CODE ALARM

PROFESSIONAL SERIES

2 Way Security and Keyless Entry Installation Guide

ca 1553

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BEFORE YOU BEGIN

PROFESSIONAL INSTALLATION
STRONGLY RECOMMENDED

Installation Precautions:

Roll down window to avoid locking keys in vehicle during installation

Avoid mounting components or routing wires near hot surfaces

Avoid mounting components or routing wires near moving parts

Tape or loom wires under hood for protection and appearance

Use grommets when routing wires through metal surfaces

Use a Digital Multi Meter for testing and verifying circuits. DO NOT USE A TEST LIGHT, OR "COMPUTER SAFE PROBE" as these can set off air bags or damage vehicle computers.

Technical Support (800) 421-3209
or go to
http://techservices.codesystems.com

5 Pin Main Harness

5 PIN MAIN	1	WHITE/RED	PARKING LIGHT INPUT
	2	WHITE	PARKING LIGHT OUTPUT
	3	BLACK	GROUND
	4	BROWN	SIREN OUTPUT (+)
	5	RED	BATTERY 12V (+)

9 Pin Input / Output Harness

9 PIN INPUT / OUTPUT	1	BLUE/WHITE	INSTANT TRIGGER INPUT (-)
	2	GREEN	DOOR TRIGGER INPUT (-)
	3	ORANGE	GROUND WHEN ARMED OUTPUT (-)
	4	PURPLE	DOOR TRIGGER INPUT (+)
	5	YELLOW	IGNITION INPUT (+)
	6	RED/WHITE	TRUNK RELEASE OUTPUT (-)
	7	BROWN/BLACK	HORN OUTPUT (-)
	8	VIOLET/BLACK	AUX 1 (-)
	9	LT GREEN/BLACK	FACTORY DISARM OUTPUT (-)

4 Pin AUX Output Harness

4 PIN AUX OUTPUT	1	PINK/BLACK	AUX 5 OUTPUT (-)
	2	ORANGE/BLACK	AUX 4 OUTPUT (-)
	3	GRAY/BLACK	AUX 3 OUTPUT (-)
	4	WHITE/BLACK	AUX 2 OUTPUT (-)

3 Pin Lock Output Harness

2 PIN LOCK	1	BLUE	UNLOCK (-)
	2	OPEN	
	3	GREEN	LOCK (-)

5 Pin Main Harness

1	WHITE/RED	PARKING LIGHT INPUT

2	WHITE	PARKING LIGHT OUTPUT

Locate the parking light output wire at the vehicle's light switch.

Verification: This wire registers positive voltage when the parking lights are turned on.

Positive switching Parking Lights:

Connect the WHITE/RED wire to a 15 Amp max fused battery source.

Connect the WHITE wire to the parking light output wire.

Negative switching Parking Lights:

Connect the WHITE/RED wire to a good chassis ground.

Connect the WHITE wire to the parking light output wire.

3	BLACK	GROUND

Connect the BLACK wire to a solid chassis ground point using a ring terminal and self tapping screw (not supplied). Scrape away paint from the grounding point to ensure a good connection. The recommended grounding point is a metal surface in the driver's side kick panel area.

NOTE: Do not ground the BLACK wire with any other vehicle components.

4	BROWN	SIREN OUTPUT (+)

Locate a suitable mounting location in the engine compartment for the siren, away from moving parts.

With the bell of the siren aiming downwards, secure the siren in place using self tapping screws, being careful not do drill into any hoses, wiring or components.

Connect the BLACK siren wire to a chassis ground using a ring terminal and self tapping screw (not supplied).

Route the BROWN siren output wire from the control module through the firewall and connect to the RED wire on the siren.

NOTE: Be sure to loom the siren wires, and seal the grommet.

5	RED	BATTERY 12V (+)

Locate 1 of the vehicle's constant 12 Volt battery wires at the ignition switch.

Verification: This wire will register (+) voltage in all positions of the ignition switch.

Connect the RED wire to the constant 12 Volt battery wire.

NOTE: Remove all fuses until all connections are made.

9 Pin Input / Output Harness

1	BLUE/WHITE	INSTANT TRIGGER INPUT (-)

This wire is a GROUND input for an external sensor or secondary pin switch.

Verification: This wire when connected will trigger the security system.

2	GREEN	DOOR TRIGGER INPUT (-)

Locate the vehicle's dome light or door pin switch wire.

