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EXCALIBUR®
GOLD SERIES

OWNER'S MANUAL

Introduction

Congratulations on the purchase of your new Excalibur Gold security system and on joining over 8 million people worldwide who have trusted their vehicle's security to the designers of Omega Research & Development, Inc. Your Excalibur Gold system combines state-of-the-art security technology with practical, user-friendly convenience features. You will have increased peace of mind knowing that your vehicle, and its contents, are protected. The added convenience features will also enhance the enjoyment and satisfaction of the day-to-day use of your vehicle. To learn how to operate your security system, please become familiar with the following three principal user components: the Remote Transmitter, the Red LED Status Indicator and the Valet Switch.

The Remote Transmitter: Each security system comes with two pre-learned transmitters, but can learn up to 4 different transmitters. The transmitter has three buttons: one large button at the top, near the LED* and two smaller buttons below. This system is pre-programmed, through a built-in learning routine, to have the transmitter buttons work in the following configuration:

The large upper button is used to arm, disarm and panic the security system.

The small center button may be used to operate the trunk release feature; or, in conjunction with the large button, for silent arming or disarming of the system, to operate remote sensor bypass, and temporary remote valet.

The small lower button is used to operate the 3rd Channel Output.

The remote transmitter's operation is explained in more detail on Pages 7-9.

* LED is the abbreviation for Light Emitting Diode, which is used as a visual indicator.

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The Valet Switch: This switch is used to place the system into Valet Mode, which prevents manual arming and any automatic system functions which may have been programmed to operate. The Valet Switch is also used, in conjunction with the ignition key, to perform an Override function, which will allow you to disarm the security system in the event the transmitter becomes inoperable. And finally, the Valet Switch is also used as part of the Programmable Features and Transmitter Programming procedures.

The Red LED Status Indicator: Informs you of the possible conditions the security system can be in; and also serves as a visual deterrent to break-ins and theft. The LED Status Indicator is also used as the visual indicator for the Automatic Transmitter Verification™ Feature.

The Valet Switch and the Red LED Status Indicator are supplied with a consolidated mounting enclosure, which places them together for ease of operation, or, if desired, they may be located separately and mounted by alternative methods. Please spend time reviewing this guide to become familiar with your Excalibur Gold vehicle security system. We trust that you will find the new Excalibur Gold vehicle security system performs to your highest expectations, and will provide you with years of trouble-free convenience and protection.

Please note that your new Excalibur Gold vehicle security system has 10 user and installer Programmable Features, described in detail in a later section, which allows customizing the system's operations, some to suit your personal needs, and others which adapt the system to a particular vehicle's installation parameters.

Excalibur Gold Advanced System Features

Automatic Transmitter Verification™: Your Excalibur Gold vehicle security system is protected against a weakness which is shared by all other remote security systems, even factory-equipped Remote Keyless Entry systems: a thief's ability to code his own, unauthorized transmitter to operate your system for the purpose of stealing your vehicle or it's contents.

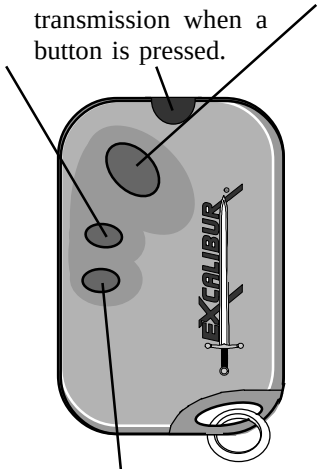
IMPORTANT NOTE: For the first 48 hours after your new system is installed, every time the ignition switch is turned "on", the siren will chirp rapidly (or the horn will honk rapidly) for two seconds, and the LED Status Light will flash for 90 seconds. *This will also occur in the event of a new transmitter code being entered into the system.*

Also, in normal operation, every time the ignition switch is turned "on", the LED Status Indicator will flash and pause for ten seconds, the number of flashes between each pause being equal to, and confirming, the number of transmitters encoded to operate your system. For example: two flashes and a pause indicate that only two transmitters are coded to operate your system. In the event the system alerts you to a recent transmitter addition, or if the LED Status Indicator flashes a total different from the number of transmitters you have programmed to operate your system, you can now immediately reprogram your transmitters, effectively erasing any unauthorized transmitters.

