eighteen siren chirps, and the Status Light flashing eighteen times, pausing, then repeating. Within 10 seconds, press and release the transmitter's "Arm/Lock" button to turn on Ignition Activated Vehicle Recovery (the siren will chirp once) or the "Disarm/Unlock" button to turn this feature off (the siren will chirp twice).

Feature #19   **Door Activated Vehicle Recovery**
(Factory Default Setting   Off)

The Vehicle Recovery feature activates the system into an alarm condition automatically in the event that you are forced from your car. "Door Activated" Vehicle Recovery is one three methods of activating this feature, which is explained on page 22.

Programming Door Activated Vehicle Recovery:

Follow Steps 1 to 4 on page 24; at Step 4 the Valet Switch will be pressed and released nineteen times. The system's response will be nineteen siren

chirps, and the Status Light flashing nineteen times, pausing, then repeating. Within 10 seconds, press and release the transmitter's "Arm/Lock" button to turn on the Door Activated Vehicle Recovery feature (the siren will chirp once) or the "Disarm/Unlock" button to turn this feature off (the siren will chirp twice).

Feature #20   Transmitter Activated Vehicle Recovery
(Factory Default Setting Off)

This form of the Vehicle Recovery feature gives you the option of activating the Vehicle Recovery operation from the transmitter in the event that you are forced from your car. "Transmitter Activated" Vehicle Recovery is one three methods of activating this feature, which is explained on page 22.

Programming Transmitter Activated Anti Car-Jacking:

Follow Steps 1 to 4 on page 24; at Step 4 the Valet Switch will be pressed and released twenty times. The system's response will be twenty siren chirps, and the Status Light flashing twenty times, pausing, then repeating. Within 10 seconds, press and release the transmitter's "Arm/Lock" button to turn on the Transmitter Activated Vehicle Recovery feature (the siren will chirp once) or the "Disarm/Unlock" button to turn this feature off (the siren will chirp twice).

Feature #21   Chirp Confirmation
(Factory Default Setting On)

This feature allows the permanent removal of the system's chirping the siren as an audible confirmation when performing functions such as Arming and Disarming. Please note that utilizing this feature to remove the confirmation   chirps does not affect siren chirping operations associated with the ATV™ Warning, sensor prewarning or Programming Mode.

Programming the Chirp Confirmation:

Follow Steps 1 to 4 on page 24; at Step 4 the Valet Switch will be pressed and released twenty one times. The system's response will be twenty one siren chirps, and the Status Light flashing twenty one times, pausing, then repeating. Within 10 seconds, press and release the transmitter's "Arm/Lock" button to turn the Chirp Confirmation on (the siren will chirp once) or the "Disarm/Unlock" button to turn the Chirp Confirmation off (the siren will chirp twice).

Feature #22   Steady Siren or Pulsed Horn Output
(Factory Default Setting Steady Siren)

This feature allows the choice using of the vehicle's horn for the audible output of the security system instead of the electronic siren. When programmed for use with a vehicular horn, this output pulses for 10 seconds, then pauses for 5 seconds, repeating this cycle for the duration of the activated alarm period. In some cases, an optional relay is needed to utilize this feature. When set for use with the electronic siren, the output is continuous and steady.

Programming Steady Siren or Pulsed Horn Output:

Follow Steps 1 to 4 on page 24; at Step 4 the Valet Switch will be pressed and released twenty two times. The system's response will be twenty two siren chirps, and the Status Light flashing twenty two times, pausing, then repeating. Within 10 seconds, press and release the transmitter's "Arm/Lock" button to turn on the steady siren output (the horn or siren will chirp once) or the "Disarm/Unlock" button to turn on pulsed horn output (the horn or siren will chirp twice).

Feature #23   Soft or Loud Horn Confirmation Chirps
(Factory Default Setting Soft)

If the system is configured to use the vehicle's horn, this feature allows a degree of compensation for the variance which is found in the length of the pulse required to chirp the vehicle's horn in a satisfactory manner. This feature is only available for use when the previous feature is programmed for the "Pulsed Horn" setting.

