

# CODE ALARM

## **PROFESSIONAL SERIES**

### **Owner's Guide for models: ca5354**

#### ***Deluxe Vehicle Remote Start System with 900Mhz 2 Way Confirming LED Remote Control***



**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

### Using the Keyless Entry



The  button is used to lock the vehicle's doors, the  button is used to unlock the vehicle's doors. To lock or unlock the doors simply press and release the desired function button one time. For your convenience, the parking lights will flash once when the doors are unlocked and twice when the door are locked.

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



### 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)

The  button is used to open the trunk of the vehicle. To open the vehicle's trunk press and hold the  button for 3 seconds.





### Activating AUX 1 (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***

Valet Mode is used to disable the system from remote starting. 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 Lock / Unlock Notification Chirps***

System lock and unlock notification 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.

## 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 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.

**Note:** Do not leave children or animals unattended in the vehicle when using the remote start feature.

**Note:** Manual transmission vehicles - Remote Start Ready Mode must be set.

## **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 - Automatic Transmission Vehicles**



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 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.

### **Temperature Start Mode**

The system has the ability to start the vehicle if the temperature drops below a preset temperature threshold. Once activated, the system will only start the vehicle one time based on the temperature setting and will be cancelled if the vehicle is started with the key or remote started by the transmitter. Temperature is read from the module, located below the dashboard in most instances, and the vehicle's interior temperature may vary from the ambient temperature.

1. The vehicle must be armed.
2. Press and release both the  &  buttons together.
3. The vehicle will emit 1 chirp and flash the parking lights 1 time.

Note: This feature is defaulted OFF and must be set in option programming.

### **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.



## Transmitter Button Functions

1 Way Transmitter	Lock	Unlock	Car Find / Panic	Start	N/A	Operation Method
Lock	X					Press and Release
Unlock		X				Press and Release
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 Shut Down				X		Push and Hold (3 Sec)
Run Time Extention				X		Press and Release 4 times.
Daily Start Timer	X			X		Press Lock + Start
Temperature Start		X		X		Press Unlock + Start While Armed

2 Way Transmitter	Lock	Unlock	Car Find / Panic	Start	N/A	Operation Method
Lock	X					Press and Release
Unlock		X				Press and Release
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 Shut Down				X		Push and Hold (3 Sec)
Run Time Extention				X		Press and Release 4 times.
Daily Start Timer	X			X		Press Lock + Start
Temperature Start		X		X		Press Unlock + Start While Armed

## 2 Way Transmitter Notifications

<b>FUNCTION</b>	<b>BEEPS / LED FLASHES</b>
Lock	2 Beeps / Flashes
Unlock	1 Beep / Flash
Trunk Release	1 Beep / Flash if vehicle is currently locked.
Remote Start Activation	1 Beep / Flash
Confirm Remote Start	4 Beeps / Flashes (repeats 3 times)
Remote Start Running	1 Flash per 3 seconds for duration run time
Remote Start Shutdown	3 Long Beep / Long Flashes (repeats 3 times)
Car Find / Panic	1 Beep / Flash
Low Battery	2 Beeps / Flashes when button is pressed

## **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.

### **2 Way LED Remote Control - Model CATLED**

The battery inside the 2-way LED remote control should last approximately 6 months under normal use. When the battery becomes weak you will notice the remote control range (the distance from the vehicle the remote control will work) deteriorate and give an additional beep/flash upon button presses. 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.



## LIMITED LIFETIME WARRANTY

**Applies to Code Alarm Series Control Modules, Sirens, Sensors, and Relays.**

Voxx Electronics Corporation (the Company) warrants to the original purchaser of this product that should this product or any part thereof, (other than transmitters) under normal use and conditions, be proven defective in material or workmanship during the lifetime of the vehicle, in which it was originally installed from the date of original purchase such defect(s) will be repaired or replaced with new or reconditioned product, (at the Company's option) without charge for parts or repair labor. A transmitter is warranted for 12 months from the date of original purchase.

To obtain repair or replacement within the terms of this Warranty, the product is to be delivered with proof of warranty coverage (e.g. dated bill of sale), specification of defect(s), transportation prepaid, to an approved warranty station. This Warranty is not transferable.

This Warranty does not cover damage to the vehicle's electrical system or costs incurred for removal or reinstallation of the product. This Warranty does not cover batteries, broken LCD or OLED display screens, nor apply to any product or part thereof which, in the opinion of the Company, has suffered or been damaged through alteration, improper installation, mishandling, misuse, abuse, neglect, accident, or by removal or defacement of the factory serial number/bar code label(s).

This Warranty is in lieu of all other express warranties or liabilities. ANY IMPLIED WARRANTIES, INCLUDING ANY IMPLIED WARRANTY OF MERCHANTABILITY, SHALL BE LIMITED TO THE DURATION OF THIS WRITTEN WARRANTY. IN NO CASE SHALL THE COMPANY BE LIABLE FOR ANY CONSEQUENTIAL OR INCIDENTAL DAMAGES FOR BREACH OF THIS OR ANY OTHER WARRANTY. No person or representative is authorized to assume for the Company any liability other than expressed herein in connection with the sale of this product.

The company does not warrant that this product cannot be compromised or circumvented. THE EXTENT OF THE COMPANY'S LIABILITY UNDER THIS WARRANTY IS LIMITED TO THE REPAIR OR REPLACEMENT PROVIDED ABOVE AND, IN NO EVENT, SHALL THE COMPANY'S LIABILITY EXCEED THE PURCHASE PRICE PAID BY PURCHASER FOR THE PRODUCT WITHOUT COST OF INSTALLATION.

Some states do not allow limitations on how long an implied warranty lasts or the exclusion or limitation of incidental or consequential damage so the above limitations or exclusions 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.

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**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](http://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.

***FCC Caution:*** To assure continued compliance, any changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate this equipment. (Example - use only shielded interface cables when connecting to computer or peripheral devices).

### ***FCC Radiation Exposure Statement***

This equipment complies with FCC RF radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with a minimum distance of 0.5 centimeters between the radiator and your body.

This transmitter must not be co-located or operating in conjunction with any other antenna or transmitter.

The antennas used for this transmitter must be installed to provide a separation distance of at least 0.5 cm from all persons and must not be co-located or operating in conjunction with any other antenna or transmitter.

This device complies with Part 15 of the FCC Rules. 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 interference that may cause undesired operation