

# Executive<sup>®</sup>

## Keyless Entry & Security

*"Convenience And Security For A Mobile Society"*

# OWNER'S MANUAL

*For models:*

**Executive 2100**

**Executive 2300**

**Executive 2500**

**Executive 3000**

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## Introduction

Congratulations on your purchase of an Executive Keyless Entry and/or Security system. The Executive series of personal convenience and security products are designed by Omega Research and Development, a leader in vehicle security since 1976. When beginning to use this system, you will be surprised at its user-friendly design, considering the system delivers features and benefits that not only anticipate but exceed your expectations.

Depending upon your personal needs, you have purchased one of the following models:

- A) The Executive 2100, Remote Keyless Entry System.
- B) The Executive 2300, Remote Keyless Entry System with Starter Disable.
- C) The Executive 2500, Remote Keyless Entry System with Starter Disable, Remote Panic, and Interior/Exterior Illumination.
- D) The Executive 3000, comprehensive, fully-featured Keyless Entry and Automotive Anti-Theft Security System.

To learn how to operate your system, this Owner's Operation Manual will begin with Transmitter Operations for all Executive Keyless Entry and Security System models. As you become more familiar with the basic operations that all models perform, this Manual will discuss features and operations specific to each system. This Manual will also briefly explain common technical terms, which are located in the glossary.

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## Transmitter Features

**Transmitter Verification:** You received two remote control transmitters to operate your Executive System. Confirmation of the number of transmitters coded or "learned" to operate the system will be performed automatically. Each time your ignition switch is turned to the "on" or "run" position the red LED Status Light located on or under the dashboard will indicate the number of transmitters programmed to your system. The number verification process lasts for 10 seconds.

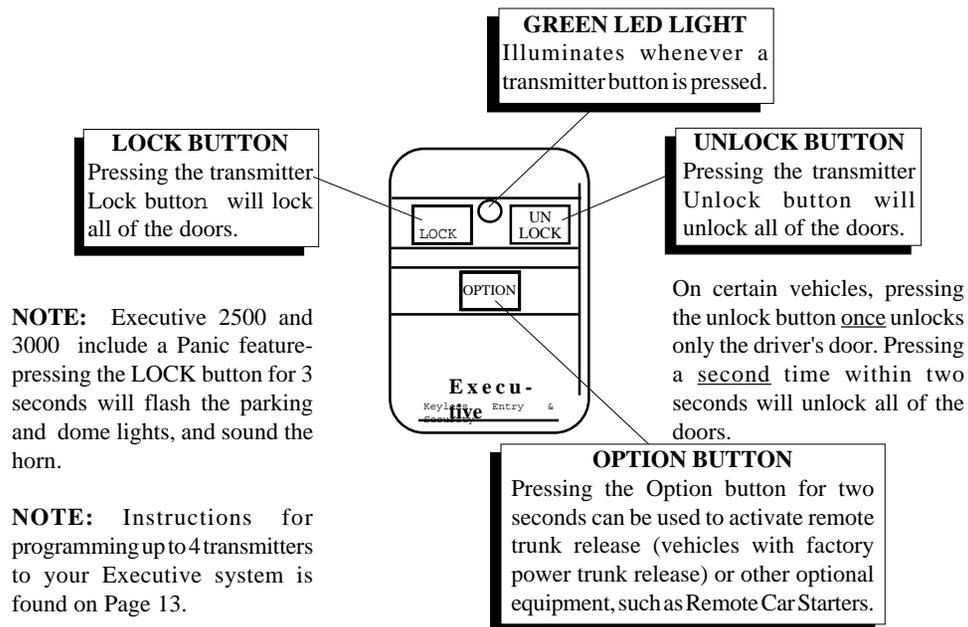
For example: Two flashes and a pause indicates two transmitters are coded to operate the system. Now when you retrieve your vehicle after valet parking or servicing, you will have peace of mind, knowing that only your transmitters will operate your system.

