



## Model APS-787a Owner's Manual

### 5 Button Remote Start Security System With Plug-In Shock Sensor & Starter Disable

#### FEATURES:

- 2 Five Button Programmable RF Transmitters
- Seven Channel Code Learning Receiver (capable of accepting 4 transmitters)
- Code Hopping Technology
- Selectable Manual Override Mode
- Remote Panic in all modes
- Protected Valet/Override
- Combination Remote Start Safety Control/Valet/Programming Push-Button LED Switch
- Selectable Automatic Timed Start Mode
- User Programmable Manual Override Code
- 7 Function LED - Arm / Disarm / Zone 1 / Zone 2 / Zone 3 / Valet / Arming
- Intrusion Alert with Memory
- Audible Arm / Disarm / Defective Zone / Tamper Confirmation
- Instant Siren Activation All Entry Points
- Starter Disable When Armed
- True Last Door Arming
- Defective Zone By-Pass
- Active or Passive Arming Selectable
- Programmable Auto Lock On / Off
- Programmable Auto Unlock / Off/Drivers Door/All Doors
- Programmable Door Lock Pulse Duration 1 Second / 3.5 Seconds/1 Sec L/ Dbl. U/L
- Channel 4, 5, 6, & 7 Output to Control Optional Accessories
- Programmable Active or Passive Door Locks
- User Programmable Permanent Chirp Delete
- On Command RF Chirp Delete from Transmitter Or Selectable Through Software
- 6 Tone Multi Tone Siren
- Car Horn Activation for additional alarm response
- Additional Negative Trigger Input
- RF Inhibit with ignition on
- Parking Light Flasher
- Remote Keyless Entry With Optional Access Guard (must have power door locks)
- Illuminated Entry
- Plug In Dual Stage Shock Sensor

#### OPTIONS :

- Telematic Upgrade Ready
- Plug In Flash Logic By-Pass Capable
- Remote Trunk Release (must have electronic trunk release)
- Multiple Vehicle Capable
- Remote Power Window Roll Up
- Remote Garage Door Interface
- Multiple Vehicle Capable

**CAUTION!** Be certain that the vehicle is outdoors before using this or any remote vehicle starting device. A running engine produces dangerous carbon monoxide fumes which can be harmful or fatal if prolonged exposure occurs. DO NOT remote start the vehicle if it is garaged.

Your Remote Start Alarm System has many features and available options some of which are selected at time of installation. For your reference, the list on page 9 of this manual shows what features and options have been installed. Consult your installing dealer for options that may have been installed and are not listed.

**YOUR " CODE HOPPING " TRANSMITTERS:**

The transmitters included with your new remote start system use the most advanced and secure form of radio frequency transmission available on any current automotive remote system. Some of today's sophisticated auto thieves use a device known as a code grabber, which will receive and store the signal from your keychain transmitter, and re-transmit at a later time to disarm your system.

Your code hopping transmitters will change their signal every time the button is pressed, so when a thief grabs then re-transmits your signal, the alarm system *will not* respond.

If your transmitter button is pressed more than fifty times while it is out of range of the vehicle (children playing with your keys), the transmitter will not operate when you return to the vehicle, and will need to be re-aligned to the receiver. To do this, simply press the Lock/Unlock button two times within a one second time period. The system will now respond to that transmitter each time a button is pressed.

**ARMING THE SYSTEM - ACTIVE:**

1. Turn the engine off, exit the vehicle, and close all doors, hood and trunk.
2. Press and release the Arm button of your key chain transmitter one time.

The parking lights will flash once, the siren will chirp once, and the dash mounted LED will begin to flash slowly confirming the system is armed. If you have the optional door lock/unlock circuit installed, the doors will lock.

**NOTE:** If the siren/horn sounds 3 chirps, then you have left a door, trunk, or hood lid ajar. Simply close the opened entry point to provide full protection. If the siren "chirped" three times, sometime after arming, the exclusive delayed dome light learn circuit has been programmed and the system detected a open entry point after the learned delay expired. Again, closing the hood, trunk, or doors will correct the problem and you do not need to disarm the system to make the correction. If the siren/horn did not sound when arming, then the chirps have been turned off and you should refer to the section titled "ELIMINATING THE ARM/DISARM CHIRPS" in this manual.

**SILENT ARMING - ACTIVE:**

1. Turn the engine off, exit the vehicle, and close all doors, hood and trunk.
2. Press and hold the Arm button of your key chain transmitter for two seconds.

