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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.

MO_E3000ATV

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Executive

Keyless Entry & Security

"Convenience And Security For A Mobile Society"

OWNER'S MANUAL

For model:

Executive 3000^{ATV}

Please note that your new Executive Keyless Entry and Security system has Programmable Features which allow the customizing of its operations. The Programmable Features may affect the exact operations as described in this guide, which reflects a typically-installed system with factory-set conditions of the Programmable Features. Please consult the installing dealer for information regarding the custom-programming of these features, which may affect the operations of your Executive system.

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Introduction

Congratulations on your purchase of an Executive convenience and security system. You have purchased the E-3000^{ATV}, a Remote Keyless Entry System with Anti-Theft Security, Remote Panic Personal Protection, and Interior/Exterior Light Illumination. The Executive series of personal convenience and security products are designed by Omega Research and Development, a leader in vehicle security since 1970. 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.

To learn how to operate your system, this Owner's Operation Manual will begin with Transmitter Functions, then explain the system's other operations as enhanced by the factory-set Programmable Features. As you become more familiar with the basic operations that this model performs, this Manual will further discuss the User Programmable Features, and then explain how change them to configure the system to suit your personal needs. Finally, this Manual has personal safety tips, and will also briefly explain common technical terms.

Automatic Transmitter Verification™

You received two remote control transmitters to operate your Executive System. Each time the ignition switch is turned to the "run" position the Red LED Status Light located on or under the dashboard will indicate for 10 seconds the number of transmitters programmed to your system. For example: Two flashes and a pause indicates two transmitters are coded to operate the system.

IMPORTANT: For the first 48 hours after a transmitter is coded to operate the system, every time the ignition switch is turned "on", the horn will honk rapidly for two seconds, and the LED Status Light will flash for 90 seconds. If this occurs after the initial 48 hour period, immediately reprogram your transmitters (See Pages 17).

This Patented feature alerts you if someone has added an unauthorized transmitter to your system, and is found only in Omega Research and Development products.

Transmitter Functions

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™: Each time you press a transmitter button its signal will advance to the next digital code in sequence. Each time the alarm receives the correct digitally encoded 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 a short period of continuous transmission, and thus prevent drained transmitter batteries.

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The 4 Button Transmitter

LOCK BUTTON
Pressing the transmitter Lock button will arm the system and lock all of the doors.

GREEN LED LIGHT
Illuminates whenever any transmitter button is pressed.

UNLOCK BUTTON
Pressing the transmitter Unlock button will disarm the system and unlock all of the doors.

Your Executive system will lock your doors upon turning the ignition "On", and unlock them when the ignition is turned "Off".

Instructions for programming up to 4 transmitters to your Executive system are found on Page 17.

On certain vehicles, pressing the unlock button once unlocks only the driver's door. Pressing a second time will unlock all of the doors.

OPTION BUTTON
Pressing the Option button for two seconds can be used to activate remote trunk release (vehicles with factory-equipped power trunk release) or other optional equipment, such as Remote Car Starters.

PANIC BUTTON
Pressing the Panic button for three seconds will engage the Remote Panic feature-which will flash the parking and dome lights, and sound the horn.

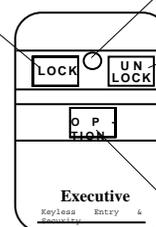
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The 3 Button Transmitter

LOCK BUTTON
Pressing the transmitter Lock button will arm the system and lock all of the doors.

GREEN LED LIGHT
Illuminates whenever any transmitter button is pressed.

UNLOCK BUTTON
Pressing the transmitter Unlock button will disarm the system and unlock all of the doors.



Your Executive system will lock your doors upon turning the ignition "On", and unlock them when the ignition is turned "Off".

Your system includes a Remote Panic feature-pressing the LOCK button for 3 seconds will flash the parking and dome lights, and sound the horn.

On certain vehicles, pressing the unlock button once unlocks only the driver's door. Pressing a second time will unlock all of the doors.

Instructions for programming up to 4 transmitters to your Executive system are found on Page 17.

All Executive Keyless Entry and Security Systems can use the same Remote Transmitters. Your system is capable of being operated by up to four Executive transmitters, which are available from the dealership where you purchased your system.

