

Crime Guard

Keyless Entry and Security.

OPERATION MANUAL

745i³

COPYRIGHT 1999: OMEGA RESEARCH & DEVELOPMENT, INC.

TABLE OF CONTENTS

About Your New Crime Guard System	3
Using Your Crime Guard System	4
Remote Arming By Transmitter	4-5
<i>Arming Bypass</i>	
Last Door Arming By Exiting The Car	5-6
System Armed and Activated	7
Disarming The System	7
<i>Safety Disarm</i>	
Remote Disarming By Transmitter	8-9
<i>Safety Disarm Feature</i>	
<i>Activation Alert</i>	
<i>Automatic Rearming</i>	
Driver's Door Priority Unlocking	10
Disarming By Emergency Override	11
Remote Panic	12
Other Transmitter Operations	12-13
Auxiliary Output #2 / Auxiliary Output #3	13
Easy Valet Mode	14
Status Indicator Light	15
Glass Breakage and Dual-Zone Infrasonic Impact Sensor	16
Remote Sensor Bypass	16
Backup Battery	17
2nd & 3rd Vehicle Operation	17
Vehicle Recovery	18
Automatic Transmitter Verification	19
Programming The 745i ³	20-21
The 745i ³ 's Programmable Features	22-32
Transmitter "2 Button" Operation	32-35
Replacement Transmitters	36-37
<i>With Transmitter Order Form</i>	
Features Programming Checklist	38-39
Limited Lifetime Warranty	Back Cover

ABOUT YOUR NEW CRIME GUARD SYSTEM

Congratulations on your purchase of a new Crime Guard security 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 system.* To operate your security system, the three principal components are first described: the Remote Control Transmitter, the Red Status Indicator Light, and the Easy 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 three buttons: A Large Upper button, a Small Middle Button, and a Small Lower Button.

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 19. These features, and many others, ensure that Crime Guard systems are the most secure vehicle security systems available.

The Status Indicator Light: The Red Status Indicator Light reports the status of the security 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 page 15.

The Valet Switch: The Valet Switch has three main functions:

- 1- The Valet Switch can be used to turn off the security 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 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.

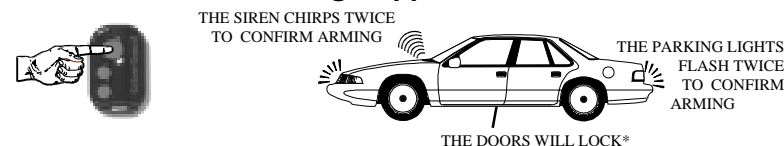
There are two methods of Arming the security system:

- 1- The first method is to use the transmitter, by pressing and releasing its Large Upper Button. The system must not already be armed or be in Easy Valet Mode (page 14), and the vehicle’s ignition switch must be off. In normal operation, each press of the Large Upper Button reverses the system between the armed and disarmed states.
- 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

To Arm the System:

Press & Release the Large Upper Button



To Silently Arm the System:

First Press & Release the Small Middle Button, then Press & Release the Small Middle Button again



*** The doorlock interface must be installed**

Upon Arming:

- The siren will chirp twice (or four times if a zone is bypassed) unless 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.

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 12.

*** The 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 needing 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 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 slowly. If programmed to do, 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 Valet Mode using the Valet Switch (page 14).
- 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.

*** The doorlock interface must be installed**

SYSTEM ARMED & ACTIVATED

While the system is in the Armed state:

- The Status Indicator Light will be flashing slowly 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 30 seconds (60 is optional) unless the system is disarmed using the transmitter or the Easy 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 10.

*** The 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 Large Upper Button to disarm the system. This is the normal “daily use” method.
- 2- The second method is to press and release twice within 5 seconds the transmitter's Small Middle Button. 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

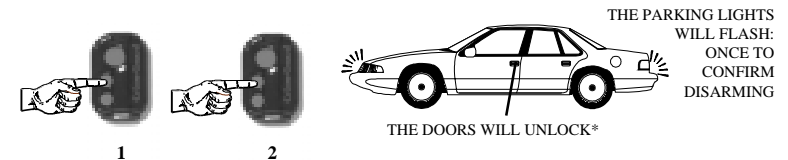
To Disarm the System:

Press & Release the Large Upper Button



To Silently Disarm the System:

First Press & Release the Small Middle Button, then Press & Release the Small Middle Button again



Upon Disarming:

- The siren will chirp once (or three times if an alarm activation occurred) unless the silent disarming procedure is followed.
- The parking and interior lights will flash once (then, if programmed, illuminate for 30 seconds or until the vehicle's ignition is turned on).
- 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 rapidly = Automatic Rearming feature is in progress.
 - Off = System disarmed (Automatic Rearming feature not selected).
 - Flash /Pause = Indicates violated zone if system has been activated.