The parking lights will flash once, and the dash mounted LED will begin to flash slowly confirming the system is armed. The siren will not chirp. If you have the optional door lock/unlock circuit installed, the doors will lock.

**NOTE:** If the siren/horn sounds 3 chirps, then you have left a door, trunk, or hood lid ajar. Simply close the opened entry point to provide full protection. If the siren "chirped" three times, sometime after arming, the exclusive delayed dome light learn circuit has been programmed and the system detected a open entry point after the learned delay expired. Again, closing the hood, trunk, or doors will correct the problem and you do not need to disarm the system to make the correction. If the siren/horn did not sound when arming, then the chirps have been turned off and you should refer to the section titled "ELIMINATING THE ARM/DISARM CHIRPS" in this manual.

### **ARMING THE SYSTEM - PASSIVE (AUTOMATIC)**

If the passive arming feature has been selected:

1. Turn the engine off, exit the vehicle, and close all doors, hood and trunk.

The dash mounted LED will begin to flash rapidly indicating that the 30 second passive arming timer has begun. If the LED does not begin to flash rapidly, then you have left a door, hood, or trunk ajar. Closing this entry point will allow the arming cycle will begin. If any entry point is opened during the 30 second arming cycle, arming will be suspended. When all entry points are closed, the arming cycle will begin again.

At the end of the 30 seconds, the parking lights will flash once, the siren will chirp once, and the dash mounted LED will begin to flash slowly confirming the system is armed. If the siren did not sound when arming, then the chirps have been turned off. Refer to the section on "Eliminating the Arm/Disarm Chirps" shown later in this manual. Passive door locking is a selectable feature. If you have the optional door lock/unlock circuit installed, the doors may or may not lock passively depending upon the setup during installation.

### **PROTECTION WHILE THE SYSTEM IS ARMED:**

Opening any protected entry point, hood, trunk, or doors will cause the alarm to trigger immediately. The siren will sound and the parking lights will flash for 30 seconds, then stop and continue to monitor all protected entry points. If the thief left the door opened, the unit will sound for six 30 second cycles then shut down, isolate the triggered zone and continue to protect all other zones.

Whenever the system is armed, the dash mounted LED will slowly flash. This serves as a visual deterrent to a potential thief. This LED is a very low current light emitting diode, and will not cause the battery to drain even if left unattended for long periods of time.

Whenever the system is triggered, the vehicle's parking lights will flash for the full siren sounding period. Optional - whenever the system is triggered, the interior courtesy light will flash for the full siren sounding period.

Whenever the system is armed, the vehicle starter circuit is disabled, and the vehicle will not start with the ignition key.

Whenever the system is armed, any strong impact to the vehicle will cause the shock detector to trigger the alarm. Any lesser impact will cause the pre-detect stage of the shock sensor to emit a few short series of warning tones from the siren.

### **DISARMING THE SYSTEM**

As you approach the vehicle, press and release the Disarm button on the keychain transmitter. The parking lights will flash two times, the siren will chirp twice, and the dash mounted LED will turn off.

If you have the optional door lock/unlock circuit installed, the doors will unlock. If you have the optional entry illumination circuit installed, the interior light will turn on for 30 seconds or until the ignition key is switched on.

**NOTE:** If the passive arming mode was selected at time of installation, the dash mounted LED will start flashing rapidly indicating that the system is rearming. Opening any door will suspend the automatic arming.

If the parking lights flashed three times, and the siren chirps four times, this indicates that the alarm system was triggered during your absence. Before turning on the ignition key, examine the dash mounted LED's flash pattern. The number of flashes identifies the triggered zone. For additional information, refer to INTRUSION WARNING SIGNALS found later in this manual.

If the siren did not sound upon disarm, then the chirps have been turned off. Refer to the section titled ELIMINATING THE ARM/DISARM CHIRPS.

**NOTE:** If the optional 2 step door unlock circuit is installed, when the unlock transmitter button is activated, the drivers door only will unlock, pressing the unlock button a second time will cause all doors to unlock. If your transmitter has a sperate lock unlock buttons, pressing the unlock button anytime after the first unlock command will cause all the vehicle doors to unlock.

#### **SILENT DISARMING**

1. As you approach the vehicle, press and hold the disarm button of your key chain transmitter for two seconds.

The parking lights will flash twice, and the dash mounted LED will turn off confirming that the system is disarmed. The siren will not chirp. If you have the optional door lock/unlock circuit installed, the doors will unlock. If you have the optional entry illumination circuit installed, the interior light will turn on for 30 seconds or until the ignition key is switched on.