Programming the Chirp Confirmation:

Follow Steps 1 to 4 on page 24; at Step 4 the Valet Switch will be pressed and released twenty three times. The system's response will be twenty three siren chirps, and the Status Light flashing twenty three times, pausing, then repeating. Within 10 seconds, press and release the transmitter's "Arm/Lock" button to turn the loud horn chirp confirmation on (the horn or siren will chirp once) or the "Disarm/Unlock" button to turn the soft chirp confirmation on (the horn or siren will chirp twice).

Feature #24   1 Or 2 Button Arming / Disarming
(Factory Default Setting 2 Button Operation)

This feature changes the configuration of how the transmitter operates the system. In the factory default setting of "2 Button Operation" setting, one of the transmitter's buttons will only Arm the system (the "Arm/Lock" button), and a second button will only disarm the system (the "Disarm/ Unlock" button). When this feature is programmed to the "1 Button Operation", a single transmitter button alternates Arming and Disarming the system with every press of that button. Optional transmitters with three buttons, Omega part numbers #119-05R (woodgrain finish) and #119-05B (polished ebony finish), are available from your Crime Guard dealer or directly from Omega Research and Development. The pages 44-45 will show the system's operation if configured to operate with these transmitters.

Programming Transmitter 1 or 2 Button Operation:

Follow Steps 1 to 4 on page 24; at Step 4 the Valet Switch will be pressed and released twenty four times. The system's response will be twenty four siren chirps, and the Status Light flashing twenty four times, pausing, then repeating. Within 10 seconds, press and release the transmitter's "Arm/ Lock" button to configure the system for "1 Button Operation" (the siren will chirp once) or the "Disarm/Unlock" button to configure the system for "2 Button Operation" (the siren will chirp twice).

Feature #25   Remote Start Run Time 10 Or 20 Minutes
(Factory Default Setting 10 Minutes)

This Feature sets the period of time that the engine will run after being remotely started. If the engine is not stopped by transmitter or a safety circuit violation, the engine will automatically stop upon the expiration of the selected time period.

Programming 10 or 20 Minute Run Time:

Follow Steps 1 to 4 on page 24; at Step 4 the Valet Switch will be pressed and released twenty five times. The system's response will be twenty five siren chirps, and the Status Light flashing twenty five times, pausing, then repeating. Within 10 seconds, press and release the transmitter's "Arm/ Lock" button to configure the system for 20 minute remote start engine run time (the siren will chirp once) or the "Disarm/Unlock" button to configure the system for 10 minute run time (the siren will chirp twice).

Feature #26   Steady/Flashing Lights During Remote Start
(Factory Default Setting Steady)

This Feature configures the system's operation of the vehicle's parking lights when the engine is running after it has been remotely started. The factory default setting has the parking lights illuminating steady during the engine run time; the feature's other position flashes the parking lights on and off during the engine run time.

Programming Steady or Flashing Parking Lights:

Follow Steps 1 to 4 on page 24; at Step 4 the Valet Switch will be pressed and released twenty six times. The system's response will be twenty six siren chirps, and the Status Light flashing twenty six times, pausing, then repeating. Within 10 seconds, press and release the transmitter's "Arm/Lock" button to configure the system for steady parking lights (the siren will chirp once) or the "Disarm/Unlock" button to configure the system for flashing parking lights (the siren will chirp twice).

Feature #27   Gasoline Or Diesel Engine
(Factory Default Setting Gasoline)

This Feature changes the system's timing of the ignition and starter output sequence for remotely starting vehicles with a diesel engine.

Programming Gasoline or Diesel Engine:

Follow Steps 1 to 4 on page 24; at Step 4 the Valet Switch will be pressed and released twenty seven times. The system's response will be twenty seven siren chirps, and the Status Light flashing twenty seven times, pausing, then repeating. Within 10 seconds, press and release the transmitter's "Arm/Lock" button to configure the system for gasoline engines (the siren will chirp once) or the "Disarm/Unlock" button to configure the system for diesel engines (the siren will chirp twice).

Feature #28   Extended Starter Cranking Time
(Factory Default Setting Minimum)

This feature operates in conjunction with the next feature's "Tachless" setting. The Crime Guard 850i³'s processor is capable of detecting the running engine by two separate methods- the use of the "tach" wire for a direct engine RPM input, or by monitoring the fluctuating voltage levels associated with the starting process. When neither of these inputs are

available, the processor reverts to fixed timed starter outputs. This Feature sets the duration of the starter output, which is also the same base timing for voltage sensing type of starter output operation. There are four different base starter output time durations.