*** The doorlock interface, in either standard form or driver's door priority form, must be installed**

Safety Disarm Feature:

Pressing and releasing the Large Upper Button while the system is activated into 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. 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 arm, then disarm the system 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 two 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 Status Indicator Light. During this 90 second period, if no protected entry points are opened and the vehicle’s ignition is **NOT** 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 continued on next page . . .

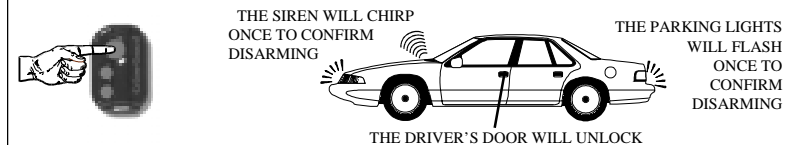
Automatic Rearming Notes:

- 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 Status Indicator Light, unless the system has been activated, in which case aa Alarm Condition Memory Recall code will flash instead (page 15). The ignition switch must be turned on to erase a Zone 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 Large Upper Button



Then, within 3 seconds of Disarming the System: Press & Release the Large Upper Button again to Unlock the remaining doors.



Notes:

- When disarming a system configured for Driver’s Door Priority, the user has the option of Silent Disarming or selective unlocking of the doors (Driver’s Door Priority). These are two separate operations and not interchangeable.

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

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. Please note that for this operation the pressing of the Valet Switch may be customized; this is the SecureCode feature, the programming of which is described on page 23.

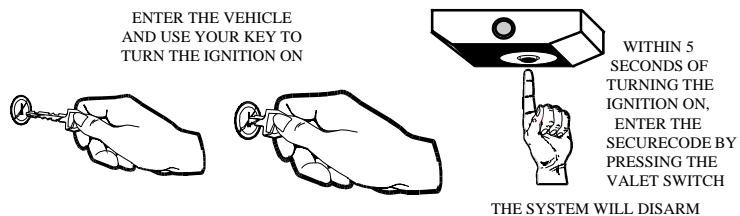
The following Emergency Override instructions reflect the SecureCode entry of the Valet Switch as the "as received" default setting of "1 press". Instead of "1 press" of the Valet Switch, a customized programming of the SecureCode would require from 2 to 12 presses.

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, enter the SecureCode by pressing and releasing the Valet Switch once. The system will disarm.



If the SecureCode entry of the Valet Switch is the "as received" default setting of "1 press", the system will disarm the moment the Valet Switch is released from the single press. If a customized SecureCode has been programmed, the system will disarm a few seconds after the correct entry. If an incorrect entry is made, the system will not disarm.

A procedure which separate, but similar, to an Emergency Override is the Easy Valet mode, which prevents the system from performing any automatic arming operations which may be programmed to occur. Easy Valet Mode is explained on page 14.

REMOTE PANIC

To Activate Panic:

Press & Hold the Large Upper Button for 3 Seconds

To Deactivate Panic:

Press & Release the Large Upper Button



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 30 second duration (60 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

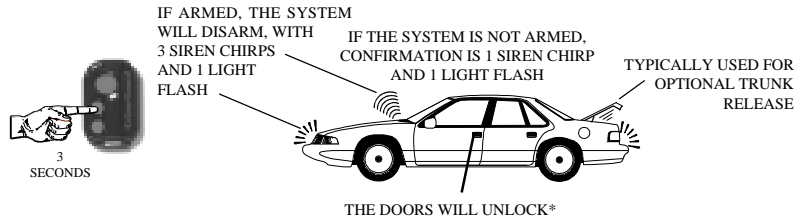
The previous sections have described the basic everyday operations of your Crime Guard system. The transmitter is also capable of operating several other optional functions which are explained in this section.

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.

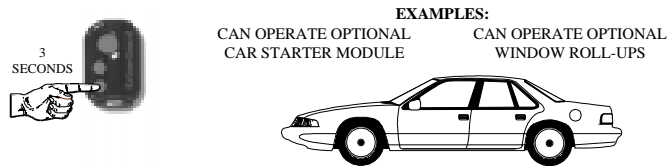
AUXILIARY OUTPUT #2 (Trunk Release)

To Activate Auxiliary Output #2:
Press & Hold the Small Middle Button for 3 Seconds



AUXILIARY OUTPUT #3

To Activate Auxiliary Output #3:
Press & Hold the Small Lower Button for 3 Seconds



- 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 #6 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.

