

Street Smart Security



Security, Convenience and Peace of mind all at the push of a button...

Products

[Code Encryptor Plus](#)

[Code Encryptor 2](#)

[Backup Battery Siren](#)

Street Smart Security, we're the company you've seen, heard and read about. We provide receivers and remotes that let you control garage doors, alarm panels, X-10 appliances, anything you can think up. This is all done with randomly rotating codes to give you the utmost in security.

Information

[What is a Code Grabber?](#)

[News Articles](#)

[Ordering Information](#)

[Compatibility Chart](#)

Who we are...

Street Smart Security was founded in 1989. We have been providing security for people for over 10 years. Three years ago we produce the Code Rotator, the highest level of security the garage door industry had ever seen. We then add the 6 channel Hunter to give home automation customers a way to have a small keychain remote operate their automation equipment. Now we have the Code Encryptor Plus, a 3 channel remote receiver for alarm panel, garage door and panic all on one remote.

We have expanded our product line to the Code Encryptor 2. With versions for nearly all alarm panel. Along with this we have two new products we will be introducing in Fall 1999.

Our high tech security has been featured on Good Morning America, CNBC's Steals and Deals, The Today show, KGTV, KUSI, and many others.

Our products have been purchased by the FBI, US Marshall, Dept. of Treasure, Royal Canadian Mounted Police and many other that consider security paramount.

Our strong engineering department makes us a great source for OEM and custom products

Tech Help- Installation Manuals

- Code Encryptor Plus
[CEPLUS](#)
[-installation](#)
[manual](#)
- Code Encryptor 2
-instruction manual

[CE2Y](#)

[CE2R](#)

[CE2P](#)
- [Backup Battery](#)
[Siren](#)
[-instruction manual](#)

Street Smart Security
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Poway CA 92064
619-513-1223
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Email: mark_okeefe@ademco.com



The Code Encryptor Plus

gives you Safety and Convenience from the push of a Button.

Code Encryptor Plus



Receiver and Remote control system

The Code Encryptor remote allows you to control the On/Off entry for your home alarm, the garage door and a panic button all from one remote.

Key Benefits

- The Ultra high security of 4 Billion randomly hopping codes ensures that no code grabber or scanning device will give thieves access to your house or garage.
- Our keychain remote is small and convenient. Easy to carry in a pocket or purse.
- The Code encryptor can have multiple remotes.(Up to 7) One for every member of the family.
- Code Learning- You can easily add or delete remotes with the push of a button.
- Uses no zones on Ademco and DSC alarm panels
- Works with **ALL** alarm panels and garage doors via relay outputs.
- No more codes to remember!

- One year warranty
- Made in the U.S.A.

List Pricing

DESCRIPTION	LIST PRICE
Code Encryptor-receiver	\$69.95
Extra 3 button remote	\$30.00
Telescoping antenna remote-long rang	\$45.00

Qualified Alarm Dealers Please Call for Dealer pricing and information.

[Compatibility Chart](#)

[Spec Sheets - The technical information](#)

[To Order Click here](#)

Instruction Manual for CEplus

[Return to Home page](#)

"Compatible" means through the data bus of Alarm panel

Panel	CEPLUS	CE2Y	CE2R (see below)
DSC 550	Plus Compatible Sept99		
DSC 1550	Plus Compatible	100% Compatible	
DSC 2525	Plus Compatible	100% Compatible	
DSC 2550	Plus Compatible	100% Compatible	
DSC 3000	Plus Compatible	100% Compatible	
DSC 580	RELAY	100% Compatible	
DSC 5010 (832)	RELAY	100% Compatible	
Ademco 4110 (All)	Plus Compatible	100% Compatible	
Ademco 4120	RELAY	100% Compatible	
Ademco 4140 XMPT2	RELAY	100% Compatible	
Ademco Vista 10	Plus Compatible	100% Compatible	
Ademco Vista 15	Plus Compatible	100% Compatible	
Ademco Vista 20	Plus Compatible	100% Compatible	
Ademco Via 30	Plus Compatible	100% Compatible	
Ademco Vista 40	RELAY	100% Compatible	
Ademco Vista 50	RELAY	100% Compatible	
Ademco Vista 100	RELAY	100% Compatible	
Napco 1000e	RELAY	100% Compatible	
Napco 1008e	RELAY	100% Compatible	
Napco 1016e	RELAY	100% Compatible	
Moose Z700	RELAY	100% Compatible	
Moose Z880	RELAY	100% Compatible	
Moose Z900	RELAY	100% Compatible	
Moose Z950	RELAY	100% Compatible	
Moose Z1100	RELAY	100% Compatible	
Moose Z1100e	RELAY	100% Compatible	
Moose ZX200	RELAY	100% Compatible	
Moose XZ 400/ 410	RELAY	100% Compatible	
ADT A910	RELAY	100% Compatible	
Caddx 8600e	RELAY	100% Compatible	
Caddx 8980e	RELAY	100% Compatible	
FBI XL1			100% Compatible
FBI XL2	RELAY		100% Compatible
FBI XL2-T	RELAY		100% Compatible
FBI XL2-P	RELAY		100% Compatible
FBI XL2-G	RELAY		100% Compatible

