

CODE//ALARM®

Technology that talks to cars and trucks.™

Remote Vehicle Control System

CA-630™

Owner's Manual

Car Start, Security and Convenience System

IMPORTANT NOTE: The operation of the IV-F65 as described in this manual is applicable to most vehicles. However, due to the engine type and configuration of some vehicles (i.e. diesel engines), some functions AND/OR SAFETY PRECAUTIONS may not apply. Please see your installing dealer for more information.

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Note: Any feature or function noted with "optional" requires additional installation labor, components and installation cost. See your dealer for details.

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■ **Two Easy-to-Use Weather-Resistant Remote Controls**

The remote controls included with the Code Alarm CA-630 utilize durable, moisture resistant cases and sealed rubber buttons for reliability and long life. Rolling code technology prevents the transmitter signals from being duplicated. The button functions are clearly labeled to make the CA-630 simple to operate.

■ **All Entrances Protected**

Opening any door or entrance protected by the security system triggers the vehicle's horn and flashes the vehicle parking lights.

■ **Starter Disable**

The Code Alarm CA-630 protects your vehicle from theft by disabling the starter when the system is armed.

■ **IT-s™ Interior Theft Sensor**

This patented sensor uses infra-red technology to reliably detect vehicle impact associated with attempted intrusion. The IT-s™ sensor guards against vehicle body damage, and theft of the vehicle's equipment (such as airbags) and personal belongings.

■ **Remote Keyless Entry**

The Code Alarm CA-630 conveniently locks and unlocks vehicle doors and opens the trunk or hatch by remote control.*

■ **Personal Protection Features**

Remote Panic Alarm, Illuminated Entry, and Car Finder are among an array of features that enhance personal safety.**

■ **Interior Status Indicator**

The bright-blue warning light is an effective visual deterrent to a would-be thief.

■ **Remote Start**

The Code Alarm CA-630 allows you to warm up your vehicle and preheat or pre-cool the interior with the press of a button on the remote control.

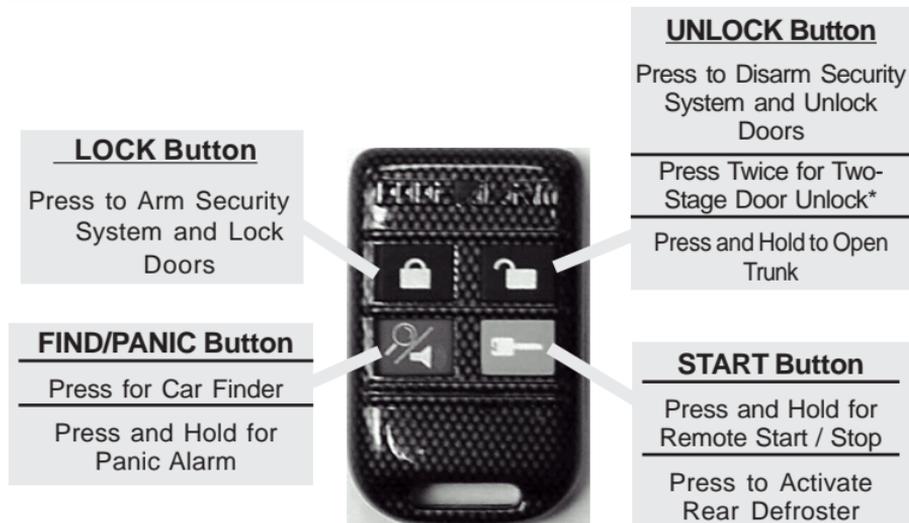
■ **PowerRange™ Antenna**

This long-range antenna allows you to operate the Code Alarm CA-630 from distances of up to $\frac{1}{8}$ mile. Remote-start your vehicle from the safety of your home, apartment or office building.

* If vehicle is equipped with power door locks and they are connected to the alarm system by your installer.

** May require additional connections, components, and/or charges. See your installer for details.

4 Using the Security and Keyless Entry features



Arming the Security System

To arm the system, exit the vehicle, close all doors, then press* the LOCK button. The horn will “chirp” twice[†] and the parking lights will flash twice, indicating the system is armed. The doors will also lock at this time (if equipped and connected). The status indicator (blue warning light on the dash) will blink steadily, once per second.

Pre-arm Mode

If the horn chirps and the parking lights flash only once, this indicates that the vehicle courtesy light is on, or that an entrance is not closed securely. Check to see that doors, hood, and trunk are properly closed. Once all entrances are secured (and the courtesy light is off), the system will chirp / flash again. The system is now fully armed. (If the entrance is not secured within 4 minutes, the system will arm and ignore the unsecured entrance until it is closed.)