OPTION BUTTON
Pressing the Option button for two seconds can be used to activate remote trunk release (vehicles equipped with power trunk release) or other optional equipment, such as Remote Car Starters.

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Arming The System

"Arming" your E-3000^{ATV}, or placing it into a state whereby an intrusion attempt will activate it, may be done by two methods. First, the transmitter may be used to "actively" arm the system and lock the doors, provided the ignition switch is "off" and the system is not in Valet Mode. If the system is in Valet Mode, the transmitter will still operate doorlocks, but the system will not arm.

Second, an optional automatic method of "passively" arming the security is Automatic Last Door Arming. This method may be selectively programmed to operate by your Executive dealer, and if utilized, can operate in conjunction with Active Arming.

Active Arming The Security System Using The Transmitter: The system can always be armed with the transmitter if the ignition switch is "off" and the system is not in the Valet Mode. To arm the system after you exit the vehicle and close all doors, simply press the LOCK transmitter button once. The parking and dome lights will flash once, the horn will honk once*, and the LED Status Light will begin flashing, confirming that the system is arming. The doors will also lock upon arming, and the Starter Disable circuit will prevent any attempt to start the vehicle. Three seconds after the horn honk the system becomes fully armed, and will activate if an intrusion attempt is detected. The system may be armed without the normal confirmation honk by pressing the transmitter's OPTION button, then pressing the LOCK button.

Arming By-Pass: Upon active arming, if any protected circuit is inoperable, the horn will honk three times and the parking and dome lights will flash three times**. When this occurs, protection for

* An optional electronic siren will "chirp" instead of "honking", is available from your Executive dealer.

**Although not standard, the dealer can program the system to also have this warning if a door left open.

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that circuit will be bypassed. For example, if the trunk is left open, you can still arm the system normally from the transmitter. The bypassed circuit will automatically be reinstated for protection three seconds after that circuit becomes operative, i.e., the trunk is closed. When a circuit is in a bypassed state, all other operating circuits will be protected normally.

Optional Sensor By-Pass: When actively arming the security system, the optional sensor may be bypassed, if desired. After arming the system by pressing the LOCK button, within three seconds of hearing the arming confirmation horn honk, press the OPTION transmitter button. You will hear another 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 sensor will again be part of your protection.

Passively Arming The Security System With The Optional Last Door Arming Feature: The E-3000^{ATV} can be programmed by your Executive dealer to arm itself automatically when the vehicle's last door is closed. The moment the last door closes the system begins a countdown, which is indicated by the parking and dome lights flashing once, confirming that all points of entry are closed, and the arming procedure is in progress. This period is indicated by a fast-flashing LED Status Light. Thirty seconds after the last door was closed, the horn will honk, the parking lights will flash once, confirming that the system is fully arming, which will occur 3 seconds later and is indicated by the LED Status Light flashing slow. If a point of entry is reopened before the single honk and parking light flash at 30 seconds, the countdown stops, and will reset to start over again when that door is reclosed. When the 30 second horn honk occurs, in addition to the system becoming armed; the doors will also lock if programmed to do so, and the starter disable circuit will engage.

The "Last Door Arming" Feature offers a high level of security, since you do not have to remember to arm the system each time you exit from your vehicle. In addition, Last Door Arming may entitle you to an insurance discount.

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respond by producing 4 horn honks, 4 light flashes, and then the lights will stay on for 30 seconds. The LED Status Light will change to flashing one to five times, then pausing 1 second, to indicate which protected zone activated the system. The LED Status Light will continue flashing this Violation Code until the ignition key is turned "on", thus clearing the system's LED Status Light memory circuit.

Disarming The System

While the E-3000^{ATV} is in the armed condition, pressing the transmitter's UNLOCK button once will instantly disarm the system and unlock either the driver's door only, or, all of the doors*. Disarming is confirmed by the horn honking twice and the parking and dome lights turning on for 30 seconds to illuminate the way to your vehicle. If still on at the time, the parking and dome lights turn off instantly when the ignition is turned "on". If the transmitter is not available or inoperative, the System Override must be disarmed by used, which is explained in detail in the following section.