Transmitter Operations

Small Center Button-
If this button is held for 3 seconds, the security system will activate the trunk release function.
If this button is pressed and then the large button is pressed within 3 seconds, the security system will arm or disarm without audible confirmation.
If this button is pressed within 3 seconds after arming the system, the Auxiliary sensor will be deactivated.
If this button is pressed within 3 seconds after disarming, the system will enter Remote Valet.

Red LED Light- Illuminates and confirms transmission when a button is pressed.



Large Upper Button- Pressing and releasing this button will arm and disarm the security system. If the optional doorlock interface is installed, the doors will lock upon arming, and unlock upon disarming.
Pressing and holding this button for 3 seconds will "Panic" the system- which will sound the siren (or horn), flash the exterior lights, and also lock the doors.

Small Lower Button-
Pressing this button for 3 seconds may be used to activate other optional equipment, such remote car starting units; or the programmable Anti-Carjacking feature (Page 26).

The Patented Automatic Transmitter Verification™ feature is the industry's first response addressing the growing problem of a professional thief defeating a vehicle security system by coding his own transmitter to operate the system. Previously, garage door openers were commonly duplicated by burglars to gain home entry. Now when you leave your vehicle and keys with any individual for any reason, you will have the peace of mind of knowing that only your transmitters will operate the security system and that no other person has coded extra transmitters to steal your vehicle.

Transmitter Code Jumping™: When the remote control transmitter is operated, a switch upon it is pressed so that it may transmit an encoded Radio Frequency (RF) signal. The word "frequency" denotes the wavelength of the signal, and the encoding is a digital message within the signal which ensures the correct command is followed by the proper receiving system. A common analogy used to illustrate this is a common pocket radio - the frequency denotes where to turn the radio's dial to hear a particular program, and the encoding is the language and words which, if correct, are understood by the listener.

Each time you transmit a code to the security system, the transmitter and security system will advance to another code to use for the transmission. The Code Jumping™ Transmitter prevents a thief from using a "code grabber" device to record and play back a transmission for the purpose of disarming your vehicle security system. Please note that pressing the transmitter's arm / disarm button many times *while it is out of range* of the security system can advance its codes beyond the range of recognition. If this occurs, simply press the arm / disarm button a few times *within range of the system* to re-synchronize the Code Jumping™ sequence between the transmitter and the security system control module.

The Remote Transmitter

Transmitter Button Operation: The transmitter's three buttons individually control the system's functions; and certain other operations may be performed by first pressing and releasing one, then another button in sequence. Complete transmitter button operations are:

1) **Arm / Lock:** (System Disarmed) Press and release the Large Upper Button.
2) **Disarm / Unlock #1:** (System Armed) Press and release the Large Upper Button.
3) **Remote Panic Feature:** (At any time) Press and hold the Large Upper Button 3 seconds.
4) **Trunk Release Output:** (At any time) Press and hold the Small Center Button 3 seconds. This operation also disarms the system (if armed).
5) **3rd Channel Output:** (At any time) Press and hold the Small Lower Button for 3 seconds. If the Anti-Carjacking Feature is programmed to operate, it will be activated if the ignition switch is on and 3rd Channel Output is operated.
6) **Silent Arm / Lock:** (System Disarmed) Press and release the Small Center Button, then press and release the Large Upper Button.
7) **Silent Disarm / Unlock:** (System Armed) Press and release the Small Center Button, then press and release the Large Upper Button.
8) **Arm and bypass the Auxiliary Sensor:** (System Disarmed) Press and release the Large Upper Button, then press and release the Small Center Button.
9) **Disarm, then Remote Valet:** (System Armed) Press and release the Large Upper Button, then press and release the Small Center Button.