Programming Extended Starter Output Time:

Follow Steps 1 to 4 on page 24; at Step 4 the Valet Switch will be pressed and released twenty eight times. The system's response will be twenty eight siren chirps, and the Status Light flashing twenty eight times, pausing, then repeating. Within 10 seconds, press and release the transmitter's "Arm/Lock" button to configure the system for minimum base starter output timing, which is .7 second (the siren will chirp once) or the "Disarm/Unlock" button to configure the system for the next highest base starter output time, which is 1.25 seconds (the siren will chirp twice). Press the "Disarm/Unlock" button again to advance the system to the next highest base starter output time, which is 1.75 seconds (the siren will chirp three times). Again press the "Disarm/Unlock" button to advance the system to the highest base starter output time, which is 2.5 seconds (the siren will chirp four times). If the "Disarm/Unlock" button is pressed again, the system will start over at the 1.25 seconds timing and two siren chirps.

Feature #29   "Tach Wire" or "Tachless" Starter Operation (Factory Default "Tach Wire")

This feature selects the processor's method of determining the status of the engine running during remote start operation. As explained in the previous feature's description, "Tachless" mode has an associated base starter output time duration. However, if the voltage fluctuation is detectable, the processor adjusts the starter output time accordingly. When this feature is set for "Tach Wire" operation, the base starter output increases to 3 seconds, but the processor adjusts the actual starter engagement time accordingly. Connecting and use of the "Tach Wire" is the most reliable form of engine running information input, and its use is recommended.

Programming Tach Wire or Tachless:

Follow Steps 1 to 4 on page 24; at Step 4 the Valet Switch will be pressed and released twenty nine times. The system's response will be twenty nine siren chirps, and the Status Light flashing twenty nine times, pausing, then repeating. Within 10 seconds, press and release the transmitter's

"Arm/Lock" button to configure the system for Tachless operation (the siren will chirp once) or the "Disarm/Unlock" button to configure the system for Tach Wire operation (the siren will chirp twice).

Feature #30   **Remote Start Preactivation**
                                          (Factory Default On)

This feature, also described on page 17, requires that the user press the Valet Switch once before exiting the vehicle in order for the remote starting operation to be available for later use. Although this is a safety feature of the Crime Guard 850i[3] system, this programmable feature allows Preactivation to be turned off. If Preactivation is turned off, remote starting can be performed at any time, and repeatedly if desired.

Programming Preactivation:

Follow Steps 1 to 4 on page 24; at Step 4 the Valet Switch will be pressed and released thirty times. The system's response will be thirty siren chirps, and the Status Light flashing thirty times, pausing, then repeating. Within 10 seconds, press and release the transmitter's "Arm/Lock" button to configure the system Preactivation operable (the siren will chirp once) or the "Disarm/Unlock" button to configure the system to turn off the Preactivation operation (the siren will chirp twice).

PROGRAMMING   TRANSMITTERS

As explained at the beginning of this Operations Guide, your Crime Guard system is capable of being operated by as many as four transmitters. When adding or deleting transmitter codes to operate the security system, follow this process:

1) Turn "on" the ignition.

2) Within 5 seconds of turning "on" the ignition, press the Valet Switch 5 times. The siren will chirp, confirming that for the next 10 seconds the system is ready to learn a transmitter code. When the first transmitter code is learned all existing stored codes will be erased. To enter a transmitter code, simply press and release the "Arm/Lock" button (the upper left button with the "locked padlock" graphic).

3) Repeat this procedure for each transmitter desired to operate the security system. The system will chirp the siren once to confirm that each transmitter code was learned. All of the other transmitter button's functions will automatically be learned when the "Arm/Lock" button is learned. If a code is not received within a 10 second period, the learning process will automatically terminate.

Although this security system is programmed at the factory for the Arm/Lock transmitter button to arm, and the Disarm/Unlock button to disarm the system, any one of the transmitter's three buttons may be programmed to arm the security system, with the other operations being assigned as follows:

Only this
button is
pressed when
programming.