However, if the system was activated and reset while you were away, the disarm confirmation will change to 4 horn honks, four light flashes and then the parking lights staying on for 30 seconds. The system will have this response upon disarming, along with the LED Status Light flashing a Zone Violation Code, until the ignition switch is turned "on", which will clear the system's memory circuit. The system may be disarmed without the normal confirmation honks by pressing the transmitter's OPTION button, then pressing the UNLOCK button. Anytime the system is activated and reset, the LED Status Light will indicate which protected zone caused the activation by flashing a Zone Violation Code, explained on Pages 13-14, upon disarming.

* This is determined by the wiring configuration utilized at installation. If your vehicle's E-3000^{ATV} Keyless Entry and Anti-Theft Security System is not equipped with Driver Door Priority Unlocking, please consult your Executive dealer as to the feasibility of adding this important safety feature to your system.

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Activating The System

While the system is in an armed state, the LED Status Light will be flashing slowly. In this mode, any protected entry or optional sensor violation will instantly activate the system. Once activated, the following actions will occur:

- 1) The horn or optional electronic siren will start sounding. The horn will sound a series of honks for 10 seconds, and then pause for 5 seconds to allow the horn to cool. This will occur for the duration of the activated cycle. The optional electronic siren, available from your Executive dealer, features six different tones, and every 5 seconds the siren will change the tone to generate more attention to the vehicle.
- 2) The parking lights and dome light will flash.
- 3) The doors will relock. If an opening door activated the system, it will relock the doors if and when the open door is shut.

The horn and lights will stay active for 60 seconds, unless you disarm the system with the transmitter by pressing the UNLOCK button, or, by using the Easy ValetTM Switch and ignition key to obtain a System Override (Page 10). 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 a sensor still in a triggered state at the end of 60 seconds, the system will reactivate for two more 60 second cycles. In this case, the system will stop after a total of 3 minutes and rearm automatically, while ignoring only the open entry or triggered sensor circuit. When the entry is closed, protection will begin instantly for that circuit.

After the security system is activated, then reset, the disarm confirmation will no longer be the normal two horn honks, and the exterior lights staying on for 30 seconds. Instead, the system will

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Easy ValetTM Switch

The Easy ValetTM Switch is used to place the system into Valet Mode, which is used to stop or interrupt any optional automatic functions, such as Starter Disable, which may be programmed to operate. The Easy ValetTM Switch, in conjunction with your ignition key, also allows you to override the system in the event of a lost or damaged transmitter, leaving the vehicle for servicing, washing, or valet parking.

Easy ValetTM Mode: 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). Please note that once the Starter Disable is engaged, the ignition switch must be turned "on" to enter the Valet Mode. When utilizing the Easy ValetTM Mode, upon pressing the Easy ValetTM Switch, the Red LED Status Light will illuminate a steady, solid Red, the parking lights and dome lights will flash twice, and the horn will honk once. While the system is in the Valet Mode, the Red LED Status Light will remain solid Red (not flashing) at all times, and every time the ignition switch is turned "off", the horn will honk once as a reminder of this condition. To remove the system from Valet Mode simply press the Easy ValetTM Switch at any time. The transmitter will operate normally while the system is in Valet Mode, i.e., the doors will lock and unlock, the Option Button will operate, and the Panic feature will still operate - but the Starter Disable will not operate, and any programmed automatic functions are suspended.

Overriding The System: As mentioned in the previous section, once the Starter Disable is engaged, the ignition key is required to allow the Easy ValetTM Switch to override the system and allow starting the engine. To obtain a System Override, follow this procedure:

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- Step 1. Enter the vehicle normally, but be prepared for system to activate upon opening the door.
- Step 2. Using your key, turn "on" the ignition. Be prepared to perform the following Step before 5 seconds expires.
- Step 3. Within 5 seconds, press and release the Easy Valet™ Switch. The system will immediately disarm.

Once the activated system has been overridden, if Valet Mode is desired, holding the Easy Valet™ Switch depressed for two seconds will place the system into Valet Mode.

LED Status Light

The E-3000^{ATV} Remote Keyless Entry System with Anti-Theft Security System includes a Red LED Status Light* to inform you of the system's operational condition. These are the conditions of the LED Status Light:

LED Off Ignition switch is "On". Also, the system is "at rest", indicating that no automatic features (which may have been programmed to operate) will occur.

LED On Solid Red System is in "Valet Mode".