Verification: This wire will register ground (NEG) when the door is opened and the interior light is on. This wire will register positive voltage when the door is closed and the interior light is off.

Connect the GREEN wire to the vehicle's negative door input wire(s).

NOTE: Certain vehicles may require multiple connections. Refer to vehicle application guide

3	ORANGE	GROUND WHEN ARMED OUTPUT (-)

This wire will have a continuous (-) 200mA output when the system is Armed. This wire is typically used for controlling window modules or additional sensors.

This output is configurable in option programming.

4	PURPLE	DOOR TRIGGER INPUT (+)

Locate the vehicle's dome light or door pin switch wire.

Verification: This wire will register positive voltage (POS) when the door is opened and the interior light is on. This wire will register ground or "0" Volts when the door is closed and the interior light is off.

Connect the PURPLE wire to the vehicle's positive door input wire(s).

NOTE: Certain vehicles may require multiple connections. Refer to vehicle application guide

5	YELLOW	IGNITION INPUT (+)

Locate the vehicle's ignition wire at the ignition switch.

Verification: This wire registers voltage when the key is turned to the ON (or RUN) position. The voltage does not drop out when the key is turned to the START (or CRANK) position.

Connect the YELLOW wire to the vehicle's Ignition wire.

6	RED/WHITE	TRUNK RELEASE OUTPUT (-)

Locate the vehicle's trunk release wire at the trunk release switch.

Verification: This wire will register either positive voltage or ground when the trunk release is activated.

This is a low current output, 200mA.

7	BROWN/BLACK	HORN OUTPUT (-)

Locate the vehicle's horn wire.

Verification: This wire will register at positive voltage and register ground when the horn switch is pressed.

Connect the BROWN/BLACK wire to the vehicle's horn wire. This is a low current output, 200mA.

8	VIOLET/BLACK	AUX 1

This wire provides a (-) 200mA output capable of driving relays. For Control of optional accessories (i.e. Power Window/Sunroof, etc.).

To activate refer to the transmitter button configuration chart. Please refer to the selectable options for timing.

9	LT GREEN/BLACK	FACTORY DISARM OUTPUT (-)

This wire will supply a (-) 200mA pulse upon disarming the system. Locate the factory perimeter alarm disarm wire from the key cylinder inside the drivers door.

Verification: This wire registers ground if the key is turned to the unlock position in the driver's door cylinder.

Connect the LT GREEN/BLACK wire to the factory alarm disarm wire.

4 Pin AUX Output Harness

1	PINK/BLACK	AUX 5

This wire provides a (-) 200mA output capable of driving relays. For Control of optional accessories (i.e. Power Window/Sunroof, etc.).

To activate refer to the transmitter button configuration chart. Please refer to the selectable options for timing.

2	ORANGE/BLACK	AUX 4

This wire provides a (-) 200mA output capable of driving relays. For Control of optional accessories (i.e. Power Window/Sunroof, etc.).

To activate refer to the transmitter button configuration chart. Please refer to the selectable options for timing.

3	GRAY/BLACK	AUX 3

This wire provides a (-) 200mA output capable of driving relays. For Control of optional accessories (i.e. Power Window/Sunroof, etc.).

To activate refer to the transmitter button configuration chart. Please refer to the selectable options for timing.

4	WHITE/BLACK	AUX 2

This wire provides a (-) 200mA output capable of driving relays. For Control of optional accessories (i.e. Power Window/Sunroof, etc.).

To activate refer to the transmitter button configuration chart. Please refer to the selectable options for timing.

3 Pin Lock Output Harness

1	BLUE	UNLOCK (-)

3	GREEN	LOCK (-)

The door lock / unlock outputs are designed to control several different types of systems which may require additional parts. Please review the wire and location chart to see which type of door lock system is in your vehicle. The most common types are shown in the following diagrams.

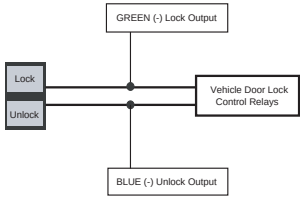
Negative Switching Locks

All Door Lock and Unlock: Locate the lock / unlock wire at the vehicle's lock / unlock switch.

Verification: These wires will register ground when the Lock and Unlock switches are activated.

Connect the GREEN and BLUE wires shown in the diagram below.