Arm	Disarm	Auxiliary Output #2	Auxiliary Output #3
Arm/Lock	Disarm/Unlock	II	III
Disarm/Unlock	Arm/Lock	II	III
II	Arm/Lock	Disarm/Unlock	III
III	Arm/Lock	Disarm/Unlock	II

Please note that programming a transmitter to the system will activate the audible ATV™ Warning and the extended Status Indicator Light visual display; these will remain active for 48 hours after transmitter programming.

"1 BUTTON ARM/DISARM" OPERATION

Programmable feature #24 changes the configuration of how the transmitter operates the system. In the factory default setting of "2 Button Operation", one of the transmitter's buttons will only Arm the system, and a second button will only disarm the system. When this feature is programmed to the "2 Button Operation" setting, a single transmitter button alternates Arming and Disarming the system with every press of that button. An optional transmitter with three buttons is available; an order form is found on the following page.

Arm/Disarm	Aux Channel #1	Aux Channel #2
Large Button	Upper Small Button	Lower Small Button
Upper Small Button	Large Button	Lower Small Button
Lower Small Button	Large Button	Upper Small Button

Omega Research and Development, Inc.
P. O. Box 508
Douglasville, Georgia   30133

REPLACEMENT   TRANSMITTERS

Extra or replacement Remote Control Transmitters are readily available from the dealer from which you purchased your Crime Guard system; or, transmitters may purchased directly from Omega Research and Development. **Transmitters purchased from Omega are $35.00 each**, which includes shipping and handling.

To order transmitters from Omega direct, please use the form below, which can be cut from this manual or photocopied and legibly fill in the needed information. ***Please send a street address. Your transmitter(s) will be shipped UPS, which will not deliver to P.O. Box numbers.*** Please remit $ 35.00 for each transmitter ordered; personal check, money order or credit card are acceptable. Mail to:

Omega Research and Development, Inc.
P. O. Box 508
Douglasville, Georgia   30133

Please send me:

_____pcs. #119-05R   _____pcs. #119-05B   _____pcs. #105-05B
3-Button Rosewood   3-Button Ebony   4-Button Black

My name and address is:

NAME_____

ADDRESS_____

CITY_____

STATE & ZIP_____

TELEPHONE_____

☐ I have enclosed a check or money order for $_____.

☐ I would like to charge my order. My _____ credit card
        TYPE OF CREDIT CARD

    number is_____which expires_____ .

    Credit card holder name_____

Optional 3 Button
Transmitters-

"Rosewood"
part number:
#119-05R

"Ebony"
part number:
#119-05B

The optional 3 Button
transmitter is ideal for use with
the "1 Button Operation" feature
offered by your Crime Guard
system. Please see pages 36 and
44-45 for a detailed description
of this feature's operation
and how to program it.

Standard 4 Button
Transmitter-

part number:
#105-05B
(Black finish only)

3-BUTTON TRANSMITTER OPERATION

Programmable feature #24 changes the configuration of how the transmitter operates the system. In the factory default setting of "2 Button Operation", a single transmitter button alternates Arming and Disarming the system with every press of the button. These are the basic operations if the system is configured for "1 button" operation with the optional 3-button transmitters.

To Arm and Disarm the System:

Optional 3-Button Transmitter
Press & Release the Large Upper Button

WHEN ARMING, THE SIREN CHIRPS TWICE, THE PARKING LIGHTS FLASH TWICE, AND THE DOORS LOCK*
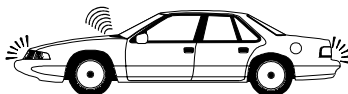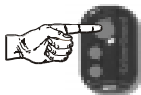
WHEN DISARMING, THE SIREN CHIRPS ONCE, THE PARKING LIGHTS FLASH ONCE, AND THE DOORS UNLOCK*

When Driver's Door Priority Unlocking is installed, upon Disarming, Pressing & Releasing the Large Upper Button a second time within 5 Seconds unlocks all of the doors

To Silently Arm and Disarm the System:

Optional 3-Button Transmitter
Press & Release the Small Center Button Twice

WHEN ARMING, THE PARKING LIGHTS FLASH TWICE, AND THE DOORS LOCK*

2 X
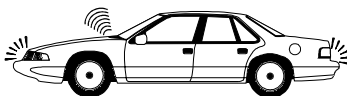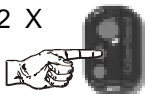
WHEN DISARMING, THE PARKING LIGHTS FLASH ONCE, AND THE DOORS UNLOCK*