**NOTE:** If the passive arming mode was selected at time of installation, the dash mounted LED will start flashing rapidly indicating that the system is rearming. Opening any door will suspend the automatic arming.

If the parking lights flashed three times, and the siren chirps four times, this indicates that the alarm system had been triggered in your absence. Before turning on the ignition key, examine the dash mounted LED's flash pattern. The number of flashes identifies the triggered zone. For additional information, refer to INTRUSION WARNING SIGNALS found later in this manual.

**NOTE:** If the optional 2 step door unlock circuit is installed, when the unlock transmitter button is activated, the drivers door only will unlock, pressing the unlock button a second time will cause all doors to unlock. If your transmitter has a sperate lock unlock buttons, pressing the unlock button anytime after the first unlock command will cause all the vehicle doors to unlock.

#### **WHILE THE SYSTEM IS SOUNDING**

If during a triggered state, you wish to shut off the siren without disarming your security system, simply press and release any transmitter button other than the disarm button. This action will turn off the siren yet leave the vehicle fully armed and protected. This feature is particularly useful if you are aware of children playing near your vehicle that may accidently trigger your security system. In this case you can cancel the siren sounding.

#### **INTRUSION WARNING SIGNAL**

This system will inform you if an intrusion attempt has occurred while you were away from the vehicle. Upon disarm, the siren will chirp 4 times and the parking lights will flash 3 times. Enter the vehicle and before turning on the ignition switch, observe the LED flash pattern.

If the LED flashes one time...pause, one time...pause etc., then an intrusion attempt was made by impact or a strong vibration that the shock sensor detected. Check the vehicle for possible damage to the glass or body panels.

If the LED flashes two times...pause, two times...pause etc., then an intrusion attempt was made to open the hood, trunk, or by an accessory triggering device. Check the vehicle for indications of forced entry to these openings.

If the LED flashes three times...pause, three times...pause etc., then an intrusion attempt was made to the vehicle doors. Check all doors for indications of forced entry.

**NOTE:** The LED intrusion warning indications are stored in the system's memory and will be erased when the ignition switch is turned on.

#### **PUSHBUTTON LED/VALET/OVERRIDE/PROGRAMMING SWITCH: (PBLED)**

The PBLED switch allows you to temporarily bypass all alarm functions, eliminating the need to hand your transmitter to parking attendants or garage mechanics. When the system is in valet mode, all alarm functions are bypassed, however the remote panic feature and remote

door locks will remain operational. To use the valet mode, the system must first be disarmed either by using your keychain transmitter, or by activating your personalized manual override code.

1. Enter the vehicle, and turn the ignition key to the on position.
2. Press and hold the PBLed switch until the LED turns on solid. The system will remain in the valet mode.
3. To return to normal operation, press and release the PBLed switch any time the ignition is on.

**NOTE:** Always remember to return the vehicle to the valet off position. This will ensure that the vehicle remains protected at all times.

#### **MANUALLY OVERRIDING YOUR SYSTEM:**

##### **USING THE PBLed OVERRIDE SWITCH**

Your Security System can be disarmed without the use of the keychain transmitter. This is necessary, since you will need the ability to operate your vehicle if the transmitter is lost or its battery fails. If your system has been selected for Valet Switch manual override as indicated on the last page of this manual, to bypass the alarm system;

1. Open the vehicle door. The alarm will sound.
2. Turn the ignition key to the on position.
3. Within 5 seconds, press and release the PBLed override switch.

The alarm system will stop sounding and enter the (bypassed) mode. You can now start and operate the vehicle normally.

Typically this override mode is used only if the transmitter has become inoperative.

##### **Programming Your Custom Override Code:**

Unlike override switches easily found, and defeated, this security system allows the consumer to program a personal override code, offering a higher level of security. To take advantage of this option, programmable feature # 10 must be selected for the Custom Code Option. Consult your installation center for programming details. The system comes from the factory with a pre-programmed override code of 11. To change this default override code, do the following:

1. Disarm the system by use of the transmitter, or by use of the emergency override sequence. Turn the ignition switch to the on position.
2. Within 10 seconds, press and release the PBLed switch, 3 times.
3. Within 10 seconds turn the ignition switch off, on, off, on, off, on.  
(The siren or horn will beep and the lights will flash one time.)
4. Within 10 seconds, begin to enter your chosen 10ths digit by pressing and releasing the PBLed switch from 1 up to 9 times.
5. Within 10 seconds of the last entered 10ths digit, turn the ignition switch off then on.
6. Within 10 seconds, begin to enter your chosen units digit by pressing and releasing the PBLed switch from 1 up to 9 times.
7. Finish by turning the ignition switch to the off position.