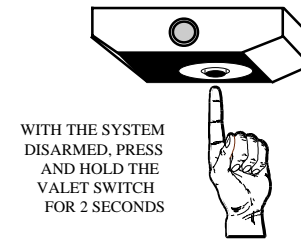
*** The doorlock interface must be installed. When Auxiliary Output #2 is operated, all of the doors will unlock, even if the vehicle is configured Driver's Door Priority.**

EASY VALET MODE

Easy Valet Mode: This allows you to turn off all off 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 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.



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 mounting in a hidden location be desired. Please become familiar with the location of the Easy Valet switch.

To Enter "Easy Valet" Mode:

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

To Exit "Easy Valet" Mode:

Press & Release the Valet Switch.

-The Status Indicator Light will turn off to confirm exit from Easy Valet mode.

STATUS INDICATOR LIGHT

The Red Status Indicator Light visually confirms the status of the system and provides a high level of visual deterrence. Additionally, the Status Indicator Light is also part of the patented Automatic Transmitter Verification feature and the Alarm Condition Memory Recall feature. 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 primary function of the Status Indicator Light is to indicate the status of the security system:

- 1) Off = The system is disarmed and not performing automatic functions.
- 2) On Constant = The system is in the Easy Valet Mode.
- 3) Flashing Slow = The system is fully armed.
- 4) Flashing Fast = Last Door Arming or Automatic Rearming is in progress.

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

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

Alarm Condition Memory Recall: If the system enters an alarm condition, the Red Status Indicator Light will stop flashing slowly 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) 2 Flashes /Pause = System was triggered through the hood or trunk.
- 10) 3 Flashes /Pause = System was triggered through the door.
- 11) 4 Flashes /Pause = System was triggered by the sensor.

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

GLASS BREAKAGE & 2-ZONE IMPACT SENSOR

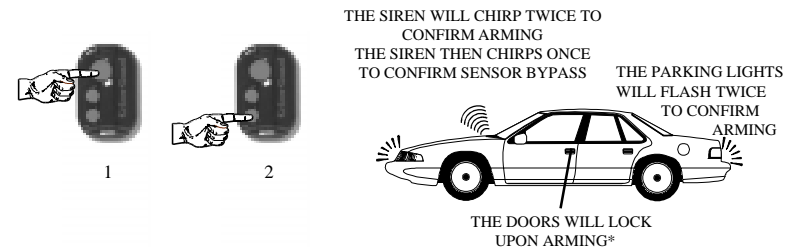
Sensors: The Crime Guard 745i³ security system is equipped with a Glass Breakage and Dual-Zone Infrasonic Impact Sensor to increase the effectiveness of the system. The impact sensor is just one in a comprehensive line of available sensors. Other available options are: piezo shock sensors, and microwave/radar sensors which can detect motion inside and outside the vehicle.

- The Crime Guard 745i³ control module features dual auxiliary sensor ports, which easily allows the addition of a further optional sensor.
- The system will automatically bypass the sensor zone if it is triggered five times during a single armed period. If desired, this feature can be programmed to not operate.

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.

REMOTE SENSOR BYPASS

To Activate Remote Sensor Bypass:
First Arm the System, then within 4 Seconds Press & Release the Small Lower Button.



Remote Sensor Bypass allows the option of "turning off" the sensor any-time the system is armed using the transmitter. When the sensor is bypassed, only the sensor zone is bypassed and all other protected zones will remain fully operational and vigilant. The sensor zone will reset to its normal operation the next time the system arms.

* The doorlock interface must be installed.

BACKUP BATTERY

This security system is equipped with a backup battery inside the control module. The backup battery will provide an alternative power source to operate the Crime Guard system if the vehicle's battery is disconnected. A built-in protection circuit will not allow the backup battery to supply power into the vehicle's electrical system.

While operating on the backup battery, the system will not have the flashing lights output, the Status Indicator Light, nor power any sensors in order to conserve power. The siren will continue to operate at its maximum sound output, all protected entry zones (besides the sensor) will continue to be monitored, and the Starter Interrupt will operate while the system is armed. The backup battery should be replaced by your authorized Crime Guard dealer every 18 months, or any time the backup battery has operated the system on its own.