Please note that certain conditions will affect the previously described system operations - if the ignition switch is "on", the security system cannot be armed, but pressing and holding the transmitter's Large Upper Button for 3 seconds will engage the Remote Panic Feature. The Trunk Release output will not operate with the ignition "on", *unless a door is open*. The 3rd Channel output may be operated regardless of the ignition switch's status. Also, while in Valet Mode, the system cannot become armed, but will still operate the vehicle's doorlocks, parking and dome lights, trunk release, and any function operated by the 3rd Channel Output.

Arming The System Using The Transmitter

To "arm" your security system is to place it into a state whereby it will respond to any detected intrusion attempt. The security system can always be armed from the transmitter provided the ignition switch is “off”, and the system is disarmed and not in the Valet Mode. To arm the system, after you exit the vehicle and close all of the doors, simply press and release the large transmitter button once, Instantly the exterior and interior lights will flash once, the siren will chirp once (or the horn will honk once) and the LED Status Indicator will begin to flash confirming that the system is armed. Further, the doors will lock and the starter interrupt circuit will prevent any attempt to start the vehicle. Three seconds after the single siren chirp (or horn honk) and light flash, your security system is fully armed, and is ready to respond if an intrusion attempt is detected.

Arming Bypass: Upon arming, if any sensor circuit is inoperable, that circuit is bypassed. For example, if the trunk is left open, you can still arm the system normally from the transmitter. When armed in this condition, the siren will chirp (or the horn will honk) three

and Automatic Relock feature has also been chosen) and the LED Status Indicator will slow to a steady flash, confirming that the security system is fully armed. However, if a point of entry is reopened before the single siren chirp (or horn honk) and light flash at 30 seconds, this passive arming process stops, and resets to start over again when that point of entry is re-closed.

"Automatic Last Door Arming" offers a high level of security, since it does not require you to remember to arm the security system when you leave your vehicle. Additionally, Automatic Last Door Arming may entitle you to an insurance discount. Please note that the previously described Arming Bypass feature does not operate with Automatic Last Door Arming. The Arming Bypass is designed to operate only when arming from the transmitter, because all protected entries must be closed prior to the Automatic Last Door Arming sequence to start.

To prevent the system from automatically arming while the vehicle is being refueled, you should put the system in Valet Mode, keep your door open, or turn on your dome light switch so the system detects that your door is still open. We do not recommend leaving your ignition key turned "on". Last Door Arming does not effect the operation or use of the transmitter to arm the system - if desired, the transmitter may still arm the system at any time.

Automatic Rearming: Selecting the Last Door Arming Feature also adds Automatic Rearming. This Feature causes the system to automatically rearm itself 90 seconds after disarming, unless the ignition switch is turned "on". This prevents the accidental disarming of the system by the inadvertent pressing of the transmitter's button while placing it in a purse

times instead once. The bypassed circuit will automatically be reinstated for protection 5 seconds after that circuit becomes operative, i.e., when the trunk is closed. When a triggered circuit is in a bypassed state, all other operating circuits will be protected normally.

Sensor Bypass: Your Excalibur Gold system provides you with the convenient option of temporarily deactivating the Auxiliary Sensor without affecting any other trigger circuit. To deactivate the Auxiliary Sensor, simply press and release the small center transmitter button within 3 seconds of pressing the large transmitter button to arm the system. You will hear a second siren chirp (or horn honk), confirming the security system has armed without the sensor circuit protecting the vehicle. The next time you arm the security system, the system will reset to its normal condition, and the Auxiliary Sensor will again be part of your protection. If desired, a second Auxiliary Sensor may be easily added to your system.

You may program your Excalibur Gold security system to automatically arm and, if desired, also lock the doors. This feature is described in the following section. Automatic Rearming is another method whereby the system can become armed. This is a Programmable Feature, which may be configured to operate if desired, and is described on Page 11.

Passive System Arming And Rearming

Last Door Arming: Your security system can be programmed to arm automatically when the vehicle's last door is closed. The moment the last door closes the siren will chirp once (or the horn will honk once), the parking lights and dome lights flash once and the LED Status Indicator begins to flash rapidly. Thirty seconds later the siren again chirps once (or the horn will honk again), the lights flash once, the doors will lock (if the Last Door Lock

or pocket. If the "Last Door Locking and Automatic Relocking" Programmable Feature is utilized, the doors will also lock when the system automatically rearms. Automatic Rearming is indicated by a fast flashing LED Status Light during the 90 seconds, then a parking light flash and siren chirp (or horn honk) when the system rearms.