* LED is the abbreviation for Light Emitting Diode - which is defined in the Glossary.
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LED Flashing 5X & Pause While The System Is Armed The Starter Disable circuit has automatically engaged without the system being armed*. (This feature must be optionally programmed)

* These indicators are the Zone Violation feature. Unlike the four horn honks and light flashes upon disarming if the system has been activated and reset automatically, a Zone Violation, as a diagnostic aid, operates without requiring that the system automatically reset itself.

Flashing Light & Horn Confirmation

The E-3000^{ATV} includes flashing light and horn honk confirmation. These features provide a visual and audible indication that the Executive System received the signal from your transmitter. Flashing Light Confirmation activates both the parking lights and the interior dome lights simultaneously. Also, if desired, the system's horn honk output may be configured to sound an optional electronic siren.

Standard Confirmation Operations

One Light Flash & One Horn Honk The has armed and locked the doors.

Lights Illuminate For 30 Seconds & Two Horn Honks The system has disarmed and unlocked the doors.

Two Light Flashes & Two Horn Honks The system has just entered Valet Mode.

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LED Flashing Rapidly System has been programmed to automatically arm itself.

LED Flashing Slowly System is armed. This will occur whenever the transmitter is used to lock the doors. The System may also be programmed to arm automatically.

LED Flashes 1 To 4 Times After Ignition "On" Number of transmitters stored in the system. These four indicators are part of the Automatic Transmitter Verification™ feature.

LED Flashing 1X & Pause While Armed, And After Disarming System was activated by the optional Current Sensing feature*.

LED Flashing 2X & Pause Armed, And After Disarming System was activated by the trunk (or rear hatch) or hood being opened*.

LED Flashing 3X & Pause Armed, And After Disarming System was activated by a door being opened*.

LED Flashing 4X & Pause Armed, And After Disarming System was activated by an optional sensor*.

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Lights Flash 3 Times & Three Horn Honks The system is being armed with protected circuit in an activated state.

Lights Flash 4 Times Before Illuminating 30 Seconds & Four Horn Honks The system has disarmed and was activated and reset before being disarmed.

Two Horn Honks & No Lights Activity When The Ignition Switch Is Turned "Off" The system is reminding you that it is in Valet Mode.

Confirmation Operations With Optional Programmable Features

One Light Flash & No Horn Honk The system is in the process of automatically arming or rearming.

Special Confirmation Operations

Horn Honks For Two Seconds When The Ignition Switch Is Turned "On" The Automatic Transmitter Verification feature system is alerting you that transmitter programming activity has occurred within the last 48 hours.

Silently Operating The System: If desired, the transmitter can temporarily lock and unlock the vehicles doors without the confirmation horn honks. This is accomplished with both the three button and four button transmitters by pressing and releasing the button labeled "OPTION", then within three seconds pressing "LOCK" or "UNLOCK" button. The confirmation honk(s) will be silenced for that

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particular operation only - any future normal pressing of the transmitter's buttons will produce the appropriate horn honk confirmation (although the silent operation may be used whenever desired). Please note that the permanent, complete elimination of the confirmation horn honks can be accomplished by your Executive dealer upon request.

Remote Personal Protection

The E-3000^{ATV} features a Remote Panic Personal Protection Feature. In the event of attack or assault, or at any time you feel threatened or in need of assistance, you can utilize your transmitter to activate this feature, which 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. This feature operates regardless of the system's status or if the ignition switch is "on" or "off".

Remote Panic Utilizing The Three Button Transmitter: Press and hold depressed the LOCK button for 3 seconds to activate Remote Panic. This operation also locks the doors and arms the system. If allowed to complete the full 60 second Panic period, at the end of 60 seconds the system will stop and reset. The car's doors will remain locked, the system will remain armed, and the LED Status Light will flash slowly to indicate this status. If the system was in Valet Mode when Remote Panic was engaged, the doors will remain locked, but the system will arm and the LED Status Light will be illuminated steadily, reflecting the Valet Mode.

If you decide to stop the Remote Panic feature during the 60 second period of activation, you may press either the LOCK button, which will leave the doors locked and the system armed; or you may press the UNLOCK button, which will unlock the doors and disarm the system.