XL-4	RELAY		100% Compatible
XL-20	RELAY		100% Compatible
XL-31	RELAY		100% Compatible
Caddx NX 6	RELAY		100% Compatible
Caddx NX-8	RELAY		100% Compatible
Napco P400	RELAY		100% Compatible
Napco P600	RELAY		100% Compatible
Napco P800	RELAY		100% Compatible
Napco 1632	RELAY		100% Compatible
Napco 3200	RELAY		100% Compatible
Napco 9600	RELAY		100% Compatible
Radionics			100% Compatible 10/99

"100% Compatible" means through the data bus of Alarm panel using NO Zones

"Plus compatible" provides AWAY, STAY (Bypass), DISARM through the Keypad Data Wires, Requires that you use 1 hardwired zone for PANIC.

RELAY- Provides a Dry Contact relay output to control KEYSWITCH Arming.

[Return to top](#)

[Return to Home page](#)

Code Encryptor PLUS

Receiver and Remote Part number: CEPLUS

Wiring:

Wire Harness Pin out	
Empty	empty
Yellow	Ademco and DSC only
Green	Ademco and DSC only
Gray	(-) Channel 3 output (3 Second delay)
Red/White	Garage door push button Ch2
White	Garage door push button Ch2
Brown	Keyswitch Arm/Disarm Ch 1 Common
Brown/White	Keyswitch Arm/Disarm Ch1 N/O
Blue/Green	Keyswitch Arm/Disarm Ch 1 N/C
Red	(+) 12VDC
Black	(-) Ground
Empty	empty

Specifications

Standby power consumption	8mAmp
Transmission Output	20mAmp
Channel 1 Relay	5 amp
Channel 2 Relay	10 amp
Channel 3 three second delay	(-)200 mAmp
Temperature range	-4F to +139F
Range	150-175 Feet
Number of Codes	4 Billion Pseudo Random
Physical size	3.5"x2.5"x1"
Weight	4 ounces
Return to HOME page	

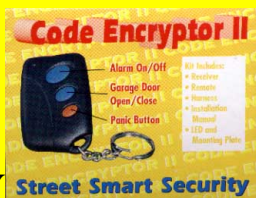
The Code Encryptor 2

The latest Release (all the features of the CEPLUS and MORE)

Code Encryptor 2



Three Versions to choose from:



CE2Y



CE2R



CE2P

Compatibility Chart for CE2 units

All three versions allows you to control the On/Off/Stay for your home alarm, the garage door and a panic button all from one remote.

Key Benefits

- Automatic Alarm Recognition
- Now with a Status L.E.D
- New extra 3 minute timer output on ch 2
- Relay now on channel 3
- ADD/Delete from the keypad
- Uses No Zones for Ademco, DSC, Napco, Moose, Caddx,FBII and APEX panels (See Compatibility sheet)
- The Ultra high security of 4 Billion randomly hopping codes ensures that no code grabber or scanning device will give thieves access to your house or garage.
- Our keychain remote is small and convenient. Easy to carry in a pocket or purse.
- The Code encryptor can have multiple remotes.(Up to 7) One for every member of the family.
- Works with ALL alarm panels and garage doors via relay outputs.
- No more codes to remember!
- One year warranty

List Pricing

DESCRIPTION	LIST PRICE
Code Encryptor 2 (Y,R or P version)	\$89.95
Extra 3 button remote	\$30.00
Telescoping antenna remote-long rang	\$45.00

Qualified Alarm Dealers Please Call for Dealer pricing and information.