If the new code was accepted, the unit will report back the newly entered code, by flashing the LED, first indicating the 10ths digit, pause and then the units digit. The unit will report the new code three times with a one second pause between each code, then the system will begin arming. If the LED flash pattern reports the previously stored code, the new code was not entered correctly. Please repeat steps 1 through 7 above considering the following.

**NOTE:** Acceptable digits 10ths or units are 1 through 9. The unit will not recognize a 0 (Zero), or no digit entered in any place, units or tenths.

**NOTE:** If 15 seconds of inactivity expire, or if the ignition switch is turned off for more than 5 seconds during any of the above steps, the unit will revert back to the last successfully stored code.

**Custom Code Programming Example:**

To Change the code from the factory pre-assigned code of 11 to "52" you would do the following:

1. Disarm the system by use of the transmitter, or by use of the emergency override sequence.
2. Turn the ignition switch to the on position.
3. Within 10 seconds, press and release the PBLEd switch, 3 times.
4. Within 10 seconds turn the ignition switch off, on, off, on, off, on.  
(The siren or horn will beep and the lights will flash one time.)
5. Within 10 seconds, begin to press and release the PBLEd switch to set the tenths digit.  
(As per the example, press and release 5 times to set the tenths digit to 5)
6. Within 10 seconds of the last press of the pushbutton, turn the ignition switch off then on.
7. Within 10 seconds, begin to press and release the PBLEd switch to set the units digit.  
(As per the example, press and release 2 times to set the units digit to 2).
8. Turn the ignition switch to the off position. Immediately observe the LED flash pattern. You will note the LED flashing five times, pause, and then flash two times, pause. This pattern will be repeated three times indicating the new code (52) has been accepted and stored in memory.

**NOTE:** If after step 7, the LED flashes a code other than what was just entered, this indicates that the code has not been changed. You will have to repeat steps 1 through 7 above being certain to note the following:

Acceptable digits 10ths or units are 1 through 9. The unit will not recognize a 0 (Zero), or no digit entered in any place, units or tenths.

**NOTE:** If 15 seconds of inactivity expire, or if the ignition switch is turned off for more than 5 seconds during any of the above steps, the unit will revert back to the last successfully stored code.

**MANUALLY OVERRIDING YOUR SYSTEM:**

**USING THE CUSTOM CODE OVERRIDE**

Assuming the override code programmed has not been changed, and the default override code of 11 is in the system's memory.

- 1) Enter the vehicle and turn the ignition switch to the on position.

**NOTE:** The siren will sound.

- 2) Within 5 seconds, press and release the PBLEd switch 1 time.
- 3) Within 5 seconds, turn the ignition switch off then on.
- 4) Within 5 seconds, press and release the PBLEd switch 1 time.
- 5) Turn the ignition switch off then on and start the vehicle.

**NOTE:** If you have changed the programmed override code then substitute your new code tenths for step 2 above, and units for step 5 above.

**ELIMINATING THE NORMAL ARM/DISARM CHIRPS**

You can selectively eliminate the normal arm & disarm chirps by holding the transmitter button slightly longer when arming or disarming. This will prevent the siren chirps for one arm or disarm cycle. If you find this inconvenient and wish to eliminate these chirps permanently,

1. Turn the ignition switch 'on' then 'off'.
3. Within 10 seconds of turning off the ignition, press and release the PBLEd switch 3 times.
4. If the chirps were on before you started, the siren will emit 2 short chirps indicating that the chirps are now off. If the chirps were off before you started, the siren will emit one short chirp indicating that the chirps are now on.

**NOTE:** If the vehicle battery is disconnected then reconnected, the unit will return to the default setting of chirps on. Repeat the above procedure to eliminate the arm/disarm chirps.