**Concealed Transmitter Codes:** Each Executive system includes two transmitters, and up to two additional transmitters can be stored in the unit's memory for your convenience. Each transmitter has its own unique code. Thus, no other transmitter is coded the same as yours. In fact, no one, including the factory, can program another transmitter exactly like yours because the code is built inside the transmitter's microprocessor and cannot be seen or copied.

**Transmitter Code Jumping<sup>TM</sup>:** Each time you press a transmitter button the transmitter will advance to the next digital code in sequence. Each time the alarm receives the correct digitally coded signal from your transmitter, the receiver will then advance to the next digital code in sequence to match the transmitter. Therefore, you can never transmit the same code twice, thereby preventing a code grabbing device from operating your system.

**Transmitter Battery Saver Feature:** Many times transmitter batteries are prematurely exhausted because the transmitter buttons are inadvertently pressed by objects while in a pocket or purse. The Executive transmitter will turn itself "off" after 15 seconds of continuous transmission, and thus prevent drained transmitter batteries.

## Transmitter Operation



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## LED Status Light (Executive 2300, 2500, & 3000)

The Executive 2300, 2500, and 3000 include a red LED Status Light to inform you of the system's operational condition. The Executive 3000's LED Status Light will also inform you if the Anti-Theft Security System was triggered while you were away from your vehicle.

### Executive 2300 and 2500

**8 Function Red LED Status Light:** Executive Systems which include a Starter Disable as a feature also have a red LED Status Light which tells you the following:

LED Off .....	Ignition switch turned "on".
LED On Solid Red .....	System in "Valet Mode".
LED Flashing Fast .....	Starter Disable will engage
LED Flashing Slow .....	Starter Disable engaged.
LED Flashes 1 To 4 Times After Ignition "On" .....	Number of transmitters stored in system.

### Executive 3000

**10 Function Red LED Status Light:** The Executive 3000 has all of the flash codes above, but if it has triggered and reset while you were away, the red LED will also flash a code after disarming to inform you which zone triggered the Security System.

LED Flashes 2 Times, Pauses .....	Alarm was triggered by trunk or hood opening.
LED Flashes 3 Times, Pauses .....	Alarm was triggered by a door being opened.

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## Optional Door Lock & Unlock Features

All Executive Series systems will lock your vehicle's factory installed power door locks when the transmitter's LOCK button is pressed and unlock the doors when the transmitter's UNLOCK button is pressed.

**Automatic Locking Of Doors With Ignition Turned "On" And Unlocking With Ignition Turned "OFF":** This feature can be turned on or off from inside the Executive Control Module. All Executive Systems can automatically lock the doors 1 second after the ignition switch is turned "on" and unlock them when the ignition switch is turned "off". The Executive 2500 and 3000 will bypass this feature if a door is open.

**Unlocking Of Driver's Door Only:** Some vehicles are capable of unlocking the driver's door only when the transmitter's UNLOCK button is pressed. If the UNLOCK button is pressed again within 5 seconds, all the doors will unlock. Ask the dealership if your vehicle is capable of this feature.

**Passive Automatic Locking Of Doors 30 Seconds After Ignition Is Turned "Off" :** This feature can be turned on or off from inside the Executive Control Module. The Executive 2300, 2500, and 3000 can be programmed to automatically:

- 1) Lock the doors 30 seconds after the ignition switch is turned "off".
- 2) The doors will automatically relock 90 seconds after unlocking from the transmitter, unless the ignition switch is turned on. This prevents accidental unlocking of your doors.

**Special Programmable Feature:** If the transmitter's UNLOCK button is accidentally pressed the Executive System will automatically relock the doors in 90 seconds unless a door is opened or the ignition switch is turned "on".

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## Easy Valet™ Switch (Executive 2300, 2500, & 3000)

The Valet Mode is used to stop or interrupt automatic functions, such as Starter Disable, and to allow you to override the system in the event of a lost or damaged transmitter, or if the vehicle will be left for servicing, washing, or valet parking.