Disarming the Security System

To disarm the system, press the UNLOCK button. The horn will chirp and the parking lights will flash once, and the doors will unlock (if equipped and connected). The courtesy light will turn on for 1 minute, or until the vehicle is started.

Two-Stage Door Unlock (optional)

If this feature is enabled on your system, pressing UNLOCK one time will unlock only the driver’s door. Press UNLOCK again within 1 minute to unlock all doors.

* Throughout this manual, ‘press’ refers to pressing or less than 1 second; ‘press and hold’ refers to pressing for more than 1 second.

[†] If you have chosen the Silent Arming Option, the horn will not sound when arming or disarming until the appropriate button is pressed a second time.

Activating Trunk Release Feature

(vehicle must have power trunk/hatch)

Press and hold the UNLOCK button for 2 seconds to open the vehicle trunk or hatch.

Using the Progressive Car Finder Feature

Press the FIND/PANIC button on the remote control to locate your vehicle. The horn will emit five short chirps at low volume, increasing in volume each of three times the button is pressed.

Personal Protection Alarm (Panic)

Press and hold the FIND/PANIC button to activate the vehicle horn and parking lights for 30 seconds. (If the vehicle horn is connected, the horn will “pulse” for 30 seconds.) Press any remote control button to turn off the “Personal Protection Alarm”.

How your IT-s™ Interior Theft Sensor Protects Your Vehicle

Your sensor is designed to respond to impact to critical vehicle surfaces. It is a dual stage sensor. A light, non-damaging impact will cause the vehicle horns to emit a short “chirp”. A harder, damaging impact will cause the vehicle horn to emit a continuous honking sequence.

Disabling the IT-s™ Interior Theft Sensor

It may be necessary at times to disable the IT-s™ Interior Theft Sensor, especially when parking in areas (like parking garages) where extreme vibration may cause false alarms. Press the LOCK button and then press the FIND/PANIC button within two seconds of pressing LOCK to disable the interior theft sensor. The horn will chirp two times to indicate that the sensor is disabled. The sensor will become enabled again the next time the system is armed normally.

Attempted Intrusion Identification

In the event that the security system was triggered in your absence the blue dash mounted LED will be rapidly flashing and upon disarming/unlocking the vehicle the siren/horn will chirp 4 times. To determine which zone triggered the system enter the vehicle and press and release the valet button one time, the siren/horn will chirp as listed below to indicate the triggered zone. NOTE: DO NOT turn on the vehicles ignition, doing so resets the intrusion ID.

SHOCK	1 Chirp
DOOR	2 Chirps
HOOD	3 Chirps
IGNITION	5 Chirps

6 **Using Valet / Service Mode**

You can turn off all remote start and Security functions by engaging the Valet/Service Mode:

- To engage Valet/Service mode, turn the ignition key to the ON position (last position before start) and press the LOCK and UNLOCK buttons on the remote control simultaneously. If installed, the blue status light will blink to indicate Valet mode
- To disengage Valet/Service mode, turn the ignition key to the ON position (last position before start) and press the LOCK and UNLOCK buttons on the remote control simultaneously. If installed, the blue status light will stop blinking to indicate Valet/Service mode has been terminated.

Hint: To prevent your security system from automatically arming while unloading or refueling your vehicle, without placing the system in Valet mode, simply press the disarm button on your remote control transmitter after turning the ignition key off. Doing so places your system into a temporary or one time Valet mode. Next time you exit your vehicle the system will arm in the normal manner.

Using Your Remote Starter

Starting Your Vehicle

The remote start function is activated by pressing and holding the START button for 2 seconds on the remote control. The system will check the vehicle to ensure that it is safe to start, and if all safety parameters are correct, the engine will start within 5 seconds (diesel engines will take longer.) Press and hold START again to turn off the vehicle.

If your vehicle stalls or does not start...

If the vehicle stalls or does not start, the CA-630 will pause 5 seconds, then try 3 more times to start the vehicle (a total of four attempts). The system pauses 5 seconds between each start attempt. If the vehicle does not start after the fourth attempt, the CA-630 will abort the start process.

Your vehicle can be started by remote control whether the alarm is armed or disarmed. When the alarm is armed, the impact sensor turns off when the vehicle is started to prevent the engine vibration from

Remote Start / Stop Feature

Press and hold the START button on the remote control. If all safety parameters are correct, the engine will start within 5 seconds (diesel engines will take longer.) Press and hold START again to turn off the vehicle. (Turn to the following page for more on remote start features).

Entering the Vehicle While It is Running via Remote Start

1. Press the UNLOCK button on the remote control to unlock the vehicle's door(s) and turn off the alarm system (if it is not already off).
2. Enter the vehicle. Do not press the brake pedal.
3. Insert the key into the ignition and turn to the ON position.
4. Press the brake pedal. The remote starter disengages and the vehicle will operate normally.