#### **REMOTE PANIC OPERATION**

The Lock or Unlock button on your keychain transmitter also functions as a panic switch for use in emergency situations. To use remote panic,

1. Press and hold the Lock or Unlock button on the keychain transmitter for 3 or more seconds. The alarm will immediately sound.
2. To stop the alarm, press and hold the Lock or Unlock button on the transmitter again for 3 seconds. If the button is not pressed, the alarm will automatically stop after 30 seconds. Also if any transmitter button other than the Lock or Unlock button is pressed and released, the Panic mode will be turned off immediately. The normal function of this transmitter button will be suspended during the Panic sounding period.

**NOTE:** While in the Panic mode, pressing and releasing the Lock, or the Unlock buttons will, if the option is installed, lock and unlock the doors respectively. While in the panic mode, anytime the unlock button is pressed, the panic feature will continue for the allotted 30 seconds, however, the security system will be disarmed allowing the vehicle to start.

#### **PBLED SAFETY CONTROL SWITCH**

The Push-Button LED control switch allows you to temporarily disable the remote starting function of the system. This recommended whenever the vehicle is being serviced. To place the system in the service mode:

- 1) With the system disarmed/unlocked, and the ignition switch off Press and Hold the PBLED on.
- 2) Turn the ignition switch on, off, on, off, on, off.
- 3) The LED begins to flash two short flashes followed by one long flashes and continues this pattern until returned to normal mode of operation.

This puts the unit into the R/S Override mode indicating that the remote start is in the service mode and will not start from RF or any other input Posse or otherwise.

To Exit R/S Override Mode

- 1) With the system disarmed, Press and Hold the PBLED on.
- 2) Turn the ignition switch on, off, on, off, on, off.
- 3) The LED turns off indicating that the R/S unit is fully functional one again.

#### **TURBO TIMER MODE**

This system provides a means to cool down the vehicles turbo charger, if so equipped, by allowing the vehicle to continue to run for a prescribed period of time every time the vehicle's engine is turned off. This feature requires the system to be set up for turbo timer during installation. Consult with your installation center to be certain this feature was activated and how long the vehicle will continue to run, 3, 5, or 10 minutes after the ignition switch is turned off.

To activate the turbo timer:

Anytime the ignition key is in the on position for more than 15 seconds:

- 1) Place the gear selector in park.
- 2) Set the parking, (hand), brake.
- 3) Be certain your foot is off the brake pedal.
- 4) Press the program/Push-Button switch 2 times within 5 seconds.

The parking lights will flash two times indicating the mode was successfully entered.

If your parking lights flashed four times, this indicates the turbo mode was on and is now turned off.

With the turbo timer mode selected on, after you've arrived at your destination, while the engine is still running, set the parking brake, pause 2 seconds, then turn the ignition switch to the off position. The engine will continue to run the allotted time according to the selection during installation.

If you do not want the vehicle to continue to run for one cycle, simply step on the vehicle's brake, or release the parking brake, or activate the transmitter's start button two times in succession. Any of these will cause the engine to turn off.

#### **REMOTE STARTING THE VEHICLE**

The unit WILL NOT start the vehicle if any one of the following conditions exists:

1. The Vehicle Hood Is Opened.
2. The Gear Selector Is In Any Gear Other Than Park.
3. The Brake Is Depressed.
4. The System is in the Remote Start Override mode

**CAUTION!** Be certain that the vehicle is outdoors before using this or any remote vehicle starting device. A running engine produces dangerous carbon monoxide fumes which can be harmful or fatal if prolonged exposure occurs. DO NOT remote start the vehicle if it is garaged.

#### **To Remote Start The Vehicle:**

Press and release the trunk/key button of your keychain transmitter two times within 2 seconds. The vehicle will start and remain running for the pre-programmed 5, 10, 15, or 20 minutes. As a visual indication, the parking lights will flash or turn on depending on the programming set up by your installation center.

When you arrive at your vehicle, disarm the alarm system by pressing and releasing the Disarm button of your keychain transmitter. Enter the vehicle and turn the ignition key to the on position.

**CAUTION!** Do not turn the key to the start position. This will cause the starter motor to engage with the already running engine which could result in damage. Step on the brake pedal to disengage the remote start unit. The vehicle will continue to run but now on it's own power.

**NOTE:** The engine will stop running before the expiration of the pre-programmed run timer if you complete any of the following:

1. Press and release trunk/key button of your keychain transmitter two times within 2 seconds.
2. Depress the brake pedal.
3. Open the hood.
4. Place the system in Remote Start Override Mode.
5. Race the engine to above 4000 RPM.