Anticipated life for the backup battery under following conditions:

- 2 days as the system's only power source while armed.
- 25 activated alarm cycles: An activated cycle has a 30 second duration during which the siren is sounding. The cycle ends when the system automatically resets itself to the armed state.
- 50 separate arming or disarming commands.
- 18 months if the backup battery circuit has not been used.

2nd & 3rd VEHICLE OPERATION

Up to three systems may be independently operated using a single transmitter. The transmitter's button functions can be programmed to be different for each vehicle. This ability to change the button assignment prevents arming and disarming the multiple systems simultaneously. (Refer to the following chart for button function assignment)

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

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 entering the system's programmed SecureCode using the Valet Switch. 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 starter 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. If the SecureCode has been customized, the correct number of Valet Switch presses must be made.

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 #12.

Level #2: Vehicle Recovery activated 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 #13.

Level #3: Vehicle Recovery activated using a remote control:

The Vehicle Recovery process is started by pressing holding the transmitter's Small Lower Button for 3 seconds, but only if the vehicle's ignition is on. This is programmable feature #14.

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 shows different number of authorized transmitters, you can easily reprogram your transmitters to eliminate the threat. (please refer to page 22)

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 745i³

The Crime Guard 745i³ is a sophisticated, yet flexible security and convenience system. Many of its operations may be configured as the user desires- "Programming Mode" allows you the ability to configure 20 operational features. Another programming level allows you to add transmitters to operate your system, and an additional programming level enables you to customize the SecureCode.

Your vehicle ignition key and the Valet Switch are used to enter the Programming Mode, following 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 Light will also 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 Large Upper Button turns the feature on, or pressing the transmitter's Small Lower Button turns the feature off. Features which are not "on or off" features, such as the 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: Within 5 seconds, 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: Within 10 seconds, Press & Release the Valet Switch the same number of times as the desired feature's number.
 - The siren will chirp and the Status 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, within 10 seconds Press & Release either the transmitter's Large Upper Button or the Small Lower Button.

- Pressing the Large Upper Button turns the feature on; the siren will chirp once and the Status Light will turn on.
- Pressing the Small Lower Button turns the feature off; the siren will chirp twice and the Status Light will turn off.

To Access and Change further Features:

Step 6: If there are more features to be programmed, within 10 seconds 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 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 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 buttons. Features can be selected in any order as desired.

The following pages explain each of the programmable features in detail, including how to program transmitters and how to customize your system's SecureCode. Following the features explanation is a convenient feature programming checklist, which greatly simplifies the feature programming process.

THE 745i³'s PROGRAMMABLE FEATURES

Feature #1

Transmitter Programming Mode

The first level in the programmable features menu is Transmitter Programming Mode, by which additional or replacement transmitters can be programmed to operate the system. It is important to note that when a transmitter is programmed into the system, the ATV Warning is activated and all previous transmitter codes in the system's memory are deleted.

If a third or fourth transmitter is to be added to operate the system, all of the transmitters must be programmed into system's memory at the same time, as the first new transmitter code entered will erase the existing transmitter codes. Therefore, if your system should ever be compromised by the addition of an unauthorized transmitter, the ATV feature will warn you. By simply reprogramming all of your transmitters into the system, the unauthorized transmitter will be erased.

To program a transmitter:

Follow Steps 1 to 4 on page 20; at Step 4 the Valet Switch will be pressed and released one time only. The system's response will be one siren chirp, and the Status Light flashing one time, pausing, then repeating. Within 10 seconds, press and release the Large Upper Button of the first transmitter. The system confirms "learning" the transmitter's code chirping the siren once. Repeat this action with each transmitter to be programmed. Only the Large Upper Button of the transmitter needs pressing and release; all of the other transmitter button's operations will be learned automatically.

To program a transmitter to a "2nd" or "3rd" system:

Up to three Crime Guard systems may be independently operated using a single transmitter. To accomplish this, the transmitter's button functions are different for each of the vehicles. This prevents Arming or Disarming the multiple systems simultaneously when all are within range of the transmitter. To program a transmitter for 2nd or 3rd systems, when programming press and release either of the small buttons instead of the Large Upper Button. The system will automatically assign the transmitter's other functions in a different order. The following chart shows button function assignment.

<u>Arm/Disarm</u>	<u>Auxiliary Output #2</u>	<u>Auxiliary Output #3</u>
Large Button	Small Button	Small Button
Small Button	Large Button	Small Button
Small Button	Large Button	Small Button

Only the "Arm/Disarm" button is pressed when programming.