Remote Valet: This Feature, which operates as part of the Automatic Rearming Feature, will temporarily cancel the Automatic Rearming. To use Remote Valet, press and release the small lower transmitter button within 3 seconds after pressing the large transmitter button when disarming the system. The parking lights will flash on and off, and the LED Status Indicator will illuminate steady to confirm Remote Valet operation. The system will remain in Remote Valet mode until armed again by transmitter; or, the Valet Switch may be pressed.

Security System Armed And Activated

While the security system is armed, the LED Status Indicator will be flashing. Should any intrusion attempt occur, your system will instantly activate, or "trigger". Once triggered, the system will:

1) Sound the electronic siren or the vehicle's horn. The siren features six different tones, and every 5 seconds the siren will change the tone to generate more attention to the vehicle. The horn will sound a series of honks, sounding for one second, then pausing one second. Every ten seconds, the horn honking will pause completely for 5 seconds, which avoids overheating the horn. This will occur for the duration of

the activated cycle.

2) The exterior lights will flash.

3) The doors will relock. This feature is so unique that the security system monitors the status of the door and, if open, the system waits until the door is closed, at which time it relocks the doors, so that the thief cannot easily regain entry.

The siren (or horn) and the parking lights will stay active for 60 seconds, or, unless you disarm the system with the transmitter or by using the Valet Override. If all protected entries are secure at the end of 60 seconds, the system will stop and rearm automatically to detect another entry attempt. If there is a protected entry still open, or an optional sensor still in a triggered state at the end of 60 seconds, the system will reactivate for two more 60 second cycles. The system will stop after a total of 3 minutes and rearm automatically, while ignoring only the open entry or triggered circuit. When the entry is closed, protection will begin instantly for that circuit.

After the activation of the security system, the disarm confirmation will no longer be 2 siren chirps (or horn honks), and the parking lights staying on. Instead, the system responds by producing 4 siren chirps (or horn honks) and the parking lights and dome lights flash 4 times before staying on for 30 seconds. The LED Status Light changes to flashing two to five times, then pausing 1 second to indicate which protected zone triggered the system. The LED Status Light will continue flashing this Zone Violation Code until the ignition switch is turned “on”, which clears the system's LED Status Light memory circuit.

The Valet Switch - Easy Valet™ & Override Modes

The Valet Switch is designed to keep the security system from actively or passively arming during extended stopovers for service stations, maintenance, valet parking, car washing, etc., by placing the system into Valet Mode. There are two methods to obtain Valet Mode: first is Easy Valet™, whereby a *disarmed* system may be placed into Valet Mode without the ignition key, and the second is Valet Override, which will disarm an *armed or activated* system and requires the use of the ignition key.

Another form of Valet, Remote Valet, may be used if the Last Door Arming and Automatic Rearming Feature has been selected. This operation is performed via the transmitter upon disarming, and is explained on Page 12.

Easy Valet™: This unique feature can be activated anytime the alarm is in the disarmed condition. Easy Valet™ is unique because other security systems require the ignition switch to be "on", but with this system, the ignition can be either "on" or "off".

Whenever the system is disarmed, simply depress the Valet Switch for two seconds to achieve the Valet Mode. The system will confirm it is in the Valet Mode with two siren chirps (or horn honks), and the LED Status Light will come on constant. The system will hold memory of the Valet Mode condition while the ignition is "on" or "off". While in the Valet Mode, the transmitters can still operate the Panic feature, an optional power doorlock interface, or optional trunk release. Additionally, the doors will lock when the ignition is turned "on" and unlock when turned "off"', if this programmable feature is being utilized.