[Spec Sheets - The technical information](#)

[To Order Click here](#)

Instruction Manual for CE2

[CE2Y](#)

[CE2R](#)

[CE2P](#)

[Return to Home page](#)

Code Encryptor 2

CE2Y

CE2R

CE2P

CE2Y and CE2P

Wiring:

Wire Harness Pin out	<u><i>CE2Y and CE2P</i></u>
Empty	empty
Yellow	Data Bus
Green	Data Bus
Gray	3 minute timed output from button 2
Red/White	Garage door push button from button 2
White	Garage door push button from button 2
Brown	Ch 3 Comon for relay
Brown/White	Ch 3 N/O for relay
Blue/Green	Ch 3 N/C for
Red	(+) 12VDC
Black	(-) Ground
Purple	LED (-)

Wiring:

Wire Harness Pin out	<u><i>CE2R</i></u>
Empty	empty
Green	Data Bus
Yellow	Data Bus
Gray	3 minute timed output from button 2

Red/White	Garage door push button from button 2
White	Garage door push button from button 2
Brown	Ch 3 Comon for relay
Brown/White	Ch 3 N/O for relay
Blue/Green	Ch 3 N/C for
Red	(+) 12VDC
Black	(-) Ground
Purple	LED (-)

Specifications

Standby power consumption	8mAmp
Transmission Output	20mAmp
Channel 1	Data bus
Channel 2 Relay	10 amp
Channel 3 Relay	5 amp
Temperature range	-4F to +139F
Range	150-175 Feet
Number of Codes	4 Billion Pseudo Random
Physical size	3.5"x2.5"x1"
Weight	4 ounces
Return to Home page	

Ordering Information (Many Ways To Order!)

Call our toll-free number: **1-800-908-4737**

[Click here to order Online](#)

[Click here to fax or mail your order](#)

[Return to home page](#)

Street Smart Security Order Form

Use This Form To Order Electronically

Credit Card:

Credit Card Number:

Expiration Date:

Name:

E-mail:

Address:

City, State, Zip:

Phone Number:

Code Encryptor Plus:	Quantity:	@ \$69.95 each =
3-button remote for Encryptor:	Quantity:	@ \$30.00 each =
Code Encryptor 2:	Quantity:	@ \$89.95 each =
Battery backup Siren:	Quantity:	@ \$69.95 each =
Shipping:		\$5.00
TOTAL:		

[Return to Home Page](#)

STREET SMART SECURITY FAX & MAIL ORDER FORM

Offer valid for U.S. only, Canada and overseas customers please call 619-513-1223 or fax us at 619-513-9352 for more details.

Please print out this form and return to us via Mail or Fax. This form may be used for **CREDIT CARD** orders. You can also use our [ON-LINE CREDIT CARD ORDER FORM](#). We accept the following payment methods:
 (1) Credit card; via fax, phone, mail or [ON-LINE](#). Our fax number is: (619)513-9352 Our e-mail address is: Mark_Okeefe@ademco.com Our mailing address is: **STREET SMART SECURITY** 12925 Brookprinter Place #410 Poway, CA 92064 Our phone # is:(800)908-4737 Please fill out this form and send it to us via one of the above methods. You may telephone your order also. Our phone is answered between the hours of 9:00 a.m. & 5:00 p.m. pacific time Monday thru Friday.

Name:(print or type clearly).....

Daytime Phone:(required for all credit card orders).....

Fax:(optional).....E-mail:.....

Address:(NO P.O. BOXES).....

Address:.....

City:..... State:.....

Zip:.....

Credit card: VISA Mastercard

number: |_|_|_|_| |_|_|_|_| |_|_|_|_| |_|_|_|_| Exp. Date: __ / __

Card account name:.....

Signature(if possible):.....

DESCRIPTION	#	PRICE	TOTAL
Code Encryptor Plus (receiver only)	_____	\$69.95	\$_____
3-button remote	_____	\$30.00	\$_____

for Encryptor

Code Encryptor 2 _____ \$89.95 \$ _____
(receiver only)

Backup Battery siren _____ \$69.95 \$ _____

Shipping & Handling \$ 5.00

Merchandise Total \$ _____

[Return to Ordering Information](#)

Code Encryptor II Yellow

Location of the control module is the most important determining factor for range and reliability of your Code Encryptor. Select a location that is as centrally located as possible. Keep in mind that your customer will want to control the operation of the garage door from the driveway, and will also expect the use of the remote for alarm On/Off in the area of entry and exit.