Negative Locks:



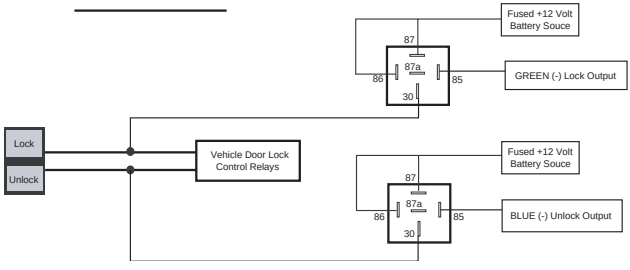
Positive Switching Locks

All Door Lock and Unlock: Locate the lock / unlock wire at the vehicle's lock / unlock switch.

Verification: These wires will register positive voltage when the Lock and Unlock switches are activated.

Connect the GREEN and BLUE wires shown in the diagram below.

Positive Locks:



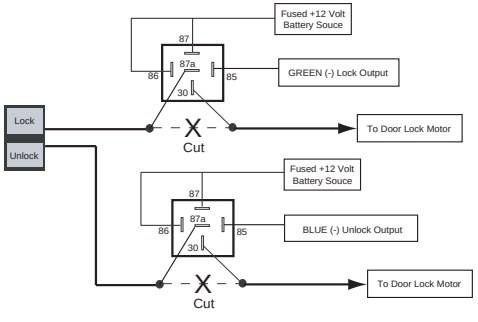
Reverse Polarity Locks (5-Wire Door locks)

All Door Lock and Unlock: Locate the lock / unlock wire at the vehicle's lock / unlock switch.

Verification: These wires will rest at ground and register positive voltage when the Lock and Unlock switches are activated.

Connect the GREEN and BLUE or BLUE/GREEN wires shown in the diagram below using (2) SPDT relays (not supplied).

Reverse Polarity Locks:



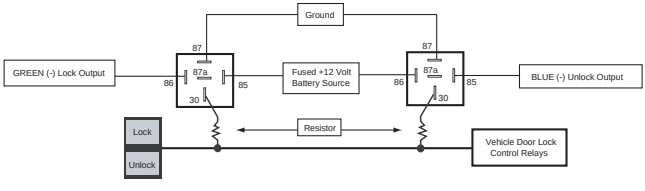
Negative Multiplexed Locks

All Door Lock and Unlock: Locate the lock / unlock wire at the vehicle's lock / unlock switch.

Verification: This wire will show variable ground when the switch is activated. Please consult the wire and location chart for specific resistor values for your vehicle.

Connect the GREEN and BLUE or BLUE/GREEN wires shown in the diagram below using (2) SPDT relays (not supplied).

Multiplex Locks:



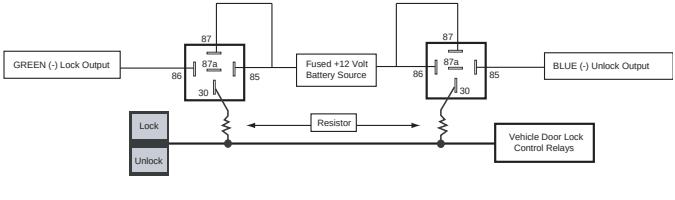
Positive Multiplexed Locks

All Door Lock and Unlock: Locate the lock / unlock wire at the vehicle's lock / unlock switch.

Verification: This wire will show variable positive voltage when the switch is activated. Please consult the wire and location chart for specific resistor values for your vehicle.

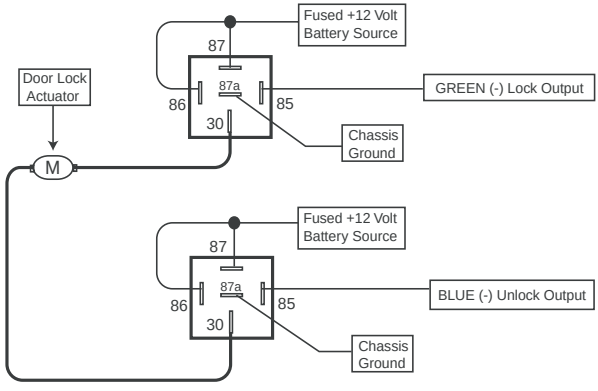
Connect the GREEN and BLUE or BLUE/GREEN wires shown in the diagram below using (2) SPDT relays (not supplied).