Disarming The System Using The Transmitter

While the security system is in the armed state, pressing and releasing the large transmitter button once instantly disarms the system and unlocks the doors. Disarming is confirmed by the siren chirping (or horn honking) twice, and the parking and interior lights turning on for 30 seconds. However, the lights turn off instantly if the ignition switch is turned "on". If the system was triggered while you are away, the disarm confirmation changes to 4 siren chirps (or horn honks), 4 light flashes, and then the lights stay on for 30 seconds, to illuminate the way to your vehicle. The security system has this response upon disarming until the ignition switch is turned "on", which clears the unit's memory. Anytime the security system triggers, the LED Status Light will indicate which zone triggered the system by flashing two to five times, pausing between flashes. This violation code continues to flash, even after disarming. The system can hold four different codes in memory, which is cleared by turning the ignition switch "on".

Your Excalibur Gold vehicle security system offers a very high level of personal safety and convenience with the advanced features utilized upon disarming. The ability to know instantly, if your system was triggered while you were away, and the exterior and interior light illumination allows you a lighted approach to your vehicle with the ability to examine the interior before entering.

If the security system must be disarmed without the use of the remote transmitter, please see "*The Valet Switch - Easy Valet™ & Override Modes*" section.

Valet Override - Disarming The Security System Without The Transmitter: In the event the transmitter is lost, damaged, or its batteries become exhausted, the Valet Switch *and your ignition key* may be used to disarm the system:

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

Step 2: Using your key, turn "on" the ignition.

Step 3: Within 10 seconds, press and hold the Valet Switch and the alarm will disarm instantly.

The Valet Switch is also part of the programming operations for learning new transmitter codes and changing programmable features. These operations are explained in detail starting on Page 22.

Exiting The Valet Mode: Whenever the security system is in Valet Mode, simply press the Valet Switch and instantly the system reverts to the disarmed condition. To confirm that Valet Mode has exited, the LED Status Light turns off. Remember, if the security system is armed, the Valet Override procedure explained previously must be used.

Remote Panic Feature

Should you feel threatened or the need to attract attention; at any time you can activate your Excalibur Gold's Remote Panic feature by depressing the large transmitter button for 3 seconds. Your system will respond by sounding the siren (or honking the horn), locking the doors and flashing the exterior and interior lights for 60 seconds. Should you wish to enter your vehicle or disengage Remote Panic, simply press and release the large transmitter button.

Optional Trunk Release And 3rd Channel Output

Optional Trunk Release: If your vehicle is equipped with *electric* trunk release, your authorized Excalibur Gold dealer can configure your system to accomplish trunk release from your transmitter. To operate this option when equipped, simply press and hold the small center transmitter button for 2 seconds. Your vehicle will respond by releasing the trunk lid, chirping the siren twice (or honking the horn twice), disarming the system and turning on your exterior and interior lights for 30 seconds. The trunk release output will not operate when the ignition switch "on" unless the vehicle's door is open.

Optional 3rd Channel Output: This output's operation is the same as the trunk release output except for the following items: Press the lower small transmitter button for 2 seconds to activate the 3rd channel output. The 3rd channel output will operate regardless of the ignition switch being "on" or "off", and there is no audible or visual confirmation. This output

5) Flash-1x & Pause = 1 transmitter code is stored in the system's memory.
6) Flash-2x & Pause = 2 transmitter codes are stored in the system's memory.
7) Flash-3x & Pause = 3 transmitter codes are stored in the system's memory.
8) Flash-4x & Pause = 4 transmitter codes are stored in the system's memory.

Zone Violation: If the system is activated the Red LED Status Light begins to flash and pause the #9 through #12 sequences to indicate which protected circuit caused the activation. This is seen while the system is activated, and after disarming, until the ignition switch is turned "on", which will clear the security system's memory. The system's memory circuit can store four different codes, and if multiple violations involving different zones occurs, the different zones show in the order of the violation.

9) Flash-2x & Pause = System was activated from the hood or trunk circuit wire.
10) Flash-3x & Pause = System was activated from the door circuit wire.
11) Flash-4x & Pause = System was activated from the auxiliary input.
12) Flash-5x & Pause = System's prewarn feature was activated.