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- 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, all existing codes are automatically erased. This, in addition to the Automatic Transmitter Verification™ feature, prevents someone from adding an unauthorized transmitter to your system.
- 2) Within a 5 second period, turn the ignition switch "on" five times: "on", "off", "on", "off", "on", "off", "on", "off", then "on" again; the fifth time leaving it "on". The horn will sound briefly to indicate that the system is ready to receive transmitter codes.
- 3) Within 10 seconds press the LOCK button on the first transmitter you wish to encode to the system. The horn will honk once to indicate 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 assigned automatically.
- 4) Repeat Step 3 within 10 seconds for each additional transmitter. The system will leave Transmitter Programming Mode when the ignition switch is turned "off", after 10 seconds of not receiving a transmitter broadcast, or upon learning the fourth transmitter.

User Programmable Features

Your E-3000^{ATV} has five User Programmable Features which may be easily configured to your requirements as part on the Transmitter Programming Mode. Once Transmitter Programming Mode has been accessed (described on the previous page), at the point where the first transmitter code is entered and acknowledged, that same transmitter may be used to configure these User Programmable Features as desired. The User Programmable Features, and their factory default settings, are:

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Remote Panic Utilizing The Four Button Transmitter: The four button transmitter features a dedicated button labeled "PANIC" to activate Remote Panic, although the "LOCK" button will also activate Remote Panic with the identical operation of the previously explained three button transmitter. However, the four button transmitter's "PANIC" button will activate Remote Panic only - no other system operations are affected, although either the "LOCK" button or the "UNLOCK" button may be used to stop Remote Panic, with the same parameters as previously explained. To activate Remote Panic with the "PANIC" button, press it and hold depressed for 3 seconds. To deactivate Remote Panic before the 60 second period expires, you may press any one of the "LOCK" (which also locks the doors and arms the system); "UNLOCK" (which also unlocks the doors and disarms the system); or "PANIC" buttons (which only stops Remote Panic and does not affect the armed or disarmed status of the system).

Remember, Remote Panic may be activated at any time, regardless of the ignition switch position, and also while the system is in Valet Mode.

Programming Transmitters

Programming Transmitters To Operate Your Executive System: To use an additional or replacement transmitter, its unique digital 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 for you, or you may program the transmitters yourself. If you wish to program a transmitter, please follow these Transmitter Programming Mode procedures carefully:

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- 1) The Doors Automatically Lock 90 Seconds After The Ignition Switch Is Turned "Off".
Default: Feature OFF; Program with the transmitter's LOCK button.
When this Feature is activated (turned ON), every time the ignition switch is turned "Off", the doors will automatically lock 90 seconds later. You may open a door and exit the vehicle without affecting this operation, and the LED Status Light will have no indication that the automatic locking will occur.
- 2) The Doors Automatically Relock 90 Seconds After Disarming And Unlocking By Transmitter.
Default: Feature OFF; Program with the transmitter's UNLOCK button.
When this Feature is activated (turned ON), every time the transmitter is used to unlock the doors, they will automatically relock 90 seconds later. Opening a door will not affect this operation, although turning "On" the ignition switch will cancel the automatic relocking. The LED Status Light will have no indication that the automatic relocking will occur.
- 3) The Starter Disable Will Automatically Engage 90 Seconds After The Ignition Switch Is Turned "Off" And 90 Seconds After Disarming And Unlocking By Transmitter.
Default: Feature OFF; Program with the transmitter's OPTION button.
When this Feature is activated, the Starter Disable circuit will automatically engage 90 seconds after the ignition switch is turned "Off" and also 90 seconds after the transmitter is used to unlock the doors, but in both cases the system will not be armed. The later may be cancelled by turning the ignition switch "On", but upon turning the switch "Off" the former parameter of the Feature will cause the Starter Disable to engage 90 seconds later. Please note that when this form of automatic Starter Disable is selected, there is no indication of the impending engagement; once the Starter Disable is engaged, however, the LED Status Light will flash 5 times and pause as an confirmation indicator.