To Activate Auxiliary Output #2:

Optional 3-Button Transmitter
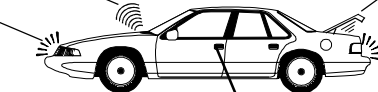**Press & Hold the Small Middle Button for 3 Seconds**

IF ARMED, THE SYSTEM WILL DISARM, WITH 3 SIREN CHIRPS AND 1 LIGHT FLASH

IF THE SYSTEM IS NOT ARMED, CONFIRMATION IS 1 SIREN CHIRP AND 1 LIGHT FLASH

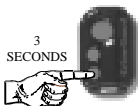TYPICALLY USED FOR OPTIONAL TRUNK RELEASE
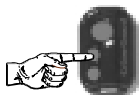
3 SECONDS

THE DOORS WILL UNLOCK*

* The doorlock interface must be installed
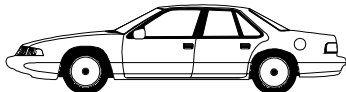
To Activate Auxiliary Output #3:

Optional 3-Button Transmitter
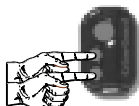
Press & Hold the Small Lower Button for 3 Seconds

EXAMPLE:
CAN OPERATE OPTIONAL
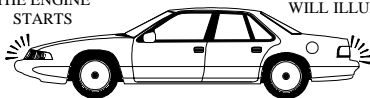WINDOW ROLL-UPS

3
SECONDS

To Activate Remote Starting:

Optional 3-Button Transmitter

Press & Release the Small Center Button <u>and</u> the Small Lower Button together
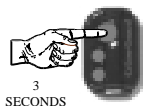
THE ENGINE
STARTS

THE PARKING LIGHTS
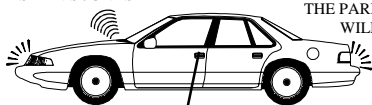WILL ILLUMINATE*

* FLASHING PARKING
LIGHTS IS OPTIONAL

To Activate Panic:

Optional 3-Button Transmitter

Press & Hold the Large Upper Button for 3 Seconds

THE SIREN SOUNDS

THE PARKING LIGHTS
WILL FLASH

THE DOORS WILL
UNLOCK*

3
SECONDS

To Deactivate Panic:

Optional 3-Button Transmitter

Press & Release the Large Upper Button Again

* The doorlock interface must be installed

FEATURES PROGRAMMING CHECKLIST

This checklist will assist you when programming features. Before attempting feature programming, please carefully read pages 24 and 25 for the entire features programming details and instructions to become familiar with the features and the programming procedure. A detailed explanation of each of the programmable features is found on pages 26 through 32.

To best use this checklist, mark each applicable box with "\" next to the feature to be changed before entering features Programming Mode. As each feature is programmed, change its mark to "**X**".

To program features, follow these steps:

Step 1 - Turn the ignition "off", and press the Valet Switch 5 times.
(the system will respond a siren chirp, then briefly sounding the siren and the Status Light begins flashing Red)

Step 2 - Press the Valet Switch the same number of times as the desired feature number.
(the system will acknowledge the Valet Switch entry by repeating the same number of siren chirps and the Status Light flashes in Red an equal amount)

Step 3 - Press the transmitter's "Arm/Lock" button to turn the feature "on" or press the "Disarm/Unlock" button to turn the feature "off".
(turning the feature "on" is indicated by one siren chirp and the Status Light being on; turning the feature "off" is indicated by two siren chirps and the Status Light being off)

Repeat - Steps 2 and 3 for each feature to be changed

If no programming activity occurs within a 10 second period, the Features Programming Mode will expire.
The system exiting features Programming Mode
is indicated by the siren briefly sounding.