### Executive 2300:

**Easy Valet™ Switch:** This feature allows you to activate the Valet Mode at any time by pressing the Easy Valet Switch button for 2 seconds, unless the Starter Disable is engaged (this is indicated by a slow flashing red LED Status Light). Once the Starter Disable is engaged, the ignition switch must be turned "on" to enter the Valet Mode. When the system is in the Valet Mode, the red LED Status Light will be solid red, not flashing. To remove the system from Valet Mode simply press the Valet Switch button at any time.

### Executive 2500 and 3000:

**Easy Valet™ Switch:** Valet Mode operates identical to the Executive 2300 except there is an audible and visual confirmation that the unit has been placed in the Valet Mode. Upon pressing the valet switch, the red LED Status Light will come on solid red and the parking lights and dome lights will flash twice, and the horn will honk once. Executive 3000 units that have the optional electronic siren (as described on Page 11) installed will have a siren chirp when placed in the Valet Mode.

The Remote Transmitter will operate normally in Valet Mode, i.e., the doors will lock and unlock, the Option Button will operate, and the Panic feature still operates on Executive 2500 and 3000.

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## Starter Disable *(Executive 2300, 2500, & 3000)*

The Executive 2300, 2500, and 3000 provide an active and automatic (passive) Starter Disable. The passive Starter Disable may qualify you for an insurance discount, so please check with your insurance agent.

### **Executive 2300, 2500, and 3000:**

**Active Starter Disable:** Whenever the doors are locked via the remote transmitter, the Starter Disable will instantly engage. Unlocking the doors with the transmitter will turn off the Starter Disable circuit for 90 seconds, during which time the engine may be started. If no attempt to start the vehicle is made in the 90 second period, the Starter Disable will automatically re-engage. As a reminder, during the 90 second period the red LED Status Light will be flashing fast, and when the Starter Disable is engaged the LED Status Light will flash slow.

**Passive Starter Disable:** 30 seconds after the ignition switch is turned "off", the Starter Disable will automatically engage. Once engaged, using the transmitter to unlock the doors or pressing the Easy Valet switch (within 5 seconds of turning the ignition switch "on") will disengage the Starter Disable. As a reminder, during the 30 second period the red LED Status Light will be flashing fast, and when the Starter Disable is engaged the LED Status Light will flash slow.

### **Executive 2500 and 3000:**

**Open Doors And Flashing Lights:** The Executive 2500 and 3000 have the same Starter Disable operation, but with some additional features. Opening a door will momentarily interrupt the passive Starter Disable engagement process until the last open door is closed. When the last door is closed, the exterior and interior lights will flash once to indicate that the Passive Starter Disable will engage in 30 seconds.

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## Remote Personal Protection *(Executive 2500 & 3000)*

The Executive 2500 and 3000 include a Remote Panic Personal Protection Feature. In the event of attack or assault, or any time you feel threatened or in need of assistance, you can use your transmitter to activate this feature. This feature operates regardless of the system's status or if the ignition switch is "on" or "off".

Pressing the LOCK button for 3 seconds will honk the horn and flash the exterior and interior lights for 60 seconds. During this period the horn will honk 10 times every 10 seconds, with a 5 second pause between each 10 second interval.

At the end of this 60 second Panic period, the Executive System will stop and reset. The car's doors will remain locked (if equipped), the Starter Disable will remain engaged, and the red LED Status Light will flash. Also, the Executive 3000 Security System will remain in the armed condition. If the system was in Valet Mode when Remote Panic was engaged, the doors will remain locked, but the Starter Disable will not be engaged and the red LED Status Light will be on solid. The Executive 3000 Security System will remain disarmed.

If you decide to stop the Panic Feature during the 60 second period, press the UNLOCK button to stop the Panic function. To reset your system, simply press the transmitter's LOCK button, or in 90 seconds the system will automatically reset or rearm itself.

