

CODE ALARM

**PROFESSIONAL
SERIES**

Owner's Guide

For Models:

ca6154

***Deluxe Vehicle Security and
Remote Start System***


IMPORTANT NOTE: The operation of the Security and Convenience System as described in this manual is applicable to most vehicles. However, due to the configuration of some vehicles, some functions AND/OR SAFETY PRECAUTIONS may not apply. Please see your installing dealer for more information.

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Using Your Remote Control

Arming the Security System




To arm the system, exit the vehicle, close all doors, then press the  button. The parking lights will flash 2 times, indicating the system is armed, has locked the doors (if equipped and connected) and activated the starter disable feature. The LED status indicator will blink steadily, once per second.

NOTE: The system is equipped with a feature called Silent Choice. If enabled, the system requires a second press of the  button to activate an audible arming response from the vehicle.

Passive Arming Bypass



If passive arming is enabled on your system, while the system is disarmed, press  + , the system will respond with 1 chirp and the LED will turn on. The security system will remain in this temporarily bypassed state for as long as you wish. To exit passive bypass, press the  or  button and the system will return to normal status.

Bypassing The Shock Sensor


To arm the system and ignore the shock sensor press  button, then within 5 seconds press  + , the system will respond with 1 long chirp.


NOTE: The system will only change the shock sensor setting for one arm cycle and will be defaulted back to normal operation the next time the system is armed.

Hidden Alarm Function

Press the  button first, within 3 seconds press the  button to activate the hidden alarm function. The security system will arm with "Hidden Alarm Function" in which the siren / horn will be silenced if the system is triggered.



Disarming the Security System

To disarm the system press the  button. The parking lights will flash 1 time, indicating the system is disarmed and has unlocked the doors (if equipped and connected).


NOTE: The system is equipped with a feature called Silent Choice. If enabled, the system requires a second press of the  button to activate an audible disarming response from the vehicle. If your system is set up for 2 step unlock, a third press of unlock will activate the audible response.

*Throughout this manual, 'press' refers to pressing for less than 1 second; 'press and hold' refers to pressing for more than 2 seconds.



Two Stage Door Unlock (Optional)

If this feature is enabled on your system, pressing the  button one time will unlock only the driver's door. Press  again within three seconds to unlock the remaining doors.


Activating the Trunk Release Feature (Optional)

If this feature is enabled on your system, pressing and holding the  button for 3 seconds will open the vehicle's trunk or hatch.





Activating the AUX 1 Output (Optional)

If this feature is enabled on your system, pressing the  and  buttons simultaneously will activate an optional feature. This feature can be programmed for a wide range of functions like power window or sunroof automation, please consult your installing dealer to determine the functionality of your system.

Using the Progressive Car Finder Feature

Press the  button to locate your vehicle. The system will flash the parking lights and sound 5 times at low volume, increasing in volume each time the button is pressed.

Using the Personal Protection Alarm (Panic)

Press and hold the  button for 3 seconds to activate the personal protection alarm. During panic mode, the normal function of the transmitter buttons will be suspended. The transmitter's  and  buttons can be used to lock and unlock the door (if the option is installed). To stop the alarm, press and hold the  button on the transmitter again for 3 seconds. The system will automatically stop after 30 seconds.

Programmed Transmitter Notification

As a security precaution each time the vehicle's ignition is turned on the status LED light will flash the number of transmitters programmed into the system. This helps to identify unauthorized transmitters from accessing your vehicle. If you believe an unauthorized transmitter has been programmed to your system, contact your installing dealer for assistance.

Valet Mode

When valet mode is activated the status LED will light solid, and all security functions will be disabled. To enter or exit valet mode simply follow the 4 steps outlined below:

1. Turn the vehicle's ignition ON.
2. Push and hold the programming/valet button.
3. The LED will turn on solid when valet mode is active
4. Release the programming/valet button.

Eliminating Arm / Disarm Notification Chirps

System ARM/DISARM chirps can be toggled ON or OFF without entering the programming feature banks.

1. Turn the ignition ON then OFF.
2. Press and release the valet/programming button 3 times. The system will respond with 1 chirp for ON or 2 chirps for OFF.