Remote Start Safety Features

For safety and security reasons, the Code Alarm CA-630™ will not allow the vehicle to start if the following conditions are present:

- The vehicle hood is opened
- The system is in the Valet/Service mode
- The brake is pressed and held

For safety and security reasons, the CA-630 will terminate remote start run time and shut the vehicle off if the following conditions are present:

- The brake is pressed before the vehicle ignition is turned on with the key
- The engine reaches 3 times its normal idle*

As a safety precaution, the vehicle will shut off if left unattended for 12 or 25 minutes, depending on the time preset by your installer.

Pre-Heating or Pre-Cooling the Interior of the Vehicle

Before exiting the vehicle, set the temperature controls to the desired setting and operation. After the CA-630 starts the vehicle, the heater or air-conditioning will activate and heat or cool the interior to your setting.

Using the "Quick-stop" Feature

If you want to make a short stop and leave your vehicle running (to keep the interior warm or cool, for instance), 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 the START button on the remote control, the parking lights will turn on, indicating that the vehicle is now running via remote start.
3. Remove the keys from the ignition and exit the vehicle. Press the LOCK button on the remote control to arm the alarm system if desired.

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

8 **Automatic Convenience Options**

The CA-630 performs a variety of automatic functions to enhance security and comfort. Some of these features are programmable at the time of installation. Please see your installer for further details.

Illuminated Entry

When the alarm system is disarmed, the vehicle courtesy lights will turn on for 1 minute, or until the vehicle is started or the system is re-armed.

Illuminated Exit

When removing the key from the ignition, the vehicle courtesy lights will turn on for 1 minute, or until the CA-630 is armed.

Automatic Arming

The CA-630 will arm automatically 1 minute after the key is removed from the ignition. This feature can be temporarily disabled by placing the system into Valet/Service mode.

Ignition Lock

If all doors are closed and the vehicle is started with the key, the doors will automatically lock.

Ignition Unlock

When removing the key from the ignition, the doors will automatically unlock.

When Your Security System is Triggered

The CA-630 will trigger if one of the following events occurs while the system is armed:

- Any protected entrance is opened
- The vehicle ignition is turned on
- The vehicle is jolted hard enough to signal the impact detector

Once the alarm is triggered, the horn (or horn) sounds and the vehicle parking lights flash for 30 seconds. The system will then re-arm, awaiting the next intrusion attempt. To stop the horn while keeping the alarm armed and doors locked, press the ARM button while the system is triggered.

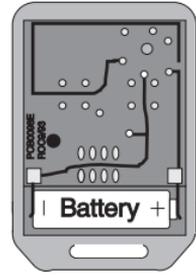
The Interior Status Indicator

The Status Indicator is a high-intensity blue light mounted in a visible location on the vehicle dashboard. This light gives a visual indication of the alarm system's state of operation. Note the chart below:

If the Status Indicator is...then the Security System
Off	is disarmed
Flashing Slowly	is armed
Flashing Very Quickly	was triggered in your absence (see Attempted Intrusion ID - page 5)
Flashing Intermittently (2 flashes, off, 2 flashes)	is in Valet mode
On (not flashing)	is in Pre-arm mode

Changing the Remote Control Battery

The 12-volt alkaline battery supplied in your remote transmitter should last approximately one year, depending on usage. When the battery begins to weaken, you will notice a decrease in range, or the distance from your vehicle that your remote transmitter will operate. Follow the instructions below to change the remote transmitter battery.



Open Back of Remote Transmitter

1. Using a coin pry off the back of the transmitter (the transmitter snaps together) and expose the battery.
2. Remove the old battery and replace with GP-23A or equivalent. Be sure to observe the (+) and (-) signs in the battery compartment.
3. Replace the case backing, then test the remote transmitter. **It is not necessary to re-program the remote transmitter after changing the battery.**

Adding Remote Controls to Your System

The CA-630 has the ability to operate from up to eight (8) remote controls. Follow these instructions to add a remote control to your system.

1. Make sure the system is disarmed and the ignition is off.
2. Open the driver's door.
3. Turn vehicle ignition on.
4. Press and hold emergency override button.
After 15 seconds, the horn will sound three (3) times. This indicates that the unit has entered the remote control programming mode.
5. Release the button.
6. Press the LOCK button (button 1) on the remote control to be programmed.
The horn will sound once, indicating that the system has "learned" that remote control.
7. Repeat step 6 for any additional remote controls.
8. Turn the vehicle ignition off to exit the programming mode. Test all remote controls to ensure that they work properly.