Multiplex Locks:



Adding Aftermarket Actuators

After installing aftermarket actuators, (not supplied). Connect the GREEN and BLUE wires shown in the diagram below using (2) SPDT relays (not supplied).



Additional Ports

Antenna / LED / Programming Port

Mount the supplied antenna/receiver to a clear spot on the vehicle's windshield that will not block the driver's vision. A good location is usually high on the windshield near the rear view mirror. Be careful not to mount the antenna/receiver on any metallic window film, as this will effect system range. Route the antenna/receiver cable to the control module and plug into the antenna port.

Data Bus Interface Port

This 4 pin port is used for Flashlogic Door Lock and Transponder Databus Interfaces to communicate with the vehicle's Databus. When using the DBI port to control the Flashlogic Door Lock and Transponder Interface modules the following options may be available. Please refer to the D2D (Data to Data) function list available per vehicle on the tech service web site.

Door Trigger

Trunk/Hatch Open — Door Lock Control

Dome Light Supervision — Factory Alarm Arm / Disarm

Manual Arm / Disarm Inputs (factory keyless controls system)

Transmitter Programming - Feature Bank 1

1. Turn the ignition ON.
2. Press and hold the valet/override button.
3. Within 10 seconds the system will chirp (3) three times.
4. Press 1 button of each transmitter you wish to program.
5. The system will respond with 1 chirp for each accepted transmitter.
6. Pressing the override button at anytime during programming will advance to the next bank.

NOTE: The system will exit transmitter programming after 15 seconds of inactivity.

NOTE: This system has 1 button programming which programs all channels of the system.

NOTE: The system will hold up to 4 transmitters in memory, programming a 5th transmitter will erase the oldest transmitter in memory.

NOTE: This system has PTN - Programmed Transmitter Notification. Each time the ignition is turned ON, the LED will flash the number of transmitters programmed to the system.

Transmitter programming for 2 Car Mode *2 way transmitter only:

1. Enter the transmitter into 2 Car Mode. (Refer to transmitter operation in the owners manual for 2 car operation)
2. Follow the steps above for transmitter programming.

NOTE: 2 car mode requires an additional security system installed in a second vehicle.

Manual Feature Programming - Feature Bank 2 & 3

1. Turn the ignition ON.
2. Press and hold the valet/override button.
3. Within 10 seconds the system will chirp (3) three times.
4. Use the valet/override button to advance through each option bank. For feature programming advance to Feature Bank 2 or 3, which is (4) four and (5) five chirps.
5. Use the transmitter button to scroll through the selections in each feature bank, the system will chirp to match the feature number.
6. Press the transmitter button to change the desired feature. The LED will flash indicating the changed feature.

Defaulting All Features: Pressing the button anytime while in any of the feature banks will default all features and return you to feature bank 2 - 4 chirps.

NOTE: The system will remain in feature programming mode as long as the ignition is on, there is no time limit. To exit programming turn the IGNITION OFF.

Feature Bank 1 - *3 Chirps*
Transmitter Programming

Refer to transmitter programming.

	Feature Bank 2 - *4 Chirps* Security Control	**1 LED Flash**	**2 LED Flash**	**3 LED Flash**	**4 LED Flash**	**5 LED Flash**
1	Silent Choice	ON	**OFF**			
2	Passive Locks	**Active**	Passive			
3	Passive Arming	**Active**	Passive			
4	Siren / Horn ARM/DISARM Chirps	**Siren /Horn**	Siren	Horn		
5	Siren Duration	**30 Seconds**	60 Seconds			
6	Security	**ON**	OFF			
7	Anti-Hijack Mode	**OFF**	ON			
8	Orange - Ground w/ Armed Output	**Ground While Armed**	Ground While Disarmed			
9	DBI Port Protocol	**DBI Protocol**	ADS Protocol			
10	Arm/Disarm Chirp / Parking Light Pattern	**Standard:** **2 - Arm** **1 - Disarm**	Inverted: 1 - Arm 2 - Disarm			