Manually Overriding the Security System



Your system can be disarmed without the use of the transmitter. This is necessary, since you will need the ability to operate your vehicle if the transmitter is lost or its battery fails. To by-pass the alarm system;

1. Open the vehicle door. The alarm will sound.
2. Turn the ignition key to the ON position.
3. Within 10 seconds, press and release the valet push button switch.

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

Car Jack Mode

This feature must be turned on in system programming, please consult your installing dealer.

Triggering Car Jack mode: While the ignition is ON and press and hold  +  for 2 seconds, the parking lights will flash 1 time and the system will act as follows;

1. 50 seconds after being triggered the siren will chirp for 15 seconds, during this 15 seconds you will be alerted to push the valet button to turn off Car Jack mode. If Car Jack mode is not turned off at this time it will advance to the next step.
2. Following the 15 second chirps (total time now 65 seconds) the siren will go into full sound and the parking lights will start flashing.
3. 90 seconds after trigger in, addition to the siren and parking lights, the system will activate the starter kill. THE SYSTEM WILL REMAIN IN THIS STATE UNTIL THE BATTERY IS DEPLETED.



OVERRIDE THE SYSTEM TO TURN OFF CAR JACK MODE: Turn the ignition OFF then On and press the valet button within 10 seconds.

Using Your Remote Starter

Remote Start Ready Mode must be enabled if your vehicle is equipped with a manual transmission.

Remote Start Ready Mode - Manual Transmission Vehicles Only

To activate the remote start function, the system must first be in Remote Start Ready Mode. Follow the steps below to enter remote start ready mode.


1. While the engine is running by the ignition key;
 - a. Set the parking brake
 - b. Place the transmission in neutral.
2. With your foot off the brake pedal, press and release the  button 2 times within 2 seconds. The LED will flash 3 times and the parking lights will turn on to confirm the system has entered quick stop mode.
3. Remove the keys from the ignition, the vehicle will remain running in quick stop mode.
4. Exit the vehicle and close all vehicle doors.
5. Within 1 minute of step 1, press the  button to lock the vehicle's doors. The vehicle will shutdown and sound 2 short chirps then 1 long chirp to confirm ready mode is set.

Canceling Remote Start Ready Mode

The system will exit remote start ready mode if any of the following occur:

- Open any door
- Open the hood or trunk (if connected)
- Press the brake
- Release the parking brake
- Turn the ignition ON

Remote Starting Your Vehicle

To activate the remote vehicle start function, press and release the  button 2 times within 2 seconds. The system will sound, the parking lights will flash 1 time and the system will check the vehicle to ensure it is safe to start. If all safety parameters are correct, the vehicle will start within 5 seconds. The vehicle's parking lights will turn on (or flash depending on system settings) as a visual indication that the vehicle has started and is running.

If your vehicle stalls or does not start, the system will pause 5 seconds, then try 2 more times to start the vehicle (a total of 3 attempts). The system will pause 5 seconds between each start attempt. If the vehicle does not start after the 3rd attempt, the system will abort the remote vehicle start process.

Remote Start Shutdown

Press and hold the  button for 3 seconds to turn the vehicle off.

Entering the Vehicle while it is Running via Remote Vehicle Start


1. Unlock the vehicle's doors.
2. Enter the vehicle. **DO NOT PRESS THE BRAKE PEDAL!**
3. Insert the key into the ignition switch and turn to the ON or RUN position.
4. Press the brake pedal. The remote vehicle starter will disengage and the vehicle will operate normally.

Preheating or Precooling the Vehicle's interior

Before exiting the vehicle, set the temperature controls to the desired setting and operation. After the system starts the vehicle, the heater or air conditioner will activate and heat or cool the vehicle's interior to your setting.

User Programmable Run Time / Run Time Extension



The system has the ability to allow the user to extend the time the vehicle will be running under control of the remote start. This will only extend the run time back to the current run time setting during the current remote start cycle. If your system is set to run 15 minutes and the time remaining is 4 minutes, extending the run time will reset the countdown timer to 15 minutes and your vehicle will continue to run for another 15 minutes. Follow the steps below to extend the vehicle's run time.

1. The remote start must already be active.
2. Press and release the  button 4 times.
3. The system will chirp 1 time and flash the parking lights 4 times to confirm that the run time has been reset.

Using the "Quick-stop" Feature

If you want to make a short stop and keep your vehicle running (to keep the interior warm or cool), the quick-stop feature allows you to do this while keeping your vehicle secure and your keys with you.