Since the Code Encryptor uses the communication bus wires from the keypad, you may want to place the receiver in or near the garage to easily control the following

- o Easy connection to the garage door push button
- o Easy visual LED status mounting location
- o Easy connection to the keypad wires for complete alarm control

Although you can wire at the panel, it may reduce labor by installing the Code Encryptor II receiver at the point of entry. In most cases that is the garage which will provide an easy installation for garage door Open/Close, status indicator and alarm controls through the keypad.

DO NOT MOUNT THE CONTROL MODULE IN THE ALARM PANELS METAL ENCLOSURE.

Yellow	Connect to yellow of keypad
Green	Connect to green of keypad
Gray	(-) Channel 2 Timed Output
Red/White	Channel 2 N/O relay (Garage Door Pushbutton)
White	Channel 2 Common (Garage Door Pushbutton)
Brown	Channel 3 Common
Brown/White	Channel 3 N/O
Blue/Green	Channel 3 N/C
Red	+12VDC
Black	(-) Ground
Purple	LED (-) Output

Button 1	Alarm AWAY/OFF/HOME
Button 2	Garage Door OPEN/CLOSE
Button 3	PANIC OUTPUT

Hold for 3 seconds
Relay Output
Press and Release

**Press and hold for 3 seconds to activate "HOME" mode

Installation

Red	Aux +
Black	Aux -

Yellow Keypad Data Line
Green Keypad Data Line

Wiring and Auto Recognition

COMPLETE STEPS 1-6

- Step 1) Unplug the receiver from the wire harness.
- Step 2) Wire the Red, Black, Yellow and Green to the keypad.
- Step 3) Plug in the CE II Control Module.

RED Connect to Keypad Red or Aux (+)
BLACK Connect to Keypad Black or Aux (-)
GREEN Connect to Keypad Green
YELLOW Connect to Keypad Yellow

NOTE: You can make these connections at the panel or at the keypad itself. If you place the Code Encryptor II in the garage or any other location away from the panel you may choose to wire the Code Encryptor II directly to the keypad.

*See Steps 4-6 on page 5.

Mandatory Programming

Programming a User Code is mandatory when using the Code Encryptor II. This gives the Code Encryptor microprocessor a User Code to arm and disarm the panel.

Step 4) Verify that the four-digit code you plan to teach the Code Encryptor II is a valid four-digit user code. Example: From the keypad use that four-digit code to arm the panel. If the panel arms, that is a good code. If it does not, program that user code into the alarm panel. - The Code Encryptor II uses that four-digit code to arm and disarm the panel, thus that code must be valid.*

Step 5) Press and HOLD the program button on the receiver. The light will come ON and stay ON for three seconds then turn OFF. Once the light turns off, RELEASE the program button, the light will begin to flash rapidly.

Step 6) Using the keypad, slowly and firmly enter the four-digit user code. After the fourth entry the LED will stop flashing. This code has now been entered into the Code Encryptor's non-volatile memory. The Code Encryptor will remember this user code in the event of a power failure. To change to a new user code, repeat steps 5 and 6 above.

*NOTE: We recommend using a user code that the customer cannot change. If the user code that is programmed into the CE Module is changed, the Code Encryptor II will not disarm the alarm panel.

Mandatory Programming Continued

Press and Release button #1	Alarm "Away"
Press and Release button #1	Alarm "Disarm"
Press and Hold for 3 seconds	Alarm "Home"

NOTE: The Code Encryptor II will arm in the AWAY mode even if you are outside the house. You do not have to arm the alarm before you exit. We do however recommend that you Arm the alarm system within sight of the status LED or keypad to verify that the alarm has received and responded to your remote request.

LED Wiring

DO NOT CONNECT LED DIRECTLY TO GROUND!

The LED is a low voltage type and must run through the Code Encryptor II. If you attempt to connect the purple wire directly to ground (-) the LED will burn and will NOT operate again.

