



## Model PRO 9246CH

### Owner's Manual

#### Active/Passive Operation

#### Remote Keyless Entry

**CONGRATULATIONS!** Your purchase of this state-of-the-art security system expresses a deep concern for the security of your vehicle, its contents, and passengers. To fully appreciate the many functions and safeguards incorporated in this system, please spend a few minutes reading this manual. You may find unexpected features that could mean the difference between "protected" and "fully protected"

**IMPORTANT !** In order to provide the highest possible level of security to your vehicle, this system is equipped with selectable manual override circuitry. It is possible that you will need to manually override your security system if the transmitter becomes lost, or inoperative due to battery failure. Reading the sections on "**MANUALLY OVERRIDING YOUR SYSTEM**" is necessary to fully understand the procedure required to enable your vehicle in such situations. In addition, the chart on the last page of this manual has a section for the particular features and options installed in your vehicle as well as the override method selected. **Valet Switch manual override is pre-selected from the factory,** however, the system can be configured for "Custom Code" operation. Confirm the override mode selected on the last page of this manual, and familiarize yourself with the section on it's operation.

#### **FEATURES :**

- ♦ 2 Three Button Programmable RF Transmitters (capable of accepting 4 transmitters)
- ♦ Separate Lock/Unlock Transmitter Buttons
- ♦ Four Channel Receiver
- ♦ Code Hopping Technology
- ♦ Selectable Manual Override Mode
- ♦ User Programmable Manual Override Code
- ♦ Active or Passive Arming Selectable
- ♦ Programmable Auto Lock On / Off
- ♦ Programmable Auto Unlock, Drivers, All, None
- ♦ Programmable Door Lock Pulse Duration 1 Second / 3.5 Seconds / 1 Sec, Dbl. 1 Sec
- ♦ Programmable Active or Passive Door Locks
- ♦ RF Inhibit with ignition on
- ♦ Interior Light Flasher (Arm/Disarm/Programming)
- ♦ Remote Trunk Release (must have electronic trunk release)
- ♦ LED Status Indicator Displays Arming, Armed, Disarmed & Valet

#### **OPTIONS :**

- ♦ Parking Light Flasher (Relay Required) (Arm/Disarm/Programming)
- ♦ Starter Disable (Relay Required)
- ♦ Horn Output (Relay Required)
- ♦ Multiple Vehicle Capable
- ♦ Remote Vehicle Starter
- ♦ Remote Power Window Roll Up
- ♦ Remote Garage Door Interface

**Note:** The "Arming" and "Disarming" references in this manual apply only to those vehicles which have the optional starter inhibit relay installed, and take place when the vehicle is locked and unlocked respectively.

128-6628

1 of 8

**NOTE:** Because this system has an optional horn annunciation circuit, where light flash is mentioned, the horn may also beep a tone pattern synonymous with the flash pattern of the lights.

**Locking / Arming (Active)**

1. Turn off the engine, exit the vehicle, and close all doors.
2. Press and release the Lock button on the keychain transmitter. The doors will lock, the LED will begin to flash slowly and the vehicle's parking lamps will flash once, if the optional parking light flasher was added. The horn will beep once if the optional horn annunciation circuit was added.

**Locking / Arming (Passive)**

Passive (Automatic) arming and locking is a selectable feature and may not be activated in your vehicle.

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

**Note:** Automatic passive arming will not begin until all doors are closed, allowing passenger to exit the vehicle at their convenience.

2. The LED will begin flashing rapidly, 30 seconds later the system is armed, the vehicle's parking lamps will flash one time, if the optional parking light flasher was added.

**NOTE:** The keyless entry control module can be programmed to either;

- A. Automatically lock the doors during step 2 above.

or....

- B. Only lock the doors when step 3 is executed.

3. If you wish to Lock/Arm the system immediately, simply press and release the Lock button on the keychain transmitter. The doors will lock, the LED will begin to flash and the vehicle's parking lamps will flash once, if the optional parking light flasher was added. The horn will beep once if the optional horn annunciation circuit was added.

**Protection While The System Is Armed**

Whenever the system is armed, the vehicle's starter will be bypassed (optional). If a thief should attempt, the vehicle can not be started.

**Unlocking / Disarming**

1. As you approach the vehicle, press and release the Unlock button on the key chain transmitter.
2. The LED will turn off, the vehicle's parking lamps will flash 2 times, if the optional parking light flasher was added, the doors will unlock, and the vehicle's interior courtesy light will turn on for approximately 20 seconds, indicating that the system is disarmed. The horn will beep twice if the optional horn annunciation circuit was added.