To engage quick stop:

1. Stop the vehicle and place the transmission in PARK.
2. With your foot off the brake pedal, press and release the  button 2 times within 2 seconds. The LED will flash 3 times to confirm quick stop is entered.
3. Remove the keys from the ignition and exit the vehicle. Press the  button to lock the vehicle's doors if desired.

Note: Do not leave children or animals unattended in the vehicle when using the quick-stop feature.


Operating the 2 / 3 Hour Start Up Timer Mode

The system has the ability to start the vehicle every 2 or 3 hours for 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. The default setting is 3 hour, Selection between 2 or 3 hour is made in option programming.

WARNING!

Be certain that the vehicle is outdoors before using this or any remote 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 2 / 3 hour start up timer mode:

1. Turn the vehicle's ignition ON then OFF.
2. Press and hold the valet button.
3. Press the  button 4 times, the system will;
 - a. When set for 3 Hour (default) - chirp 2 times and flash the parking lights 4 times.
 - b. When set for 2 Hour - chirp 1 time and flash the parking lights 2 times.
4. Release the valet button.

To exit the 2 / 3 hour start up timer mode:

1. Turn the vehicle's Ignition ON.



OR

1. Activate the remote vehicle start feature using the remote control.

 **Turbo Timer**



This option will keep the engine running to allow the vehicle's turbo to properly cool down before shutting the engine off.


To engage the Turbo Timer feature:

1. With the vehicle running via the ignition key and your foot off of the brake pedal.
2. Engage the vehicle's parking brake and press the  and  buttons simultaneously.
3. The vehicle's parking lights will turn on to verify the Turbo Timer feature has been activated.
4. Turn the ignition key OFF, the vehicle will continue to run until the pre-programmed time has elapsed (1, 3, or 5 minutes)

To disengage the turbo timer feature, press the vehicle's brake pedal.

Operating the Daily Start Timer

The system has the ability to start your vehicle based on a 24-hour countdown timer. This feature requires a two-part activation sequence. From the remote, while in range of the vehicle, pressing both the  &  buttons together will activate the 24 hour countdown timer (the vehicle will start 24 hours from this time). Next, When you are finished operating the vehicle for the day, perform the following steps to complete the process.

1. Turn the ignition ON/OFF (vehicle must be disarmed).
2. Within 10 seconds, while pressing the brake, press and release the  button twice.
3. The vehicle will emit 2 chirps and flash the parking lights 4 times.

Remote Start Safety Features

For safety and security reasons, the system will shutdown or prevent the remote vehicle starter from activating if any of the following occur:

1. The vehicle hood is open.
2. The brake pedal is pressed prior to turning the ignition key to the ON position.
3. The engine is over-revved (tach checking only).
4. Valet mode is active.

LED and Siren/Horn Indications

LED Display Indications

LED	Function
OFF	DISARMED
SLOW FLASH	ARMED
FAST FLASH	PASSIVE ARMING
ON (SOLID)	VALET MODE
2 FLASH... PAUSE	ZONE 2 TRIGGER, HOOD/TRUNK
3 FLASH... PAUSE	ZONE 3 TRIGGER, DOOR
4 FLASH... PAUSE	ZONE 4 TRIGGER, SHOCK
5 FLASH... PAUSE	ZONE 5 TRIGGER, IGNITION

Siren/Horn Indications

Chirps	Function
1	DISARM
2	ARM
3	DOOR AJAR UPON ARMING
4	DISARM / TRIGGERED
5	CAR LOCATOR

Parking Light Flash Indications

Flashes	Function
1	DISARM
2	ARM
3	DISARM / TRIGGERED
5	CAR LOCATOR
ON (SOLID)	REMOTE STARTED

Transmitter Button Functions

1 Way Transmitter	Lock	Unlock	Car Find / Panic	Start	Operation Method
Lock	X				Press and Release
Unlock		X			Press and Release
2 Step Unlock		X			Press and Release 2 times
Trunk		X			Push and Hold (3 Sec)
Car Finder			X		Press and Release
Panic			X		Push and Hold (3 Sec)
Remote Start				X	Press and Release (1 or 2 times depending on selectable option)
Remote Start Shutdown				X	Push and Hold (3 Sec)
Run Time Extension				X	Press and Release 4 times.
AUX 1	X	X			Push and Hold (3 Sec)
Shock Bypass	X		X		Press and Release Lock then Press Lock + Car Find
Hidden Alarm	X		X		Press and Release Car Fnd then Press Lock
Passive Arming Bypass		X	X		Press and Release
Turbo Timer		X		X	Press Unlock + Start
2 / 3 Hour Start				X	Ignition ON/OFF, Press and Hold Valet Button, Press Start 4 times
Daily Start Timer	X			X	Press Lock + Start