Deleting Lost or Stolen Remote Controls from Your System

If one of your remote controls is lost or stolen, follow these instructions IMMEDIATELY to remove the control code from your system.

1. Have all remaining remote controls available.
2. Enter the control programming mode by following steps 1 - 5 of **Adding Remote Controls to Your System** (page 8).
- 3a. **If you have only one remaining remote control**, press the LOCK button on that remote control **eight (8) times**, pausing at least 1 second between each press. Make sure that the horn chirps each time you press the LOCK button.
- 3b. **If you have two remaining remote controls**, press the LOCK button on each remote control **four (4) times**, pausing at least 1 second in between each press. Make sure that the horn chirps each time you press the LOCK button.
- 3c. **If you have three remaining remote controls**, press the LOCK button on the two remote controls **three (3) times**, then press the LOCK button on the remaining remote control **twice**. Pause at least 1 seconds in between each press. Make sure that the horn chirps each time you press the LOCK button.
4. Turn the vehicle ignition off to exit the programming mode. When you are finished, the lost or stolen remote control will no longer operate your system.

Basic Troubleshooting

This section outlines some of the basic issues you may experience while becoming used to the IV-F65. If you have a problem that is not covered by this section, please consult your

Symptom	Problem	Solution
Remote control does not work	Weak or dead battery	Change battery
	Remote control not programmed	Program remote control (page 9)
System will not arm	Door or other entrance is open	Close entrance
	Courtesy light is on	Turn courtesy light off
	System is in Valet mode	Turn off Valet mode (page 6)
System will not start	Hood is open	Close hood
	Brake is pressed	Release brake

If your remote control is lost or fails to function, use this procedure to disarm the CA-630 and start your vehicle.

1. Use the keys to enter the vehicle.
The alarm will sound once the door is opened.
2. Insert the key into the ignition and turn to the ON position.
3. Locate and press the emergency override button.
The alarm will turn off and then you will be able to start your vehicle.

Your Emergency Disarm Button is located:

Installer Programmed Options

Ignition On Door Lock	ON	OFF
Ignition Off Door Unlock	ON	OFF
Illuminated Entry/Exit	ON	OFF
Horn/Horn Chirps	ON	OFF
Passive Arming	ON	OFF
Passive Door Locks	ON	OFF
Car start Run Time	12 min.	25 min.
Car Start Button	Single button	2-button start

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.

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

The Theft Protection Program is designed to provide the retail purchaser of a security system provided by CODE-ALARM, INC. ("CODE") an additional benefit, at no additional cost to the purchaser, should their vehicle be stolen while protected by a CODE-ALARM security system. While CODE has created this program as a way of showing appreciation to its customers, CODE RESERVES THE RIGHT TO UNILATERALLY CHANGE, ALTER, MODIFY, OR DISCONTINUE ALL OR PART OF THIS THEFT PROTECTION PROGRAM WITHOUT PRIOR NOTICE. THIS THEFT PROTECTION PROGRAM IS NOT AN INSURANCE POLICY AND SHOULD NOT REPLACE AN AUTOMOBILE OR HOMEOWNERS INSURANCE POLICY. THIS THEFT PROTECTION PROGRAM DOES NOT COVER LOSSES ARISING FROM THE THEFT OF ITEMS WITHIN THE AUTOMOBILE OR ANY DAMAGES ARISING FROM, RELATED TO, AND/OR INCIDENTAL OR A CONSEQUENCE OF A VEHICLE THEFT EXCEPT AS SPECIFICALLY DELINEATED BELOW.

Plan duration: 3 Years from the date of installation.

Plan amount: Maximum allowable value equal to insurance deductible or up to \$2,500 whichever is less.

Conditions of the Theft Protection Program:

1. The Theft Protection Program is non-transferable and non-assignable.
2. The system must be installed by an authorized CODE dealer.
3. Vehicle must be less than three (3) model years old at the time of installation.
4. The security system must have been fully armed at the time of the vehicle theft.
5. The vehicle in which the system is installed must be insured for theft by a licensed insurance underwriter in the state in which the vehicle is registered.

Terms of payment:

1. The vehicle must first be considered a total loss due to theft by your insurance company.
2. Your insurance company has settled all claims arising from this theft and there are no other pending legal actions as a result of this theft.

How to file a request for payment:

If the above conditions are met, make your request for payment by submitting the following to CODE. The request for payment must be received by CODE no later than sixty (60) days after the vehicle is reported stolen.

1. Copy of the retail sales receipt for the purchase of the security system, clearing showing the model of system purchased and the year, make and model of the vehicle in which the system was installed.
2. A copy of the police report for the stolen vehicle.
3. A copy of the paid insurance claim and reimbursement check from the insurance company.

***The Theft Protection program is not available in all states please contact dealer for more information.**

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