**Note:** If the passive arming feature is activated in your vehicle, the LED will begin to flash rapidly when the unlock button is pressed. Opening any door will suspend the arming process.

**NOTE:** If the optional 2-step unlock feature was installed, then only the driver's door will unlock during step 1 above. To unlock all doors, press the unlock button of the transmitter a second time.

3. Never attempt to disarm the system from a distance that prevents you from opening a door within 30 seconds, when the system is programmed for passive arming as the system will begin to re-arm until a door is opened. Opening the door will suspend the passive arming cycle.

**CAR FINDER:**

As an added convenience, your system has the ability to flash the parking lights and sound the vehicle's horn, (If these options have been added), on command from the transmitter. This feature is particularly useful to help locate your vehicle in a crowded parking lot. To access this feature, simply press and hold the Lock or Unlock button of your keychain transmitter for three seconds. This mode will cancel automatically after 30 seconds, or you can cancel it from the transmitter by pressing the same transmitter button again for three seconds. This mode can also be canceled immediately, by pressing any button other than the lock or unlock button.

**VALET SWITCH**

The valet switch allows you to temporarily bypass your system's security functions, eliminating the need to hand your transmitter to parking attendants or garage mechanics. When the system is in valet mode, the starter inhibit feature, if installed, is bypassed, however the 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 manually overriding the system.

1. Enter the vehicle, and turn the ignition key to the on position.
2. Press and hold the valet push-button switch until the dash mounted LED turns on solid indicating that the valet mode has been entered successfully.
3. To return to normal operation, press and release the push-button switch any time the ignition is on.

**NOTE:** Always remember to exit the valet mode to ensure that the vehicle remains protected at all times.

**MANUALLY OVERRIDING YOUR SYSTEM:**

**USING THE VALET SWITCH MANUAL OVERRIDE**

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.
2. Turn the ignition key to the on position.
3. Within 5 seconds, press and release the valet push-button switch.

The system will 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 # 6 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 valet/override switch, 3 times.
3. Within 10 seconds turn the ignition switch off, on, off, on, off, on.  
(The lights will flash one time.)
4. Within 10 seconds, begin to enter your chosen 10ths digit by pressing and releasing the push-button 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 push-button 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 Passive Arming Has Been Selected). 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 preassigned code of 11 to "52" you would do the following:

1. Disarm/Unlock 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 valet/override switch, 3 times.
4. Within 10 seconds turn the ignition switch off, on, off, on, off, on.  
(The lights will flash one time.)
5. Within 10 seconds, begin to press and release the push button 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 push-button, turn the ignition switch off then on.

7. Within 10 seconds, begin to press and release the push button 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.
- 2) Within 5 seconds, press and release the push-button switch 1 time.
- 3) Within 5 seconds, turn the ignition switch off then on.
- 4) Within 5 seconds, press and release the push-button switch 1 time.
- 5) Turn the ignition switch off then on and start the vehicle. (If optional parking light relay was installed, the lights will flash twice, if the optional horn annunciation circuit was installed, the horn will beep twice)

**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.

##### **OPTIONAL DEVICE OUTPUT ( CHANNEL 3 )**

**Controlled By:**  Option Button,  Both Lock & Unlock Button,  Both Option & Lock Button, or  Both Option and Unlock Button.

This security system is equipped with an output which will activate when the appropriate transmitter button is depressed for 4 seconds. Optional devices that may be connected to this channel are;

- Remote Electric Trunk Release
- Remote Car Starter
- Remote Window Closure
- Remote Garage Door Interface

**NOTE:** In addition there may be a second optional feature connected to your system that when the same transmitter button is pressed and released 2 times within 3 seconds (double pressed), the second optional feature will activate. This output is typically used for a remote start option and will likely prevent inadvertent activation of the remote start device if young children are playing with the hand held transmitter.

If your vehicle is not equipped with an electronic trunk release switch, or other option listed, this feature may have been connected to another accessory. Please ask your dealer for further information.

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

**Controlled By:**  Option Button,  Both Lock & Unlock Button,  Both Option & Lock Button, or  Both Option and Unlock Button.

This security 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 Car Starter
- Remote Window Closure
- Remote Garage Door Interface

To remotely operate the device indicated, momentarily press, or press and hold the appropriate transmitter button(s) as indicated above.

#### **SELECTABLE FEATURE SETTINGS**

- Ignition Controlled Locks
- Ignition Controlled Unlock
- Drivers Door
- All Doors
- Passive Arming
- Passive Door Locks
- Starter Disable
- Valet Override System
- Custom Code Override System

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-7-

**128-6628**  
**7 of 8**

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128-6628



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