Replacing Remote Control Batteries

1 Way 4 Button Remote Control - Model CAT4

The batteries inside each remote control should last approximately 1 year under normal use. When the batteries become weak you will notice the remote control range (the distance from the vehicle the remote control will work) deteriorate and the small LED on the remote control will dim. To replace the remote control batteries:

1. Using a coin, disassemble the halves of the remote control.
2. Remove the old battery, observing the +/- symbols on the batteries and replace with a new battery.
3. Reassemble the halves of the remote control
4. Test operation of the remote control.

Code Systems, Inc. Limited Lifetime Warranty

Code Systems Inc. ("CODE") warrants to the ORIGINAL PURCHASER of this CODE vehicle security product (the "Product"), purchased from an authorized CODE dealer, that (except as provided below) should this Product under normal use and conditions, be proven defective in material or workmanship DURING THE LIFETIME OF THE VEHICLE IN WHICH IT WAS ORIGINALLY INSTALLED, such defect(s) will be repaired or replaced (at CODE's option) without charge for parts directly related to repairs of the defect(s).

Switches, indicator lights, and transmitter cases are similarly warranted to the original purchaser for a period of one (1) year from the date of purchase of the Product.

CODE accessories, sold separately, are covered by the applicable warranty accompanying the accessory.

This warranty is non-transferable, non-assignable and is voided when: (1) the Product is removed from the vehicle in which it was originally installed; or (2) the vehicle in which the Product was originally installed is transferred to another party.

This warranty does not apply to any product damaged by accident, physical or electrical abuse, improper installation, alteration, or use contrary to its intended function, fire, flood, or other natural acts.

In order for the Product to be repaired or replaced under the terms of this warranty, the defective Product must be returned to an authorized CODE dealer and accompanied by a copy of the retail sales receipt. The date of purchase and year, make and model of the vehicle in which the Product was originally installed must be clearly indicated on the sales receipt.

This warranty is exclusive and CODE MAKES NO OTHER WARRANTIES EXPRESSED OR IMPLIED. ANY IMPLIED WARRANTIES, INCLUDING ANY IMPLIED WARRANTY OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE, SHALL BE LIMITED TO THE DURATION OF THIS WRITTEN WARRANTY. IN NO CASE SHALL CODE BE LIABLE FOR ANY CONSEQUENTIAL OR INCIDENTAL DAMAGES FOR BREACH OF THIS OR ANY OTHER WARRANTY, EXPRESS OR IMPLIED, WHATSOEVER.

CODE does not warrant that the Product cannot be compromised or circumvented. THE EXTENT OF CODE'S LIABILITY UNDER THIS WARRANTY IS LIMITED TO THE REPAIR OR REPLACEMENT PROVIDED ABOVE AND, IN NO EVENT SHALL CODE'S LIABILITY EXCEED THE PURCHASE PRICE PAID BY THE ORIGINAL PURCHASER OF THE PRODUCT WITHOUT INSTALLATION LABOR.

Some states do not allow the exclusion or limitation of incidental or consequential damages, so the above limitation may not apply to you. This warranty gives you specific legal rights and you may also have other rights which vary from state to state

Voxx Electronics Corporation.
Customer Service 1-800-421-3209
WWW.CODE-ALARM.COM

FCC COMPLIANCE

This device complies with Part 15 of the FCC rules and with RSS-210 of Industry Canada. Operation is subject to the following two conditions:

1. This device may not cause harmful interference, and
2. This device must accept any interference received, including any interference that may cause undesired operation.

Warning!

Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

PATENTED: www.voxxintl.com/company/patents

Federal Communication Commission Interference Statement

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one of the following measures:

- . Reorient or relocate the receiving antenna.
- . Increase the separation between the equipment and receiver.
- . Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- . Consult the dealer or an experienced radio/TV technician for help.

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- (2) This device must accept any interference received, including interference that may cause undesired operation.