Zone Testing: Every time the ignition key is turned off , the LED Status Light will flash and pause the #13 through #16 code to indicate if a protected circuit, or "zone", is in an activated state. For example: open a door after the ignition is turned off and the Red LED Status Light will start flashing 3 times and pause until the door is closed. If another protected entry point is violated while the door is still open, then the Red LED Status Light will alternate flashing both zone violation codes.

13) Flash-2x & Pause = System is detecting a trigger from the hood or trunk circuit.

may be used to operate optional equipment such as remote car starters or window roll-up modules.

Red LED Status Indicator

The LED Status Indicator feature is a visual indicator of the security system's condition or status at any given time. It is normally positioned in a location that is easily observed by the driver. There are 16 conditions that are reflected by the LED Status Indicator:

1) Off = The security system is disarmed and not performing any automatic functions.
2) On Constant = The security system is in the Valet Mode.
3) Flashing Slow = The security system is Fully Armed.
4) Flashing Fast = The 30 second Last Door Arming feature or 90 second Automatic Rearming feature is in progress.

Automatic Transmitter Verification™: After the ignition is turned "on", the LED Status Indicator will flash to indicate the number of transmitters programmed to operate your security system. For example: two flashes and pause indicates that only two transmitters are coded to operate your system. Whenever you leave your vehicle and keys with someone, you will now have the peace of mind of knowing that only your transmitters will operate the security system and that no additional transmitters have been coded into your system for the purpose of stealing your vehicle. This feature works for 10 seconds every time the ignition switch is turned "on".

14) Flash-3x & Pause = System is detecting a trigger from the door circuit wire.
15) Flash-4x & Pause = System is detecting a trigger from the auxiliary input.
16) Flash-5x & Pause = System is detecting a trigger from the prewarn input.

Audible And Visual Indicators

The Security System is capable of utilizing an electronic siren or the vehicle's horn for audible indications and output when activated. The dome and parking lights are also used as visual indications. The siren produces a sharp "chirping" sound as confirmation of certain operation. If utilizing the vehicle's horn instead of the siren, simply use "horn honks" in place of "chirps" in the following descriptions:

1) One chirp & one light flash: *The system has started a passive Last Door Arming countdown and will become armed after the 30 second countdown expires. This chirp indicates that the starter interrupt will engage and the doors will lock when the system will become fully armed 30 seconds later.*

2) One chirp, one light flash, & doors lock (if equipped thusly): *The system has armed passively or actively from the transmitter. The starter interrupt has engaged and doors have locked. The system can be activated 3 seconds later.*

3) One chirp after the arming honk above: *The auxiliary sensor circuit is bypassed from pressing the small transmitter button within 3 seconds of pressing the large transmitter button.*

4) One chirp, and no light flash, but only at the moment the ignition switch is turned "off": *The system is in Valet Mode, and will not arm actively or passively.*

5) Two chirps & the lights stay on for 30 seconds: *The system has just disarmed.*

6) Three chirps & three light flashes: *The system has just been armed by the transmitter with a protected circuit in a violated condition.*

7) Four chirps & four light flashes, then the lights stay on for 30 seconds: *The system has just disarmed and was activated while you were away. The system will have this disarming confirmation until the ignition switch is turned "on".*

8) Two short chirps: *The system has just entered the Easy Valet™ Mode.*

9) Siren sounding, and lights flashing on and off: *The system is in an activated state.*

10) A series of chirps lasting two seconds after the ignition switch is turned "on": *The Automatic Transmitter Verification™ feature (Page 5) has been activated. This will also occur for 48 hours after installation .*

11) A series of chirps lasting two seconds when the system is armed: *The Prewarning feature has been activated.*

Prewarning Feature

This circuit requires connection of the included shock sensor. When the sensor detects a minor impact, the security system will respond by chirping the siren for two seconds (or honking the horn). After this feature has been activated 5 times it will automatically shut down until the system is rearmed again. This will prevent the system from being a nuisance to the general public.

siren will respond with a long chirp. For the next 10 seconds the system is ready for you to select what feature code you want to access and turn on or off. The Feature Programming Mode will deactivate if a selection is not made within 10 seconds.