**Feature #2 SecureCode Programming Mode
(Factory Default Setting: 1 Press)**

SecureCode is a unique patented feature which allows you to custom select the number of Valet Switch presses which would be required in order to perform an Emergency Override. Instead of “1 press” of the Valet Switch, a customized programming of the SecureCode would require from 2 to 12 presses. If any of the three Vehicle Recovery features are utilized, a customized SecureCode would require that the correct SecurCode entry of Valet Switch be made to cancel the Vehicle Recovery activation.

The “as received” factory default setting of “1 press” is the most convenient, as an Emergency Override will occur instantly when the Valet Switch is pressed, but it is not as secure as a customized setting. When a customized SecureCode has been programmed, the system will disarm a few seconds after the correct entry.

To custom program a new SecureCode:

Follow Steps 1 to 4 on page 20; 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 Light flashing twice, pausing, then repeating. Within 10 seconds, press and release the transmitter’s Large Upper Button; the siren will chirp twice to confirm system is ready to accept the new SecureCode entry. Now press and release the Valet Switch the desired number of times. The SecureCode can be programmed for 1 to 12 presses, but the entry must be made within 5 seconds. Wait for the siren to chirp the same number of times as the Valet Switch presses to confirm the new SecureCode entry.

Important: If no additional features need to be programmed, exit Programming Mode by allowing the 10 second time limit to expire without any further programming activity. Do not exit Programming Mode by turning on the ignition switch.

**Feature #3 Chirp Confirmation
(Factory Default Setting On)**

This feature allows the permanent removal of the system’s chirping the siren as a 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.

Changing the Chirp Confirmation:

Follow Steps 1 to 4 on page 20; 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 Large Upper Button to turn the Chirp Confirmation on (the siren will chirp once) or the Small Lower Button to turn the Chirp Confirmation off (the siren will chirp twice).

**Feature #4 30 or 60 Second Alarm Duration
(Factory Default Setting 30 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 20; 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 Large Upper Button to set the Alarm Duration for 30 seconds (the siren will chirp once) or the Small Lower Button to set the Alarm Duration for 60 seconds (the siren will chirp twice).

**Feature #5 Automatic Sensor Zone Bypass
(Factory Default Setting On)**

This feature configures the system to automatically bypass the sensor protection zone if the sensor should be triggered five times during a single Armed state. If the sensor is bypassed, it will be reinstated the next time the system becomes Armed.

Programming Automatic Sensor Zone Bypass:

Follow Steps 1 to 4 on page 20; 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 Large Upper Button to turn the Automatic Sensor Zone Bypass feature on (the siren will chirp once) or the Small Lower Button to turn this feature off (the siren will chirp twice).

Feature #6	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 20; 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 Large Upper Button to have the system Disarm when Auxiliary Output #2 is used (the siren will chirp once) or the Small Lower Button to have Auxiliary Output #2 not Disarm the system when it is used (the siren will chirp twice).

Feature #7	Last Door Arming (Factory Default Setting On)
-------------------	--

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 20; 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 Large Upper Button to turn on Last Door Arming (the siren will chirp once) or the Small Lower Button to turn off Last Door Arming (the siren will chirp twice).

Feature #8	Doors Lock With Last Door Arming (Factory Default Setting Off)
-------------------	---

This feature adds the automatic locking of the doors to the previous feature, 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 #7 must be turned on for this feature to operate.

Programming Doors Lock With Last Door Arming:

Follow Steps 1 to 4 on page 20; 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 Large Upper Button to turn on the Doors Lock With Last Door Arming feature (the siren will chirp once) or the Small Lower Button to turn off the feature (the siren will chirp twice).

Feature #9	Parking Light Illumination Upon Disarm (Factory Default Setting Off)
-------------------	---

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

Programming Parking Light Illumination Upon Disarm:

Follow Steps 1 to 4 on page 20; 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 Large Upper Button to have the parking lights turn on for 30 seconds when the system is Disarmed (the siren will chirp once) or the Small Lower Button to have the parking lights only flash once when the system is Disarmed (the siren will also chirp once).

Feature #10 Starter Interrupt Operates In Valet Mode (Factory Default Setting Off)

This feature configures the system to engage the starter interrupt circuit when the remote transmitter is used to lock the vehicle's doors while the system is in Valet Mode. When this is done, the transmitter must be used to unlock the doors or an Emergency Override must be performed to disengage the starter interrupt.