#	FEATURE	DEFAULT
1	Current Sensing	OFF ("Disarm/Unlock")
2	3 or 210 Second Current Sensing Delay	3 Seconds ("Disarm/Unlock)
3	30 / 60 Second Activated Alarm Cycle	60 Seconds ("Arm/Lock")
4	3 / 45 Second Arming Delay	3 Second ("Disarm/Unlock")
5	Last Door Arming	OFF ("Disarm/Unlock")
6	Automatic Rearming	OFF ("Disarm/Unlock")
7	Auxiliary Output #2 Also Disarms System	ON ("Arm/Lock")
8	Parking Light Illumination Upon Disarm	ON ("Arm/Lock")
9	Doors Lock At Ignition "On"	ON ("Arm/Lock")
10	Unlock #1 At Ignition OFF	ON ("Arm/Lock")
11	Unlock #2 At Ignition OFF	OFF ("Disarm/Unlock")
12	Open Door Bypass To Features 9, 10, 11	ON ("Arm/Lock")
13	Doors Lock With Last Door Arming	OFF ("Disarm/Unlock")
14	Doors Lock With Automatic Rearming	OFF ("Disarm/Unlock")
15	.8 / 3 Second Doorlock Pulse	.8 Second ("Arm/Lock")
16	Double Unlock Pulse	OFF ("Disarm/Unlock")
17	Total Closure Lock Output	OFF ("Disarm/Unlock")
18	Ignition-Activated Vehicle Recovery	OFF ("Disarm/Unlock")
19	Door-Activated Vehicle Recovery	OFF ("Disarm/Unlock")
20	Transmitter-Activated Vehicle Recovery	OFF ("Disarm/Unlock")
21	Chirp Confirmation	ON ("Arm/Lock")
22	Steady Siren or Pulsed Horn Output	Steady Siren ("Arm/Lock")
23	Soft or Loud Horn Confirmation Chirps	Soft ("Disarm/Unlock")
24	1 or 2 Button Arming / Disarming	2 Button ("Disarm/Unlock")
25	Remote Start Run Time 10 or 20 Minutes	10 Minutes ("Disarm/Unlock")
26	Steady / Flashing Lights During Remote Start	Steady ("Arm/Lock")
27	Gasoline or Diesel Engine	Gasoline ("Arm/Lock")
28	Extended Starter Cranking Time	Minimum ("Arm/Lock")
29	"Tach Wire" or "Tachless " Starter Operation	"Tach Wire" ("Disarm/Unlock")
30	Remote Start Preactivation	ON ("Arm/Lock")

LIMITED LIFETIME WARRANTY

Products manufactured and sold by OMEGA RESEARCH & DEVELOPMENT, INC. (the "Company"), are warranted to be free from defects in materials and workmanship under normal use. If a product sold by the Company proves to be defective, the Company will repair or replace it free of charge within the first year and thereafter all parts to be repaired will be free with only a nominal charge for Crime Guard Keyless Entry & Security, Inc.'s labor and return shipping, to the original owner during the lifetime of the car in which it was originally installed.

All products for warranty repair must be sent postage prepaid to Crime Guard Keyless Entry & Security, Inc., P.O. Box 508, Douglasville, Georgia 30133, or send via UPS to: 981 N. Burnt Hickory Rd., Douglasville, Georgia 30134, with bill of sale or other dated proof of purchase. This warranty is nontransferable and does not apply to any product damaged by accident, physical or electrical misuse or abuse, improper installation, alteration, any use contrary to its intended function, unauthorized service, fire, flood, lightning, or other acts of God.

This warranty limits the Company's liability to the repair or replacement of the product. The Company shall not be responsible for removal and/or reinstallation charges, damage to or theft of the vehicle or its contents, or any incidental or consequential damages caused by any failure or alleged failure of the product to function properly. **UNDER NO CIRCUMSTANCES SHOULD THIS WARRANTY, OR THE PRODUCT COVERED BY IT, BE CONSTRUED AS A GUARANTEE OR INSURANCE POLICY AGAINST LOSS.** The Company neither assumes nor authorizes any person or organization to make any warranties or assume any liability in connection with the sale, installation, or use of this product.

This device complies with F.C.C Rules part 15. Operation is subject to the following two conditions: (1) This device may not cause harmful interference and, (2) This device must accept any interference that may be received, including interference that may cause undesired operation.
 The manufacturer is not responsible for any radio TV interference caused by unauthorized modifications to this equipment. Such modifications could void the user's authority to operate the equipment.

Crime Guard
Keyless Entry and Security ®

MO-CG-850I3