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## Flashing Light Confirmation *(Executive 2500 & 3000)*

The Executive 2500 and 3000 include flashing light confirmation. This feature is a visual indication that the Executive System received a signal from your transmitter. Flashing Light Confirmation activates both the parking lights and the interior dome lights simultaneously.

### **The Executive 2500**

One Light Flash ..... Starter Disable has engaged.  
Two Light Flashes ..... System has entered Valet Mode.  
Lights turn on and remain on for ..... Starter Disable has disengaged. The exterior  
30 seconds, until the ignition in ..... and interior lights provide illumination.  
turned "on", or 10 seconds after  
a door is opened.

### **The Executive 3000**

One Light Flash ..... Security System has armed.  
Two Light Flashes ..... Security System has entered Valet Mode.  
Three Light Flashes ..... Security System has armed with the hood or  
trunk open, or, with an optional detection  
sensor in a triggered condition.  
Four Light Flashes ..... Security System has disarmed and has been  
triggered and rearmed while you were away.  
Lights turn on and remain on for ..... Security System has disarmed. The exterior  
30 seconds, until the ignition is ..... and interior lights provide illumination.  
turned "on", or 10 seconds after  
a door is opened.

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## Executive 3000 *(Full Featured Security)*

**The Executive 3000** is a Keyless Entry and Automotive Security System. If an unauthorized entry is attempted, your vehicle will respond by relocking the doors\*, flashing the exterior and interior lights, and sounding the horn. The flashing lights and horn honk output will stop and reset at 60 seconds provided all protected entries are secure. If a protected entry is still open at 60 seconds, the system will cycle for two more 60 second durations and then reset. The Executive 3000 is capable of protecting all of your vehicle's doors, hood, and trunk or hatch. Optional sensors can be added to the system to detect impact or movement in or around the vehicle. The Executive 3000 also features an output for an optional Electronic Siren.

**Arming the Executive 3000:** The Security System arms when the Transmitter's LOCK button is pressed or automatically 30 seconds after the last door closes. As a reminder, the Easy Valet Switch can be used to prevent the system from arming automatically.

**Disarming the Executive 3000:** Using the Transmitter's UNLOCK or OPTION buttons will disarm the Security System even if it is sounding (lights flashing and horn honking). Pressing the Easy Valet Switch will also disarm the system, but only within 5 seconds of turning the ignition switch "on".

**Warn-Away Feature:** An optional Dual-Zone Sensor can be configured to honk the horn, or chirp the optional Electronic Siren, if the vehicle receives a mild impact or if someone is extremely close to or reaching into your vehicle. Please see your Executive dealer for details.

\* If equipped with factory installed power door locks.

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## Programming Transmitter Codes (All Models)

**Programming Transmitter Codes To An Executive System-** To use an additional or replacement transmitter, it's code must first be added to the Executive System module's memory. The dealership where you purchased your Executive System can provide and program transmitters. In the event you wish to program a transmitter, please follow these procedures carefully:

- 1) Have all the transmitters that you wish to operate your Executive System at hand. Any time a transmitter code is programmed into your Executive System, the existing codes are all erased. This, in addition to the Code Verification feature, prevents someone from adding an unauthorized transmitter to your system.
- 2) Within 5 seconds, turn the ignition switch "on" five times: "on", "off", "on", "off", "on", "off", "on", "off", then "on" again; the fifth time leaving it "on".
- 3) The doors will unlock, lock, then unlock\* again to indicate that the system is ready to receive and store transmitter codes.
- 4) Within 10 seconds press the LOCK button on the first transmitter you wish to use until the doors lock and then unlock. This indicates the transmitter's code is learned by the system. It is only necessary to press the LOCK button as the rest of the transmitter's functions are stored automatically.
- 5) Repeat Step 4 within 10 seconds for the second transmitter, then continue this step with each of the transmitters (up to four) that you wish to operate your Executive System. The system will leave transmitter programming mode when the ignition switch is turned "off" or after 10 seconds of no transmitter activity, or upon learning the fourth transmitter.