#### **OPERATING ON AUTOMATIC START UP TIMER MODE**

This unit has the ability to automatically start the vehicle every 2 or 4 hours over a 48 hour period. This feature is especially useful in cold climates where the only means to keep the engine and engine fluids warm is to periodically start the engine.

**CAUTION!** Be certain that the vehicle is outdoors before using this or any remote vehicle starting device. A running engine produces dangerous carbon monoxide fumes which can be harmful or fatal if prolonged exposure occurs. DO NOT remote start the vehicle if it is garaged.

#### **TO BEGIN THE AUTOMATIC START UP TIMER**

1. Turn the ignition key on then off.
2. Within 10 seconds, activate the RF start command two times. (Push the trunk/key button of your keychain transmitter 4 times).



The parking lights will flash and the siren will chirp 4 times indicating the timed start mode is activated.

The vehicle, on a 2 or 4 hour interval basis, will automatically start, run for the pre-programmed time (5, 10, 15 or 20 minutes), and then shut off. This will continue for 48 hours.

**NOTE:** The automatic start up timer can also be initiated from the keychain transmitter.

To do this:

1. Start the vehicle using the keychain transmitter by pressing and releasing the trunk/key button 2 times.
2. Shut off the vehicle using the keychain transmitter by pressing and releasing the trunk/key button 2 times.
3. Within 10 seconds of step 2, activate the RF start command two times. (Push the trunk/key button of your keychain transmitter 4 times).

The parking lights will flash and the siren will chirp 4 times indicating the timed start mode is activated.

#### **CANCELING THE AUTOMATIC START UP TIMER**

To cancel the automatic start up timer do one of the following:

1. Start the vehicle manually with the use of the ignition key and depress the brake pedal.
2. Remote start the vehicle using your keychain RF transmitter.

#### **ADDITIONAL REMOTE FUNCTION (CHANNEL 3)**

This system has an additional feature that can be connected to a number of different optional accessories. Some of the more common uses for this channel are:

- Remote Trunk Release
- Remote Window Closure
- Remote Garage Door Interface

To activate the optional accessory, press and hold the trunk/key button on the keychain transmitter for four seconds.

**NOTE:** The feature that has been added to channel 3 will always be activated using the same transmitter button that remotely starts the vehicle. There is no way to move the channel 3 function to a different transmitter button.

#### **ADDITIONAL REMOTE FUNCTION (CHANNEL 4)**

This system has an additional feature that can be connected to a number of different optional accessories. Some of the more common uses for this channel are:

- Can Be Set Up To Activate Rear Window Defogger During Remote Start If Vehicle Is So Equipped
- Remote Window Closure
- Rear Hatch Release
- Right Or Left Slider Doors in An Equipped Van

To activate the optional accessory, press the option button on the keychain transmitter.

The optional accessory will immediately engage.

#### **ADDITIONAL REMOTE FUNCTION (CHANNEL 5)**

This system has an additional feature that can be connected to a number of different optional accessories. Some of the more common uses for this channel are:

- Remote Trunk Release
- Remote Window Closure

- Rear Hatch Release
- Right Or Left Slider Doors in An Equipped Van

To activate the optional accessory, press the option button on the keychain transmitter. The optional accessory will immediately engage.

**ADDITIONAL REMOTE FUNCTION (CHANNEL 6)**

This system has an additional feature that can be connected to a number of different optional accessories. Some of the more common uses for this channel are:

- Rear Hatch Release
- Right Or Left Slider Doors in An Equipped Van
- Driver Priority Settings In Vehicles So Equipped

To activate the optional accessory, press the option button on the keychain transmitter. The optional accessory will immediately engage.

**ADDITIONAL REMOTE FUNCTION (CHANNEL 7)**

This system has an additional feature that can be connected to a number of different optional accessories. Some of the more common uses for this channel are:

- Rear Hatch Release
- Right Or Left Slider Doors in An Equipped Van
- Driver Priority Settings In Vehicles So Equipped
- Second Driver Priority Settings In Vehicles So Equipped

To activate the optional accessory, press the option button on the keychain transmitter. The optional accessory will immediately engage.

**NOTE:** If your system utilizes the transmitter shown, the second option button may be configured to operate additional accessories. Please consult your installing retailer for more information concerning the options available.

**TELEMATIC UPGRADE:**

This system has the ability to have a telematic upgrade module connected to it. This is an upgrade that can give you control of certain functions of your vehicle from a Telephone, or in some cases a computer interface. Please check with your installation center for most recent Telematic Upgrades. If you had a Telematic Upgrade installed, the manual supplied with the upgrade unit will provide a operators manual advising of the features of the system and means available to control these features of your vehicle.