Channel 2 Outputs

(Every time button #2 is pressed, two outputs happen simultaneously.)

Output #1 Momentary Contact Closure for Opening and Closing
garage door (See Garage Door Interface)

Output #2 500ma (-) output for 3 minutes, (See Channel 2 Timed Output)

Garage Door Interface

All garage doors have a wall mounted push button that activates the door via a two-wire connection. Make your connection at the push button switch or at the garage door motor where these two wires terminate. The Code Encryptor II will interface with this connection by attaching the red/white and white wires from the Code Encryptor II to these two wires. If you choose to connect to the motor, trace the wires from the push button to the motor to determine the proper connection point. Most garage doors (except MOM Crusader models) use terminals #1 and #2. For MOM Crusader models, use terminals #2 and #3.

Channel 2 Timed Output

Every time you press button 2 on the Code Encryptor II remote the Gray wire sends a 500ma (-) output for 3 minutes.

Application #1 - If you hardwire the garage door you can use this output to trigger a 12VDC relay that will energize when you open or close your garage door extending your entry/exit delay by another 3 minutes. For security, you can make the entry delay minimal so if a thief enters through the garage, the entry delay will be short. If the homeowner opens the garage with our Code Encryptor II we will extend the entry delay by 3 minutes. If you are using the status output in the garage then you may not need this extra time, as our remote can immediately de-activate the alarm system and you will receive visual indication the alarm is disarmed. NOTE: If you are using this output see additional programmability on page 18.

Application #2 - You can use this output to drive entry/exit illumination. Every time the customer enters or exits the house this output can trigger a relay or an X-10 powerflash module to interface with driveway, porch or Malibu lighting, illuminating their way as they leave and return home. The output activates automatically when you press button 2 on the Code Encryptor II remote and will shut

off after 3 minutes. NOTE: If you are using this output see additional programmability on page 18.

Channel 3 Applications

Press and Release button #3	See Relay Output
Press and Hold button #3	for seconds See Panic Mode

Relay Output

Occasionally, you may want to use Channel 3 for control of optional accessories (i.e., Malibu lighting, sprinklers, X-10 automation). The Code Encryptor II provides the ability to reconfigure Channel 3 to a variety of popular outputs using the on-board jumpers. The output provided from the Code Encryptor II is a 5amp from C relay (Common, N/O, N/C).

Jumper Configuration	Channel 3 Output Type
Both jumpers in (default)	Momentary output
Jumper closest to the harness removed	Latching (on/off) output
Jumper farthest from the harness removed	75sec timed output
Both jumpers out	150sec timed output

This output is a 5amp Form C relay (Common, N/O/, N/C). To energize relay, press and release button number 3 (the smallest button). You must RELEASE the button before the relay will energize.

Panic Mode

Press and hold button 3 on the remote control for at least 3 seconds. This will cause the panel to go into a panic mode. Press button 1 (largest button) to disarm the panel.

DEACTIVATING THE PANIC FEATURE:

In the event the user does not want to access a panic button through the remote control, it can be de-activated from the Code Encryptor II's memory.

- Step 1) Unplug the wire harness from the Code Encryptor II.
- Step 2) Press and HOLD the program button.
- Step 3) While HOLDING the program button, plug the Code Encryptor II harness back in. The LED light located on the front will turn ON.
- Step 4) Wait until the light turns "OFF".
- Step 5) Once the light has turned "OFF" release the button

Activating the Panic Mode

NOTE: This is the default setting of the Code Encryptor II.

If you have previously programmed remote panic "OFF" and would like to turn it back "ON" follow the steps below. If this is a NEW installation Panic "ON" is the DEFAULT setting for the Code Encryptor II.

- Step 1) Unplug the wire harness from the Code Encryptor II.
- Step 2) Press and HOLD the program button.
- Step 3) While HOLDING the program button, plug the Code Encryptor II harness

back in. The LED light located on the front will turn ON.

Step 4) Immediately release the program button.

IF NECESSARY, PROGRAM THE ALARM PANEL FOR KEYPAD PANIC.

To Add or Delete Remotes

To add a NEW remote

METHOD #1

To add a remote to your Code Encryptor II, disarm the panel and Enter 78738 from the keypad. The system will arm in the "STAY" mode. Press button #1 (largest button) until the arm system disarms. It should take a total of four presses.