Step #4: Within 10 seconds of entering the Feature Programming Mode, press the Valet Switch the number of times that equal the feature number you wish to access. After pressing the Valet Switch multiple times the siren will chirp the same number of times to confirm what feature number you access for programming. Example: Press 5 times and the siren will chirp 5 times.

Step #5: To turn on the feature press the large transmitter button. The siren will chirp once to confirm that the feature is turned on. To turn off the feature, press the small center transmitter button. The siren will chirp twice to confirm the feature is turned off. During this stage, if you keep turning the feature on and off, the Feature Programming Mode is extended for a further 10 seconds. Remember, 10 seconds without any program activity will result in the system automatically exiting the Feature Programming Mode, which is indicated by two long siren chirps.

Step #6 If needed, repeat steps 4 & 5 to access another feature to turn it on or off.

Step #7 Turning on the ignition, or 10 seconds of no programming activity, will exit the system from Feature Programming Mode, which is confirmed by two long siren chirps.

Programmable Features

This security system has ten Programmable Features, easily changed through the Features Programming Mode. The Programmable Features are:

Feature #1- Last Door Arming and Automatic Rearming (Factory Setting Off).
Feature #2- Last Door Locking and Automatic Relocking (Factory Setting Off).
Feature #3- Ignition On / Off to Lock / Unlock Doors (Factory Setting On).
Feature #4- Open Door Bypass to Feature #3 (Factory Setting On).
Feature #5- 30 or 60 Second Activation Duration (Factory Setting 60).
Feature #6- Double Pulse Door Unlock (Factory Setting Off).
Feature #7- Steady Siren Or Pulsed Horn Output (Factory Setting Steady Siren).
Feature #8- Horn Confirmation Honk Loud Or Soft (Factory Setting Soft).
Feature #9- Open Door Arming Alert (Factory Setting Off).
Feature #10- Transmitter-Activated Anti-Carjacking Protection (Factory Setting Off).

To access Features Programming Mode and change any of the Programmable Features:

Step #1: Turn "off" the ignition.

Step #2: Within 7 seconds of turning "off" the ignition, press the Valet Switch 5 times.

Step #3: You have just entered into the Feature Programming Mode. To confirm this, the

1) Passive Arming and Automatic Rearming: If Feature #1 is turned "on", the Last Door Arming and Automatic Rearming Features will operate. Last Door Arming starts after the ignition switch has been turned "off" and at the last open door is closed. The moment the last door closes the alarm will chirp the siren, flash the lights, and begin a countdown (during this countdown the LED Status Light flashes fast). Thirty seconds after the last door was closed, the siren will chirp again, the parking lights flash once, and the LED will begin to flash slow, confirming that the alarm is fully armed. If a point of entry is reopened before the 30 seconds expires, the countdown stops, and will reset to start again when the door is re-closed.

Upon disarming an armed system, a 90 second Automatic Rearming countdown will start. During this countdown the LED will flash rapidly until any point of entry is opened, which will temporarily suspend the Automatic Rearming process until re-closed. At the end of the 90 second period the alarm will automatically arm itself (note that the doors will also lock if Feature #2 is turned "on"). Automatic Rearming is cancelled by turning the ignition switch "on" before the 90 second countdown ends. To temporarily suspend either Last Door Arming or Automatic Rearming (for example, while refueling) the owner should put the alarm in Valet Mode or leave the door open. It is not recommend to leave the ignition switch turned "on" for this purpose.

2) Passive Locking and Automatic Relocking: If Feature #2 is turned "on", and the Last Door Arming Feature is utilized, the doors will also lock when the alarm becomes armed 30 seconds after shutting the last door and also lock the doors when the alarm rearms from Automatic Rearming.

3) Ignition On / Off to Lock / Unlock Doors: If Feature #3 is "on", the doors will lock

2 seconds after the ignition switch is turned "on", and unlock instantly when the ignition switch is turned "off".

4) Open Door Bypass to Feature #3: If feature #4 is "on" the system will check the vehicle's door circuit. If it detects that any of the vehicle's doors are open at the time, the doors will not automatically lock when the ignition switch is turned "on", nor automatically unlock when the ignition switch is turned "off".