**FEATURE AND FUNCTION SETTINGS**

To Be Completed By Installing Technician

	Settings			
Remote Start Function	<input type="checkbox"/> 1 Sec	<input type="checkbox"/> 3.5 Sec	<input type="checkbox"/> 1 Sec L/Dbt. UL	
Door Lock Time	<input type="checkbox"/> Pulse	<input type="checkbox"/> Steady		
Parking Lights	<input type="checkbox"/> 5 Min	<input type="checkbox"/> 10 Min.	<input type="checkbox"/> 15 Min	<input type="checkbox"/> 20Min
Run Time	<input type="checkbox"/> On	<input type="checkbox"/> Off		
Remote Activation Chirp				
Remote Alarm Function	Transmitter Button(s)			
Channel 1	<input type="checkbox"/> Arm/Disarm/Disarm 2	<input type="checkbox"/> Arm Only	<input type="checkbox"/> 1	<input type="checkbox"/> 2
Channel 2	<input type="checkbox"/> Not Used	<input type="checkbox"/> Disarm/Disarm 2	<input type="checkbox"/> 3	<input type="checkbox"/> 4
Auto Door Lock	<input type="checkbox"/> On	<input type="checkbox"/> Off	<input type="checkbox"/> 1	<input type="checkbox"/> 2
Auto Door Unlock	<input type="checkbox"/> Drivers	<input type="checkbox"/> All	<input type="checkbox"/> 3	<input type="checkbox"/> 4
Passive Lock	<input type="checkbox"/> On	<input type="checkbox"/> Off	<input type="checkbox"/> 1	<input type="checkbox"/> 2
Passive Arm	<input type="checkbox"/> On	<input type="checkbox"/> Off	<input type="checkbox"/> 3	<input type="checkbox"/> 4
Siren / Horn	<input type="checkbox"/> Siren&Horn	<input type="checkbox"/> Siren Only	<input type="checkbox"/> Horn Only	
Horn Chirp	<input type="checkbox"/> 10mS	<input type="checkbox"/> 16mS	<input type="checkbox"/> 30mS	
Valet / Coded Ovrride	<input type="checkbox"/> Coded	<input type="checkbox"/> Valet		
Chirp On The Fly	<input type="checkbox"/> On	<input type="checkbox"/> Off		
Remote Trunk Release	Channel 3	Channel 4	<input type="checkbox"/> 1	<input type="checkbox"/> 2
Remote Window Close	Channel 3	Channel 4	<input type="checkbox"/> 3	<input type="checkbox"/> 4
Remote Garage Interface	Channel 3	Channel 4	<input type="checkbox"/> 1	<input type="checkbox"/> 2

**APS-787a**  
**SYSTEM FUNCTIONS AT A GLANCE**

**ALARM DASH LED INDICATORS**

RAPID FLASHING	=	PASSIVE ARMING
SLOW FLASHING	=	ARMED
OFF	=	DISARMED
ON SOLID	=	VALET MODE
3 FLASH... PAUSE	=	INTRUSION ZONE 3
2 FLASH...PAUSE	=	INTRUSION ZONE 2
1 FLASH...PAUSE	=	INTRUSION ZONE 1

**ALARM SIREN CHIRP INDICATION**

1 CHIRP*	=	ARM
2 CHIRPS*	=	DISARMED
3 CHIRPS	=	ARMING WITH ENTRY POINT OPENED
4 CHIRPS	=	DISARM AFTER INTRUSION
5 CONTINUOUS	=	TRIGGERED/PANIC

**ALARM PARKING LAMP INDICATIONS**

1 FLASH	=	ARM
2 FLASH	=	DISARM
3 FLASH	=	DISARM AFTER INTRUSION
CONTINUOUS FLASH	=	TRIGGERED/PANIC

**REMOTE START SIREN INDICATIONS**

1 LONG/1SHORT	=	RF START COMMAND ISSUED (IF SELECTED ON)
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**REMOTE START PARKING LAMP INDICATIONS**

1 FLASH	=	RF START COMMAND ISSUED
ON	=	RUNNING UNDER REMOTE START CONTROL (IF SELECTED)
CONTINUOUS FLASH	=	RUNNING UNDER REMOTE START CONTROL (IF SELECTED)

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