METHOD #2

To add a remote to your Code Encryptor II PRESS AND RELEASE the program button on the receiver. The light on the receiver will come ON. Immediately PRESS button 1 (largest button) on the new remote control THREE TIMES. The light on the receiver should go OFF, indicating the remote has been learned. If the light on the receiver stays ON, the remote has not been learned. Remove and replace the harness, wait 15 seconds while auto recognition occurs and follow these instructions again.

The Code Encryptor II can hold up to seven remotes.

DEFAULT MODE:

- o If the Code Encryptor II fails to recognize any of the data coming from the keypad wires, it will automatically default to a relay mode for button #1
- o If you have connected the CE II to an alarm it does not recognize, follow the wiring below for a keyswitch mode.
- o Program a selected zone as "Keyswitch Arming."
- o Do not use the green or yellow wires.

Installation for Keyswitch Arming

Red Aux +

Black Aux -

Brown/White Zone programmed for keyswitch arming

Brown Common adjacent to zone

To DELETE ALL remotes

METHOD #1

To delete a lost or stolen remote from the Code Encryptor II, you must purge the entire memory. This will delete all of the current remotes. You will then have to add them back in one at a time. To purge the memory, disarm the panel. Enter 76278 from the keypad. The keypad on most panels will "beep" or the lights will turn off momentarily to confirm delete. Follow the instructions on page 13 (To Add a New Remote).

METHOD #2

To delete a lost or stolen remote from the Code Encryptor II, you must purge the entire memory. This will delete all of the current remotes. You will then have to add them back into memory. To purge, PRESS AND HOLD the program button, the light will come ON for four seconds, then go OFF, and finally it will come ON again, indicating that all the remotes in memory have been purged. Release the program button and follow the instructions on page 13 (To Add a New Remote).

Troubleshooting

Problem: I press Button #1 (largest, button) but nothing happens.
SOLUTION: 1) Did you teach the Code Encryptor II a VALID four-digit user code?
Note: The code you teach the Code Encryptor II must be a master code or one of the current user codes.

2) Press button #2 (middle button), if you do NOT hear a "click" at the receiver, GO TO PAGE 13 and learn that remote into the Code Encryptor II.

PROBLEM: I press and hold button #3 (smallest button) and I do not get a panic.
SOLUTION: 1) Did you program the panel for keypad panic?

2) To program the Code Encryptor II for panic GO TO PAGE 12.

PROBLEM: Unit does not seem to identify the panel I am using.
Solution: Call technical 888-768-2846.

Specifications

RECEIVER

- o 12VDC Power Input
- o Channels 1 Data outputs
- o Channel 2 Relay N/O, Comm (10amp)
- o Channel 3 selectable: Form C Relay (N/O, N/C, Comm) 5amp
This output can be reconfigured from a pulsed output to a latching, 75 second timed or 150 second timed output.
- o Channel 3 - Keypad panic data output (Programmable On or OFF)

Frequency 303Mhz
Stand by Power Consumption 15ma
Temperature Range -5°F to 160°F (Indoor use only)

REMOTE CONTROL

Battery 12VDC Mini (Part #GP23A) Replace battery at least once a year.
Range 150+ feet

CHANNEL 3 OUTPUT

Both jumpers in (default)	Momentary output
Jumper closest to the harness removed	Latching (on/off) output
Jumper farthest from the harness removed	75sec timed output
Both jumpers out	150sec timed output

STREET SMART SECURITY TECHNICAL CAN BE REACHED

12925 BrookPrinter Place, Suite 410, Poway, CA 92064
M-F 7AM-5PM PST AT (888) 768-2846 OR (619) 513-9352-FAX

Optional Reversible Outputs

Channel 2 has two independent outputs that occur when button #2 is pressed. The first output is a momentary relay contact closure which is intended for the use of opening

and closing a garage door. This is the primary output and can not be changed or reconfigured. The second output is a (-) 500ma transistor output to provide a zone bypass or illuminated entry/exit.

- o If you are not using the relay for Channel 3 you may choose to swap the (-) transistor output for the relay. In this instance you will then have two contact closures every time Button # 2 is pressed. The standard momentary contact closure and ALSO a Form C relay that will energize automatically for 3 minutes every time the garage door is opened or closed.

To Swap the transistor and relay outputs.