Programming Starter Interrupt Operates In Valet Mode:

Follow Steps 1 to 4 on page 20; 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 Large Upper Button to turn this feature on (the siren will chirp once) or the Small Lower Button to turn this feature off (the siren will chirp twice).

Feature #11**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 20; 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 Large Upper Button to configure the doorlock pulse for .8 second (the siren will chirp once) or the Small Lower Button to configure the doorlock pulse for 3 seconds (the siren will chirp twice).

Feature #12**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 18.

Programming Ignition Activated Vehicle Recovery:

Follow Steps 1 to 4 on page 20; 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 Large Upper Button to turn on Ignition Activated Vehicle Recovery (the siren will chirp once) or the Small Lower Button to turn this feature off (the siren will chirp twice).

Feature #13**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 18.

Programming Door Activated Vehicle Recovery:

Follow Steps 1 to 4 on page 20; 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 Large Upper Button to turn on the Door Activated Vehicle Recovery feature (the siren will chirp once) or the Small Lower Button to turn this feature off (the siren will chirp twice).

**Feature #14 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 18.

Programming Transmitter Activated Anti Car-Jacking:

Follow Steps 1 to 4 on page 20; 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 Large Upper Button to turn on the Transmitter Activated Vehicle Recovery feature (the siren will chirp once) or the Small Lower Button to turn this feature off (the siren will chirp twice).

Feature #15**Automatic Rearming
(Factory Default Setting On)**

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 page 10.

Programming Automatic Rearming:

Follow Steps 1 to 4 on page 20; 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 Large Upper Button to turn on the Automatic Rearming feature (the siren will chirp once) or the Small Lower Button to turn the Automatic Rearming feature off (the siren will chirp twice).

Feature #16 Doors Lock With Automatic Rearm (Factory Default Setting On)

This feature adds the automatic locking of the doors to the previous feature, 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 #15 must be turned on for this feature to operate.

Programming Doors Lock With Automatic Rearming:

Follow Steps 1 to 4 on page 20; 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 Large Upper Button to turn this feature on (the siren will chirp once) or the Small Lower Button to turn this feature off (the siren will chirp twice).

Feature #17 **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 20; 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 Large Upper Button to configure the system with a 3 second Arming Delay (the siren will chirp once) or the Small Lower Button to configure the system with a 45 second Arming Delay (the siren will chirp twice).

**Feature #18 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 #21 is turned on, and a door being open when the ignition switch is turned on. The two following features, #19 and #20, control the automatic unlocking operation.

Programming Doors Lock When Ignition Is Turned On:

Follow Steps 1 to 4 on page 20; 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 Large Upper Button to turn on "Doors Lock When Ignition Turned On" (the siren will chirp once) or the Small Lower Button to turn this feature off (the siren will chirp twice).

Feature #19	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 #21 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 20; 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 Large Upper Button to turn on "Unlock #1 When Ignition Turned Off" (the siren will chirp once) or the Small Lower Button to turn this feature off (the siren will chirp twice).

Feature #20 Unlock #2 When Ignition Is Turned Off (Factory Default Setting On)

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 20; 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 Large Upper Button to turn on "Unlock #2 When Ignition Turned Off" (the siren will chirp once) or the Small Lower Button to turn this feature off (the siren will chirp twice).

Feature #21 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 #18, #19, or #20 must be turned on for this feature to operate.

Programming Open Door Bypass Of Ignition Locking:

Follow Steps 1 to 4 on page 20; 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 Large Upper Button to turn on "Open Door Bypass Of Ignition Locking" (the siren will chirp once) or the Small Lower Button to turn this feature off (the siren will chirp twice).

Feature #22 1 Or 2 Button Transmitter Operation (Factory Default Setting 1 Button Operation)

This feature changes the configuration of how the transmitter operates the system. In the factory default setting of "1 Button Operation", a single transmitter button alternates Arming and Disarming the system with every press of the button. When this feature is programmed to the "2 Button

Operation" setting, one of the transmitter's buttons will only Arm the system, and a second button will only disarm the system. An optional transmitter with four buttons, Omega part number #105-05, is available from your Crime Guard dealer or directly from Omega Research and Development. The following pages will show the system's operation with either type of transmitter.

Programming Transmitter 1 Or 2 Button Operation:

Follow Steps 1 to 4 on page 20; 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 Large Upper Button to configure the system for "1 Button Operation" (the siren will chirp once) or the Small Lower Button to configure the system for "2 Button Operation" (the siren will chirp twice).

