

CODE ALARM

**PROFESSIONAL
SERIES**

Owner's Guide

For Models:

CA 6551

CA 6551 SST

***Deluxe Vehicle Security and
Remote Start System with 2 Way
Confirming LCD 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.


Table of Contents

Using Your Remote Control	3
Arming the Security System	3
Passive Arming Bypass	3
Bypassing the Shock Sensor	3
Hidden Alarm Function	3
Disarming the Security System	3
Two Stage Door Unlock (optional)	4
Activating Trunk Release (optional)	4
Activating Optional AUX 1 (optional)	4
Using the Progressive Car Finder Feature	4
Using the Personal Protection Alarm	4
Programmed Transmitter Notification	4
Valet Mode	5
Eliminating Arm / Disarm Notification Chirps	5
Manually Overriding the Security System	5
Car Jack Mode	6
Using Your Remote Vehicle Starter	6
Remote Starting Your Vehicle	6
Remote Start Shutdown	6
Entering Your Vehicle while it is Running via Remote Start	7
Preheating or Precooling the Vehicle's Interior	7
User Programmable Run Time / Run Time Extension	7
Using the "Quick-Stop" Feature	7
Operating the 2 / 3 Hour Start Up Timer Mode	8
Turbo Timer Mode (optional)	8
Operating the Daily Start Timer	9
Remote Start Safety Features	9
LED and Siren/Horn Indications	10
Additional 2-Way LCD Remote Control Functions	11
LCD Remote Control ICON's	13
Transmitter Button Functions	14
Replacing Remote Control Batteries	16
Warranty Information	17





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 defaulted with Silent Choice enabled, which 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 temporally 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 defaulted with Silent Choice enabled, which requires a second press of the  button to activate an audible arming response from the vehicle. If your system is set up for 2 step unlock, a third press of  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 Optional 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 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 turn on the status LED light with 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 Vehicle Starter

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 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, 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.

■ **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

Additional 2-Way LCD Remote Control Functions

Check Vehicle Status

Press and release **F** 2 times then press **G** within 3 seconds, the transmitter will respond with one melody sound and display the current status of the vehicle.

Display Illumination

Press and hold the **F** button for 1 second. The display will illuminate for 5 seconds.

Melody / Vibration Mode

To have the remote control vibrate, play a melody tone or both each time it receives a response from the vehicle press and release **F** then press and hold **G** for 2 seconds.

Button Beeps

To toggle button beeps on or off press and release **F** then press and hold **H** for 2 seconds.

Battery Save Mode

While in POWER SAVE MODE the 2-way LCD transmitter will NOT look for any incoming signals from the main unit until a button is pressed. The LCD screen will display SAVE to indicate that power save mode is ON. To enter power save mode press and hold **F** for 5 seconds.



Clear Flashing Icons and Melody Sound

Press the **F** button 3 times within 3 seconds. This will clear the melody sound and flashing icons on the LCD screen.



Stopping LCD Trigger Melody

To stop the alarm trigger melody if the system has been triggered WITHOUT disarming the system, press any button one time only, this will not send a command to the vehicle at this time and the alarm will continue to sound.





Button Lock

Press and release  then press hold the  for 2 seconds to toggle the button lock on or off. When the button lock is active, the remote control will beep/vibrate 2 times when a button is pressed indicating it is locked.

Illumination




Press and release  2 times then press and hold  for 2 seconds to toggle illumination on or off. When on, the display will illuminate when it receives or sends a command.

2 Car Mode




To control a second security system enter 2 car mode by pressing  then press  and  together for 3 seconds. When the  icon appears on the transmitter's LCD screen it will control the second security system. Use the same method to exit 2 car mode and resume control of the original vehicle's security system.

















NOTE: A second security system must be installed and the LCD transmitter must be learned to it before this feature will operate the additional system.

Parking Meter Countdown

The parking meter countdown timer has 6 preset times, to access the preset times and begin countdown press and release  then press and hold  for 2 seconds, each additional press of  will increase the countdown time.

Adjusting the Clock and Timer Settings

The clock, alarm clock and programmable countdown timer are accessed through the Function Menu. Press and hold  for 3 seconds to access the function menu, once you have accessed the feature menu press and release  to scroll through each feature and follow the steps below to adjust the settings for each. Press and hold  for 2 seconds to exit the menu.

Clock Hour	Press  to increase or  to decrease
Clock Minute	Press  to increase or  to decrease
Alarm Clock Hour	Press  to increase or  to decrease
Alarm Clock Minute	Press  to increase or  to decrease
Alarm Clock ON / OFF	Press  to turn ON or  to turn OFF
Countdown Timer Hour	Press  to increase or  to decrease
Countdown Timer Minute	Press  to increase or  to decrease
Countdown Timer ON / OFF	Press  to turn ON or  to turn OFF

LCD Remote Control ICON's



LOCK



UNLOCK

ARM

SYSTEM ARMED



VALET MODE



TRANSMITTING



IGNITION ON/TRIGGER



TRUNK TRIGGER



DOOR TRIGGER



HOOD TRIGGER



FULL SHOCK TRIGGER



SYSTEM TRIGGER



TIME COUNT DOWN



BATTERY INDICATOR

SAVE

BATTERY SAVE MODE



VIBRATE/SILENT MODE



MELODY MODE



2 CAR MODE



TIME DISPLAY



ALARM CLOCK



ENGINE RUNNING



TIMER START MODES



AUX 1 OUTPUT

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

2 Way Transmitter	Lock	Unlock	Car Find / Panic	Start	Function	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 Extention				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
Menu					X	Press and Hold

Replacing Remote Control Batteries

1 Way 4 Button Remote Control - CA6551 / CA6551SST

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. Remove 3 screws and disassemble the halves of the remote control.
2. Remove the old batteries, observing the +/- symbols on the batteries and replace with new batteries.
3. Reassemble the halves of the remote control and install the 3 screws.
4. Test operation of the remote control.

NOTE: The CA6551 uses 2 CR2016 batteries and the CA6551SST uses 1 CR2032.

2 Way LCD Remote Control - CA6551

The CR2450 battery inside the 2-way LCD remote control should last approximately 6 months 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 BATTERY icon on the LCD remote control will show.

1. Gently slide the battery cover off of the remote control.
2. Remove the old CR2450 battery, observing the +/- symbols on the battery, and replace with a new CR2450 battery.
3. Gently slide the battery cover on to the back of the remote control.
4. Test operation of the remote control.

2 Way LCD Remote Control - CA6551SST

The battery inside the 2 way LCD remote control is rechargeable, use the supplied battery charger to charge the battery until the battery icon on the LCD screen shows 3 bars indicating charging is complete. It is recommended that the battery be fully charged before normal use.

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

Audiovox 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.