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- 4) The System Will Automatically Arm 30 Seconds After The Last Door Is Closed.
Default: Feature OFF; Program with the transmitter's LOCK and OPTION button in unison. When this Feature is activated, the system will automatically arm 30 seconds after the last vehicle door is closed, provided the ignition switch has previously been "On", then turned "Off". If a door is opened before the 30 second period expires, the process is suspended; shutting the door starts a new 30 second period. With this method of automatic Last Door arming, the system will flash the parking and interior lights upon shutting the door, and the LED Status Light will be flashing rapidly. At the expiration of the 30 second period, the parking and interior lights will flash once again, the horn will honk once, and the LED Status Light will slow to a steady flash to indicate that the system is armed.
- 5) The System Will Automatically Rearm 90 Seconds After Unlocking By The Transmitter.
Default: Feature OFF; Program with the transmitter's LOCK and UNLOCK button in unison. When this Feature is activated, the system will automatically rearm 90 seconds after disarming and unlocking the doors by use of the transmitter. The ignition switch must be turned "On" to cancel the Automatic Rearming. During the 90 second period, the LED Status Light will be flashing rapidly, and will slow to a steady flash upon the arming of the system, at which time the horn will honk, and the parking and dome lights will also flash once. Please note that Automatic Rearming, opening a door during the 90 second period will simply suspend the process; upon shutting the door the system will still rearm 90 seconds after the door is shut - only turning the ignition switch "On" before the 90 seconds expires will cancel the Automatic Rearming.

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The Doors Automatically Lock 90 Seconds After The Ignition Switch Is Turned "Off".
Program with the transmitter's LOCK button.

The Doors Automatically Relock 90 Seconds After Disarming And Unlocking By The Transmitter.

Program with the transmitter's UNLOCK button.

The Starter Disable Will Automatically Engage 90 Seconds After The Ignition Switch Is Turned "Off" And 90 Seconds After Disarming And Unlocking By Transmitter.

Program with the transmitter's OPTION button.

The System Will Automatically Arm 30 Seconds After The Last Door Is Closed.

Program with the transmitter's LOCK and OPTION button in unison.

The System Will Automatically Rearm 90 Seconds After Disarming And Unlocking By Transmitter.

Program with the transmitter's LOCK and UNLOCK button in unison.

Every time the appropriate button or button combination is pressed, the system will respond alternately with one horn honk, then two horn honks - every time the button is pressed, the Feature assigned to it is "toggled" on or off. One horn honk indicates that the Feature is on, or activated; two horn honks indicates that the Feature is off, or deactivated.

- 5) When all of the desired Features have programmed as desired, repeat Step 3 within 10 seconds for each additional transmitter. Remember, 10 seconds of not receiving a transmitter broadcast will cause the system will leave either the Transmitter Programming Mode or the User Features Programming period.

For the next 48 hours, the horn will honk for 2 seconds every time the ignition is turned "On" - this is part of the Automatic Transmitter Verification Feature.

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Changing The User Programmable Features

As previously mentioned, changing the User Programmable Features is a variation of the procedure used to program transmitter codes to the system. Remember, when the system acknowledges the first transmitter code, at that point you may use that transmitter to change any or all of the five User Programmable Features. To change the User Programmable Features, follow this procedure:

- 1) Have all the transmitters that you wish to operate your Executive System at hand. Even though you are reprogramming an existing code, any time a transmitter code is programmed into your Executive System, all existing codes are automatically erased.
- 2) Within a 5 second period, turn the ignition switch "on" five times: "on", "off", "on", "off", "on", "off", "on", "off", then "on" again; the fifth time leaving it "on". The horn will sound briefly to indicate that the system is ready to receive transmitter codes.
- 3) Within 10 seconds press the LOCK button on the first transmitter you wish to encode to the system. The horn will honk once to indicate the transmitter's code is learned by the system. At this point, you may use this transmitter to change the User Programmable Features.
- 4) Within 10 seconds, press the transmitter button or button combinations to change the desired Feature. Here is a condensed review of the five Features and the transmitter button(s) to use when programming:

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Dealer Programmable Options

Your E-3000^{ATV} has over 20 operational features which may be programmed by the installing Executive dealer. Some of these features enhance the system's operating characteristics, while others are an aid to the installer which allow extreme flexibility in adapting the system to the different design parameters of the vehicle. This section will briefly explain these features, and more detailed information is available from your nearest Executive dealer.