	Feature Bank 3 - *5 Chirps* Output Control	1 LED Flash	2 LED Flash	3 LED Flash	4 LED Flash	5 LED Flash
1	Extended Lock Pulse	**1 Second**	3.5 Seconds	1 Second Lock , Double Pulse Unlock	30 Second Lock, Double Pulse Unlock	Double Pulse Lock, 1 Second Unlock
2	Factory Disarm	**Factory Disarm**	2nd Unlock			
3	Ignition Controlled Locks	**OFF**	Lock and Unlock	Lock Only	Unlock Only	
4	Trunk Output Timing Red / White Output	**Press and Hold**	10 Seconds	20 Seconds	Latched until IGN ON	Latched ON until Button Press
5	Horn Output Timing	**16mS**	10mS	30mS	40mS	50mS
6	Real Panic	**ON**	OFF			
7	AUX 1 Violet / Black Output	**Push and Hold**	Latched	Latched until IGN ON	Dome Light Output	
8	AUX 2 White / Black Output	**Push and Hold**	Latched	Latched until IGN ON	10 Second Pulse with Arm	10 Second Pulse with Disarm
9	AUX 3 Gray / Black Output	**Push and Hold**	Latched	Latched until IGN ON	10 Second Pulse with Arm	10 Second Pulse with Disarm
10	AUX 4 Orange / Black Output	**Push and Hold**	Latched	Latched until IGN ON	10 Second Pulse with Arm	10 Second Pulse with Disarm
11	AUX 5 Pink / Black Output	**Push and Hold**	Latched	Latched until IGN ON	10 Second Pulse with Arm	10 Second Pulse with Disarm

Adjusting the Shock Sensor

1. Increase sensitivity by turning the adjustment dial clockwise.
2. Decrease sensitivity by turning the adjustment dial counter clockwise.

Testing the Shock Sensor

Arm the system and wait 6 seconds for the zone to stabilize, then firmly strike the vehicles bumper.

Chirp Delete - User Accessible

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.

Dome Light Delay / Theater Dimming

The system can be programed to delay arming after the lock button is pressed (60 second max) for vehicles with a dome light delay or theater dimming feature. Once programed the system will 'learn' the timing of the dome light delay and add 2 seconds before arming.

1. Close all doors with ignition off.
2. Using the transmitter press LOCK, UNLOCK, LOCK ,UNLOCK, LOCK , UNLOCK, LOCK. The LED will light solid to indicate the system has entered DOME DELAY LEARN MODE.
3. Immediately OPEN then CLOSE the door WITHOUT disarming the system. The system will then monitor the door trigger wire. Once the dome light turns off, the system will then add 2 seconds and then exit the learning mode.
4. The LED will begin to flash indicating the system has exited the learning mode and is now armed.

Feature Descriptions

Feature Bank 2 - Security

1 - Silent Choice: Controls the normal arm/disarm chirps of the security system.

ON - Silent arming/disarming upon first press of lock/unlock, pressing lock/unlock a second time will activate the arm/disarm chirps respectively. The system will only sound the arm/disarm chirps upon a second press of the lock/unlock buttons.

OFF - normal arm/disarm chirps upon the first press of lock/unlock.

2 - Passive Locks: Determines manual or automatic locking of the vehicle's doors.

Active - Requires use of the transmitter to lock the vehicle's doors.

Passive - Automatically locks the vehicle's doors 1 minute after the last door is closed

3 - Passive Arming: Determines manual or automatic locking of the vehicle's doors.

Active - Requires use of the transmitter to arm the security system.

Passive - Automatically arms the security system 1 minute after the last door is closed

4 - Siren / Horn: This feature selects which output(s) will sound the system's arm/disarm chirps. This feature does not effect the triggered state of the security system and during a triggered cycle, both the siren and horn outputs will activate respectively.

5 - Siren Duration: Determines the length of time the system will sound the siren/horn during a full trigger event.

6 - Security: Controls security functionality - ON / OFF.

ON - Full security functionality.

OFF - The security system does not trigger. Panic and all other convenience features operate as normal.

7- Anti-Hijack Mode: Controls car jack mode - ON / OFF.

OFF - Standard security system operation.

ON - Enables Car Jack mode functionality as described in the owners manual

8 - Ground While Armed / Orange Output: Controls the output of the orange wire. This wire will either supply a (-) output when armed OR disarmed.

9 - DBI Port Protocol: Determines the protocol type in which the DBI port uses to interface with external modules.

DBI Protocol

ADS Protocol

10 - Arm/Disarm Chirp / Parking Light Pattern: Determines the number of chirps and parking light flashes when the system is armed/disarmed.

Standard - 2 chirps/light flashes with arm, 1 chirp/light flash with disarm.