- Step 1) While watching the LED on the CE II receiver press and HOLD button 1 and 3 simultaneously on the remote control until the LED on the CE II receiver illuminates. (approx. 5 seconds)
- Step 2) To make channel 2 a relay press the program button on the CE II Receiver TWICE, to make it a transistor output press ONCE (Default setting)
- Step 3) Wait 10 seconds and the CE II will automatically reconfigure the outputs.

NOTE- Even if you swap outputs, the Panic button will still operate if you press and HOLD button #3 for three seconds.

Street Smart Limited Warranty

Street Smart, a Division of Pittway Corporation, and it's divisions, subsidiaries and affiliates ("Seller"), 12925 Brook Printer Place, Suite 410 Poway, California 92064, warrants its products to be in conformance with its own plans and specifications and to be free from defects in materials and workmanship under normal use and service for 24 months from the date stamp control on the product or, for products not having a Street Smart date stamp, for 12 months from date of original purchase unless the installation instructions or catalog sets forth a shorter period, in which case the shorter period shall apply. Seller's obligation shall be limited to repairing or replacing, at it s option, free of charge for materials or labor, any product which is proved not in compliance with Seller's specifications or proves defective in materials or workmanship under normal use and service. Seller shall have not obligation under this Limited Warranty or otherwise if the product is altered or improperly repaired or serviced by anyone other than Street Smart factory service. For warranty service, return product transportation prepaid, to Street Smart Factory Service, 12925 Brook Printer Place, Ste. 410, Poway, California 92064.

THERE ARE NO WARRANTIES, EXPRESS OR IMPLIED, OF MERCHANTABILITY, OR FITNESS FOR A PARTICULAR PURPOSE OR OTHERWISE, WHICH EXTEND BEYOND THE DESCRIPTION ON THE FACE HEREOF. IN NO CASE SHALL SELLER BE LIABLE TO ANYONE FOR ANY CONSEQUENTIAL OR INCIDENTAL DAMAGES FOR BREACH OF THIS OR ANY OTHER WARRANTY, EXPRESS OR IMPLIED, OR UPON ANY OTHER BASIS OR LIABILITY WHATSOEVER, EVEN IF THE LOSS OR DAMAGE IS CAUSED BY THE SELLER'S OWN NEGLIGENCE OR FAULT.

Seller does not represent that the products it sells may not be compromised or circumvented; that the products will prevent any personal injury or property loss by burglary, robbery, fire or otherwise; or that the products will in all cases provide adequate warning or protection. Customer understands that a properly installed and maintained alarm may only reduce the risk of a burglary, robbery, fire or other events occurring without providing an alarm, but it is not insurance or a guarantee that such will not occur or that there will be no personal injury or property loss as a result. CONSEQUENTLY, SELLER SHALL HAVE NO LIABILITY FOR ANY PERSONAL INJURY, PROPERTY DAMAGE OR OTHER LOSS BASED ON A CLAIM THE PRODUCT FAILED TO GIVE WARNING.

HOWEVER, IF SELLER IS HELD LIABLE, WHERE DIRECTLY OR INDIRECTLY, FOR ANY LOSS OR DAMAGE ARISING UNDER THIS LIMITED WARRANTY OR OTHERWISE, REGARDLESS OF CAUSE OR ORIGIN, SELLER'S MAXIMUM LIABILITY SHALL NOT IN ANY CASE EXCEED THE PURCHASE PRICE OF THE PRODUCT, WHICH SHALL BE THE COMPLETE AND EXCLUSIVE REMEDY AGAINST SELLER. This warranty replaces any previous warranties and is the only warranty made by Seller or this product. No increase or alteration, written or verbal, of the obligations of this Limited Warranty is authorized.

Federal Communications Commission (FCC) Statement

This equipment has been tested to FCC requirements and has been found acceptable for use. The FCC requires the following statement for your information:

This equipment generates and uses radio frequency energy and if not installed and used properly, that is, in strict accordance with the manufacturer's instructions, may cause interference to radio and television reception. It has been type tested and found to comply with the limits for a Class B computing device in accordance with the specifications in Part 15 of FCC Rules, which are designed to provide reasonable protection against such interference in a residential installation. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause interferences 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 or more of the following measures:

- o If using an indoor antenna, have a quality outdoor antenna installed.
- o Reorient the receiving antenna until interference is reduced or eliminated
- o Move the receiver away from the control/communicator.
- o Move the antenna leads away from any wire runs to the control/communicator.
- o Plug the control/communicator into a different outlet so that it and the receiver are on

different branch circuits.