\* If equipped with factory installed power door locks.

**Operating Multiple Vehicles From One Transmitter:** Because each transmitter is unique and it's code is stored by the Keyless/Security unit, operating multiple vehicles is simply a matter of following the code programming procedure with each vehicle. **NOTE:** When the vehicles are parked within transmission range of each other, all the vehicles will respond to a transmitter operation.

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## Tips To Avoid Being A Victim

- 1) Always be aware of your surroundings. An alert and aware person is less likely to become a crime victim than someone who is preoccupied and easily approached.
- 2) While driving in high crime areas, always keep your doors locked and your windows up. Your Executive System can automatically lock your doors when the ignition switch is turned "on".
- 3) Always attempt to park your vehicle in a well lit and visible location with your system activated and doors locked. If your system has interior/exterior light illumination, take advantage of this feature to look in and around your vehicle.
- 4) While in parking garage structures, always attempt to back-in to your parking space. This will provide a less visually encumbered and quicker way to exit your parking space if you are being pursued. This will also allow you to better see the flashing exterior light confirmation, if equipped.
- 5) While driving or stopped at an intersection, if your vehicle is bumped in the rear by another vehicle or the vehicle behind you is flashing it's headlights, consider the occupants of the vehicle hostile and immediately drive to the nearest police or fire station. "Bump and run" thieves and carjackers are becoming an increasingly severe problem in America.
- 6) While parked and sitting in your vehicle, always keep your doors locked, windows rolled up and engine idling if possible. If you are approached by a potential carjacker, use your Executive transmitter to Panic the system to scare the attacker away.
- 7) Control access of your keys. Never leave your house and other keys with a valet parking attendant or mechanic.
- 8) After someone else has had access to your vehicle, always verify that your transmitters still operate your system, and use the Transmitter Verification feature to ensure that no additional transmitters have been added.

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**Arm-** A security system which is ready to detect and respond to an intrusion or sensor input.

**Code-** A digitized signal which is assigned to each transmitter to make it unique and different from other transmitters. This is done in all Executive transmitters at the factory and cannot be duplicated.

**Code Grabbing-** A method whereby a thief, using a device that records and then plays back a copy of your transmitter's signal, gains entry to your vehicle. This practice is currently not common.

**Code Jumping™-** The transmitter's ability to change it's code each time it transmits, rendering Code Grabber units ineffective.

**Disarm-** A security system which is in a "stand-by" mode- not armed, but not in valet mode.

**Keyless Entry-** A popular option that allows you to lock and unlock your vehicle's doors by means of a transmitter or key pad, without the use of the normal car key.

**LED-** Commonly used term for Light Emitting Diode, an electrical component that illuminates when electricity flows through it. For practical purposes, consider it as an indicator light.

**Panic-** A personal protection feature which will trigger a security system from the transmitter.

**Transmitter-** The small remote control attached to your key ring that will emit a Radio Frequency (RF) signal whenever one of it's three buttons is pressed. Since the transmitter is limited to a single frequency assigned by the Federal Communications Commission (FCC), it's signal must be encoded so that only your transmitter will operate your vehicle. See "Code" above.

**Triggered-** A security system which has detected an entry attempt or an input from a sensor. A triggered security system will attract attention to the vehicle by flashing exterior lights and sounding the horn or a siren. A starter disable will prevent the vehicle from being started and Executive's unique relocking of the doors offers a still higher level of protection.

**Valet Mode-** A condition in which the starter disable will not engage (all Executive Systems), or a security system will not arm (Executive 3000).

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### 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's labor and return shipping, during the lifetime of the car in which it was originally installed.

All products for warranty repair must be sent postage pre-paid 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 non-transferable 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.