5) 30 or 60 Second Activation Duration: Feature #5 will select the length of time that the siren sounds and the lights flash when the alarm is activated or triggered. This can be used when local law requires shorter siren times for noise restrictions. Pressing the small transmitter button when programming this Feature will select the 30 second timing cycle.

6) Double Pulse Door Unlock: If Feature #6 is "on" the alarm's unlock output will pulse twice to unlock some of the newer doorlocking systems.

7) Steady Siren Or Pulsed Horn Output: Instead of the siren, if the vehicle's horn is preferred, this Feature changes the output from steady to pulsed, allowing the use of the horn for the alarm's audible responses. If the vehicle does not utilize an existing horn relay, one must be added or this output's 1 Amp capacity may be exceeded, which will damage the alarm. This Feature is defaulted to Pulsed Horn, but set for Steady Siren at the factory.

8) Horn Confirmation Honk Loud Or Soft: When the previous Feature is set for Pulsed Horn, the arming and disarming confirmation honks may be adjusted with this

Feature. When programming this Feature, pressing the large transmitter button will select a longer output pulse, which will make the confirmation horn honk louder.

9) Open Door Arming Alert: When this Feature is utilized, if one of the vehicle's doors is open when the system is armed using the transmitter, the siren will chirp (or the horn will honk) 3 times instead of once upon arming the alarm.

10) Transmitter Activated Anti-Carjacking: This Feature adds Anti-Carjacking protection, and the ignition must be "on" for the Anti-Carjacking to operate. Press and hold both transmitter buttons for 3 seconds. The siren will start chirping 53 seconds later, and for the next seven seconds pressing the Valet Switch once will cancel the Anti-Carjacking Feature. At 60 seconds the siren will fully sound, and the parking lights will also flash. At 90 seconds the starter interrupt output will activate. Once the siren sounds and parking lights flash, Anti-Carjacking cannot be canceled unless the ignition is turned "off", then back "on"; the Valet Switch must be pressed once within 10 seconds of turning the ignition back "on". This is the only way to cancel or turn off the Anti-Carjacking Feature - once activated, the transmitter cannot be used to cancel or turn off the Feature.

Programming Transmitters

Up to 4 different transmitters may be programmed into the security system's memory. When a new transmitter code is programmed into the system, all previous codes will be deleted. If a third or fourth transmitter is desired, all of the transmitters must be programmed into system's memory. To program transmitters to operate your system, follow this process:

1) Turn "on" the ignition switch.

2) Within 5 seconds of turning "on" the ignition switch, press the Valet Switch 5 times.
Note: The system will respond with a long siren chirp or horn honk, confirming that it is ready to learn a transmitter code. If a code is not received or the ignition is turned "off", the learning process will automatically terminate, which will be indicated by two siren chirps or horn honks. When the first transmitter code is learned, all other prior codes will be erased.

3) To learn the first transmitter code, press the large transmitter button, (which will arm/disarm/panic the system), until you hear one long and one short siren chirp or horn honk to confirm that the code was learned. The two small button's functions will automatically be learned at the same time.

4) To program the second, third or fourth transmitter codes, repeat step 3. As each transmitter is learned, the long confirmation siren chirp or horn honk will be followed by two short chirps or honks for transmitter number two, three short chirps or honks for transmitter number three, and four short chirps or honks for transmitter number four. An attempt to add any further transmitter codes will be ignored.

5) Turning off the ignition switch or 10 seconds of no programming will turn off the transmitter learning program, which is confirmed by two long siren chirps or horn honks.

Whenever a transmitter is coded into the system, whether an existing one or previously unknown transmitter, the siren will chirp or the horn will honk for two seconds every time the ignition is turned "on", for 48 hours. Additionally, the LED Status Light will flash the number of transmitters which can operate the system for 90 seconds instead of 10 seconds.

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 Omega Research and Development, 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 Omega Research & Development, Inc., P.O. Box 508, Douglasville, Georgia 30133, 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 FCC 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 or TV interference caused by unauthorized modifications to this equipment. Such modifications could void the user's authority to operate the equipment.