Inverted - 1 chirp/light flash with arm, 2 chirps/light flashes with disarm.

Feature Bank 3 - Output Control

1 - Extended Lock Pulse: Controls the timing of the BLUE and GREEN lock output wires.

1 Second - Single 1 second lock pulse, single 1 second unlock pulse.

3.5 Seconds - Single 3.5 second lock pulse, single 3.5 second unlock pulse.

1 Second Lock, Double Pulse Unlock - Single 1 second lock pulse, double 1 second unlock pulse.

30 Second Lock, Double Pulse Unlock - Single 30 second lock pulse, double 1 second unlock pulse.

Double Pulse Lock, 1 Second Unlock - Double 1 second lock pulse, single 1 second unlock pulse.

2 - Factory Disarm: Controls the timing of the LT. GREEN/BLACK factory disarm output.

Factory Disarm - Single 1 second pulse with unlock.

2nd Unlock - Same output as unlock with 2nd press of unlock.

3 - Ignition Controlled Locks: Control of door locks when the ignition is cycled ON or OFF.

OFF - Door locks not activated by ignition.

Lock and Unlock - Doors lock when ignition is turned on and unlock when ignition is turned off.

Lock Only - Doors lock when ignition is turned on.

Unlock Only - Doors unlock when ignition is turned off.

4 - Trunk Output Timing - Red/White Output: Control of the RED/WHITE trunk release output wire when trunk release is activated from the transmitter.

Push and Hold - Output is continuously active until transmitter button is released.

10 Seconds - Output stays active for 10 seconds regardless of length button press on transmitter.

20 Seconds - Output stays active for 20 seconds regardless of length button press on transmitter.

Latched until IGN ON - Output stays active until the ignition is turned on.

Latched ON until Button Press - Output stays active until deactivated by transmitter.

5 - Horn Output Timing: Control the minimum horn pulse time in milli seconds, some vehicle will require a longer pulse to activate the factory horn.

16mS 10mS 30mS 40mS 50mS

6 - Real Panic: Controls the panic out when triggered from the transmitter.

ON - Randomized horn honks when panic is triggered.

OFF - Standard pattern horn honks when panic is triggered.

7 - AUX 1: Controls the VIOLET/BLACK AUX 1 output activation type and timing.

Push and Hold - Output is continuously active until transmitter button is released.

Latched - Output stays active until button is pressed again.

Latched until IGN ON - Output stays active until the ignition is turned on.

Dome Light Output - Output is used for illuminated entry and is not controlled by the AUX 1 function of the transmitter.

8 - AUX 2: Controls the WHITE/BLACK AUX 2 output activation type and timing.

Push and Hold - Output is continuously active until transmitter button is released.

Latched - Output stays active until button is pressed again.

Latched until IGN ON - Output stays active until the ignition is turned on.

10 Second Pulse with Arm - Output stays active for 10 seconds with press of lock button.

10 Second Pulse with Disarm - Output stays active for 10 seconds with press of unlock button.

9 - AUX 3: Controls the GRAY/BLACK AUX 3 output activation type and timing.

Push and Hold - Output is continuously active until transmitter button is released.

Latched - Output stays active until button is pressed again.

Latched until IGN ON - Output stays active until the ignition is turned on.

10 Second Pulse with Arm - Output stays active for 10 seconds with press of lock button.

10 Second Pulse with Disarm - Output stays active for 10 seconds with press of unlock button.

10 - AUX 4: Controls the ORANGE/BLACK AUX 4 output activation type and timing.

Push and Hold - Output is continuously active until transmitter button is released.

Latched - Output stays active until button is pressed again.

Latched until IGN ON - Output stays active until the ignition is turned on.

10 Second Pulse with Arm - Output stays active for 10 seconds with press of lock button.

10 Second Pulse with Disarm - Output stays active for 10 seconds with press of unlock button.

11 - AUX 5: Controls the PINK/BLACK AUX 5 output activation type and timing.

Push and Hold - Output is continuously active until transmitter button is released.

Latched - Output stays active until button is pressed again.

Latched until IGN ON - Output stays active until the ignition is turned on.