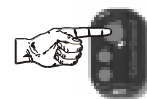
TRANSMITTER "2 BUTTON" OPERATION

Programmable feature #22 changes the configuration of how the transmitter operates the system. In the factory default setting of "1 Button Operation", a single transmitter button alternates Arming and Disarming the system with every press of the button. When this feature is programmed to the "2 Button Operation" setting, one of the transmitter's buttons will only Arm the system, and a second button will only disarm the system. An optional transmitter with four buttons is available; an order form is found on page 36.

To Arm the System:

3 Button Transmitter

Press & Release the Large Upper Button



OR



THE SIREN CHIRPS TWICE
TO CONFIRM ARMING



Press & Release the "Arm/Lock" Button ()

Optional 4 Button Transmitter

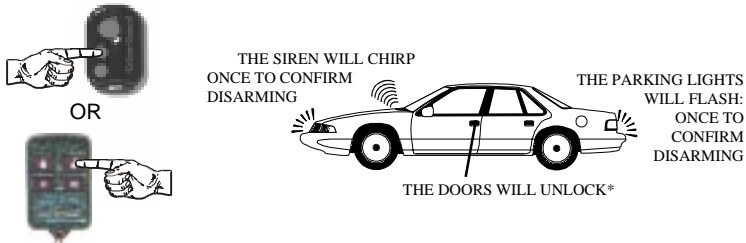
*** The doorlock interface must be installed**

To Disarm the System:

3 Button Transmitter

Press & Release the Small Center Button

With Driver's Door Priority, again Press & Release the Small Center Button to unlock the remaining doors



Press & Release the “Disarm/Unlock” Button ()

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

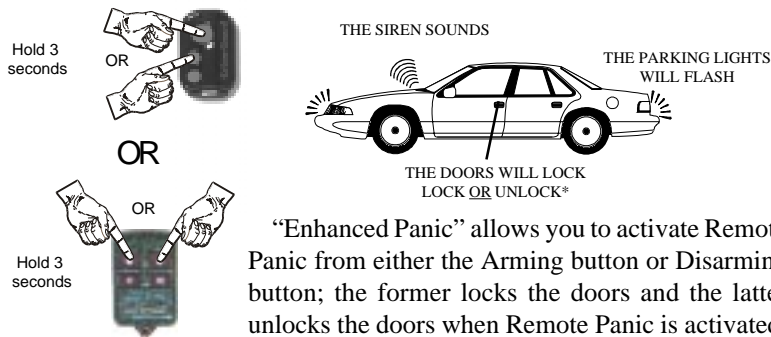
Optional 4 Button Transmitter

To Activate “Enhanced Panic”:

3 Button Transmitter

Press & Hold for 3 Seconds the Large Upper Button

OR the Small Center Button



Press & Hold for 3 Seconds the “Arm/Lock” Button ()

OR the “Disarm/Unlock” Button ()

Optional 4 Button Transmitter

To Deactivate Panic:

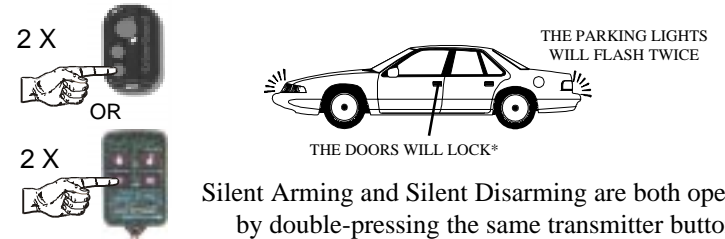
Press & Release either button

* The doorlock interface must be installed

To Silently Arm and Disarm the System:

3 Button Transmitter

Press & Release the Small Lower Button Twice



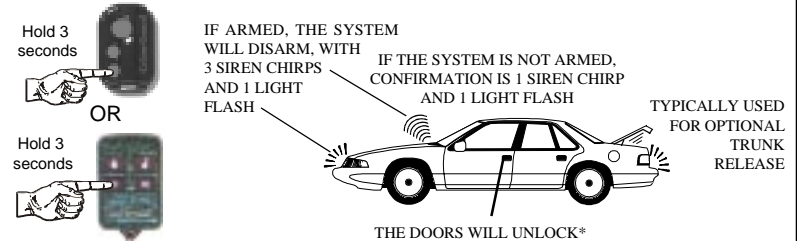
Press & Release the “Auxiliary Output #2” Button (II) Twice

Optional 4 Button Transmitter

To Activate Auxiliary Output #2:

3 Button Transmitter

Press & Hold for 3 Seconds the Small Lower Button



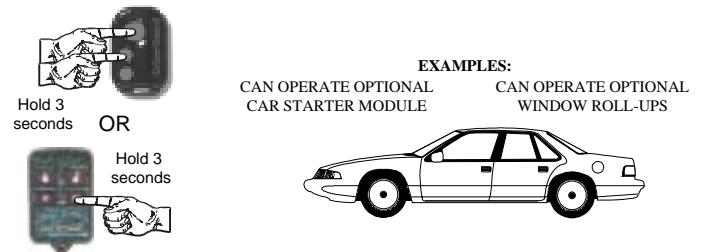
Press & Hold for 3 Seconds the “Auxiliary Output #2” Button (II)

Optional 4 Button Transmitter

To Activate Auxiliary Output #3:

3 Button Transmitter

Press & Hold for 3 Seconds the Large Upper and Small Lower Button



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

Optional 4 Button Transmitter

* The doorlock interface must be installed

To Activate Remote Sensor Bypass:

3 Button Transmitter

Press & Release the Large Upper Button to Arm, then Press & Release the Small Lower Button

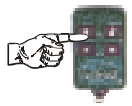


1



2


OR



1



2

Press & Release the "Arm/Lock" Button ( to Arm, then Press & Release the "Auxiliary Output #2" Button (II)
Optional 4 Button Transmitter

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



THE DOORS WILL LOCK
UPON ARMING*

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
3-Button Rosewood

_____ pcs. #119-05B
3-Button Ebony

_____ pcs. #105-05
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 _____

Standard 3 Button
Transmitters-

“Rosewood”
part number:
#119-05R



“Ebony”
part number:
#119-05B



The optional 4 Button
transmitter is ideal for use with
the “2 Button Operation” feature
offered by your Crime Guard
system. Please see pages 31-
35 for a detailed description
of this feature’s operation
and how to program it.

Optional 4 Button
Transmitter-

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



FEATURES PROGRAMMING CHECKLIST

This checklist will assist you when programming features. Before attempting feature programming, please carefully read pages 20 and 21 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 22 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)

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 an equal amount)

Step 3 - Press the transmitter’s Large Upper Button to turn the feature “on”, or press the Small Lower 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

#	FEATURE	DEFAULT
1	<input type="checkbox"/> TRANSMITTER PROGRAMMING	
2	<input type="checkbox"/> SECURECODE PROGRAMMING	1 press- see page 23
3	<input type="checkbox"/> Chirp Confirmation	ON (large upper button)
4	<input type="checkbox"/> 30 / 60 Second Activated Alarm Cycle	30 Seconds (large upper button)
5	<input type="checkbox"/> Automatic Sensor Zone Bypass	ON (large upper button)
6	<input type="checkbox"/> Auxiliary Output #2 Also Disarms System	ON (large upper button)
7	<input type="checkbox"/> Last Door Arming	ON (large upper button)
8	<input type="checkbox"/> Doors Lock With Last Door Arming	OFF (small lower button)
9	<input type="checkbox"/> Parking Light Illumination Upon Disarm	OFF (small lower button)
10	<input type="checkbox"/> Starter Interrupt Operates In Valet Mode	OFF (small lower button)
11	<input type="checkbox"/> .8 / 3 Second Doorlock Pulse	.8 Second (large upper button)
12	<input type="checkbox"/> Ignition-Activated Vehicle Recovery	OFF (small lower button)
13	<input type="checkbox"/> Door-Activated Vehicle Recovery	OFF (small lower button)
14	<input type="checkbox"/> Transmitter-Activated Vehicle Recovery	OFF (small lower button)
15	<input type="checkbox"/> Automatic Rearming	ON (large upper button)
16	<input type="checkbox"/> Doors Lock With Automatic Rearming	ON (large upper button)
17	<input type="checkbox"/> 3 / 45 Second Arming Delay	3 Second (large upper button)
18	<input type="checkbox"/> Doors Lock At Ignition "On"	ON (large upper button)
19	<input type="checkbox"/> Unlock #1 At Ignition OFF	ON (large upper button)
20	<input type="checkbox"/> Unlock #2 At Ignition OFF	OFF (small lower button)
21	<input type="checkbox"/> Open Door Bypass To Features 18, 19, 20	ON (large upper button)
22	<input type="checkbox"/> One / Two Button Arming / Disarming	One Button (large upper button)
<p>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.</p>		

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®