- Independent Automatic Locking And Unlocking Activated By The Ignition Switch: The system may be configured to automatically lock the when the ignition switch is turned "On", and also automatically unlock them when the ignition switch is turned "Off". The Executive Systems allow the unique capability of only automatically locking, and not unlocking them, or, if thusly equipped, unlocking only the driver's door when the ignition switch is turned "Off". Another aspect of this feature, which may be added or removed, is the cancellation of any ignition switch activated automatic locking or unlocking function to be cancelled by a door being open. The open door bypass is extremely convenient as a child safety feature, allowing the driver exit the vehicle, leaving only their door unlocked.

- Activating The Trunk Release Also Disarms The System: Many inferior vehicle Remote Keyless Entry and Anti-Theft Security Systems force the user to disarm the system before the trunk or rear hatch can be remotely opened without activating the system. The Executive Systems allow you to make the choice of whether the convenience of using your transmitter to gain trunk or hatch entry will disarm the security system, or leave it armed.

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- **Last Door Arming:** Many security-conscious persons prefer the security system to automatically arm itself when leaving the vehicle. Many insurance carriers allow discounts for this feature, which adds to its desirability. Further enhancing the Last Door Arming Feature is the addition of having the doors also lock upon the system's arming, which will also automatically lock the doors, without arming the system, 90 seconds after the ignition switch is turned "Off" if the user has not previously exited the vehicle.

- **Automatic Rearming:** On rare occasions, people have accidentally disarmed their security system by playing with the transmitter or by unknowingly transmitting from a purse or pocket. To prevent accidental disarming, the system may be programmed to automatically rearm itself 90 seconds after disarming and unlocking from the transmitter, unless the ignition switch is turned "On". Once the ignition switch is turned "on", the system will stay in the disarmed condition until you are ready to arm the system again from the transmitter or from the Last Door Arming feature. Opening a door will also stop Automatic Rearming, but the countdown will resume when the door is shut. Additionally, the system may also be programmed to relock the doors when the system Automatically Rearms.

- **Automatic Locking Features:** Several forms of automatic locking of the doors may be selected. The previously mentioned locking additions which may be added to Last Door Arming and Automatic Rearming may be selected to operate without the system arming.

- **Independent Automatic Starter Interrupt Operation:** The Starter Interrupt circuit, which is activated at all times while the system is armed, may also be selected to engage automatically, without the system being armed.

- **30 Or 60 Second Activated Cycle:** The system may be programmed, when activated, to sound

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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.

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

Disarm - A security system which is in a "standby" 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, in addition to illuminating when electricity flows through it, limits the flow of electricity to one direction only. For practical purposes, consider it as an indicator light.

Remote Panic - A personal protection feature which, when activated, sounds the vehicle's horn and flashes its lights via the transmitter.

Starter Disable - A device, when engaged, that will prevent starting the vehicle's engine.

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

Triggered - Another common term for an activated security system which has detected an entry attempt or an input from a sensor. A triggered 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.

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the horn and flash the lights for 30 seconds instead of 60 seconds. Some areas may have laws or ordinances requiring the shorter activation period.

- **5 Or 30 Second Parking And Interior Light Illumination Upon Disarming:** The period of time that the parking and interior stay illuminated upon disarming the system is also selectable.

- **Adjustable Arming Delay:** The system full arming may be delayed either 3 or 45 seconds after the light flash and horn honk indicate that the system is armed.

- **3rd Channel Output:** This is an extra operation, similar to the trunk release output, which is available to operate optional equipment. This output is ideal for remote car starting units, as it leaves the system armed when operated. Pressing the transmitter's Lock and Unlock buttons in unison operates this output, and, if desired, the 4 button transmitter's Panic button may also be programmed to operate the output.

- **Warn-Away Feature:** The addition of an optional Dual Zone Sensor adds warn-away protection. Depending on the type of optional sensor, the detection of a light impact or approaching object while the system is armed will honk the horn 3 times. This feature automatically deactivates after repeated violations, which avoids the system being considered a nuisance.

Glossary

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

Code - A digital signal which is assigned to each transmitter to make it unique and different from other

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Tips To Help Avoid Becoming 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 doors locked. Use the interior/exterior light illumination 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.
- 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 its 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.
- 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 mechanic, or any person requiring access to your car keys.
- 8) After someone else has had access to your vehicle, always verify that your transmitters still operate your system, and be aware of the operation of the Automatic Transmitter Verification™ feature, which ensures that no additional unauthorized transmitters have been added to your system for the purpose of stealing your vehicle or its contents.

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