10 Second Pulse with Arm - Output stays active for 10 seconds with press of lock button.

10 Second Pulse with Disarm - Output stays active for 10 seconds with press of unlock button.

Transmitter Button Functions

1 Way Transmitter	Lock	Unlock	Car Find / Panic	Trunk		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)
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
AUX 2, 3, 4, 5 - Access in AUX Mode						
Enter AUX Mode			X	X		Press and Hold Find + Trunk Transmitter LED flashes 1 time
AUX 2	X					Push and Hold (3 Sec)
AUX 3		X				Push and Hold (3 Sec)
AUX 4			X			Push and Hold (3 Sec)
AUX 5				X		Push and Hold (3 Sec)

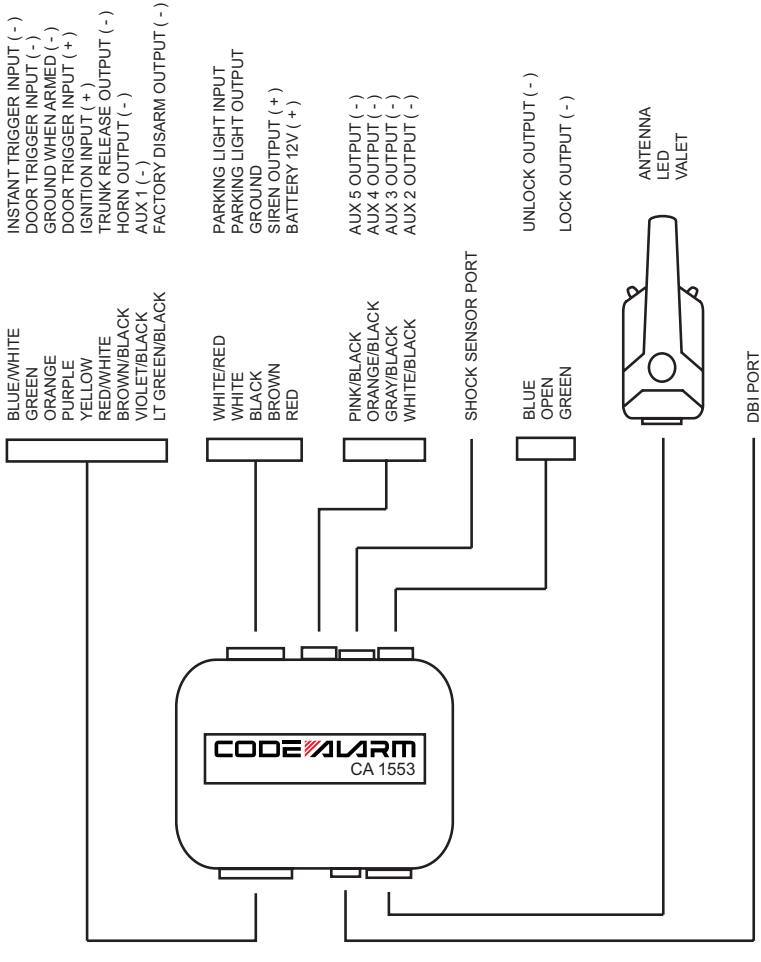
2 Way Transmitter	Lock	Unlock	Car Find / Panic	Trunk	Function	Operation Method
Lock	X					Press and Release
Unlock		X				Press and Release
2 Step Unlock		X				Press and Release 2 times
Trunk				X		Push and Hold (3 Sec)
Car Finder			X			Press and Release
Panic			X			Push and Hold (3 Sec)
AUX 1	X	X				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
Menu					X	Press and Release
AUX 2, 3, 4, 5 - Access in AUX Mode						
Enter AUX Mode					X	Press and Hold F for 2 seconds LCD displays AU
AUX 2	X					Push and Hold (3 Sec)
AUX 3		X				Push and Hold (3 Sec)
AUX 4			X			Push and Hold (3 Sec)
AUX 5				X		Push and Hold (3 Sec)

Security Trigger Zones

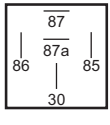
If the security system has been triggered the LED will flash one of the patterns below indicating the zone.

LED FLASHES TRIGGER ZONE

2 Flashes	Hood / Trunk Input
3 Flashes	Door Input
4 Flashes	Shock Sensor
5 Flashes	Ignition Input



STARTER INTERUPT RELAY



ORANGE
RED
BLACK
WHITE / BLACK
OPEN

86 - ARMED OUTPUT (-)
85 - IGNITION (+)
87A - STARTER OUTPUT - MOTOR SIDE
30 - STARTER INPUT - KEY SIDE
87 - OPEN

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.