If necessary, the user should consult the dealer or an experienced radio/television technician for additional suggestions.

The user or installer may find the following booklets prepared by the Federal Communications Commission helpful: "Interference Handbook"

This booklet is available from the U.S. Government Printing Office, Washington, DC 20402.

The user shall not make any changes or modifications to the equipment unless authorized by the installation instructions or User's Manual. Unauthorized changes or modifications could void the user's authority to operate the equipment.

Canadian Department of Communications (DOC) Statement

Notice: The Canadian Department of Communications label identifies certified equipment. This certification means that the equipment meets certain telecommunications network protective, operational and safety requirements. The Department does not guarantee the equipment will operate to the user's satisfaction. Before installing this equipment, users should ensure that it is permissible to be connected to the facilities of the local telecommunications company. The equipment must also be installed using an acceptable method of connection. In some cases, the company's inside wiring associated with a single line individual service may be extended by means of certified connector assembly (telephone extension cord). The customer should be aware that compliance with the above conditions may not prevent degradation of service in some situations.

Repairs to certified equipment should be made by an authorized Canadian maintenance facility designed by the supplier. Any repairs or alterations made by

the user to this equipment, or equipment malfunctions, may give the telecommunications company cause to request the user to disconnect the equipment.

Users should ensure for their own protection that the electrical ground connections of the power utility, telephone lines and internal metallic water pipe system, if present, are connected together. This precaution may be particularly important to rural areas.

Caution: User should not attempt to make such connections themselves, but should contact the appropriate electric inspection authority, or electrician, as appropriate.

The Load Number (LN) assigned to each terminal device denotes the percentage of the total load to be connected to a telephone loop which is used by the device, to prevent overloading. The termination on a loop may consist of any combination of devices subject only to the requirement that the total of the Load Numbers of all the devices does not exceed 100.

[Return to home page](#)

Code Encryptor II Red

Location of the control module is the most important determining factor for range and reliability of your Code Encryptor. Select a location that is as centrally located as possible. Keep in mind that your customer will want to control the operation of the garage door from the driveway, and will also expect the use of the remote for alarm On/Off in the area of entry and exit.

Since the Code Encryptor uses the communication bus wires from the keypad, you may want to place the receiver in or near the garage to easily control the following

- o Easy connection to the garage door push button
- o Easy visual LED status mounting location
- o Easy connection to the keypad wires for complete alarm control

Although you can wire at the panel, it may reduce labor by installing the Code Encryptor II receiver at the point of entry. In most cases that is the garage which will provide an easy installation for garage door Open/Close, status indicator and alarm controls through the keypad. DO NOT MOUNT THE CONTROL MODULE IN THE ALARM PANELS METAL ENCLOSURE.

Green Connect to green of keypad
(Not used on Caddx or Napco Gem P400, P600, P800, Express 400, 600)

Yellow Connect to yellow of keypad
(Caddx connect to KP DATA)
IMPORTANT: For Napco Gem P400, P600, P800 and

Express 400, 600 connect
the yellow from the CEII to the green of the keypad.

Gray (-) Channel 2 Timed Output

Red/White Channel 2 N/O relay
(Garage Door Pushbutton)

White Channel 2 Common
(Garage Door Pushbutton)

Brown Channel 3 Common (5amp)

Brown/White Channel 3 N/O (5amp)

Blue/Green Channel 3 N/C (5amp)

Red +12VDC

Black (-) Ground

Purple LED (-) Output

Button 1 Alarm ON/OFF/STAY**
Button 2 Garage Door OPEN/CLOSE
Button 3 PANIC OUTPUT
Hold for 3 seconds

**Press and hold for 3 seconds to activate "STAY" or "BYPASS" mode

Installation

Red Aux +
Black Aux -
Yellow Keypad Data Line (Connect to Caddx KP DATA and GREEN from Gem P400, 600 and 800)
Green Keypad Data Line (Not used on Caddx and Napco Gem P400, 600, 800)

Wiring and Auto Recognition

COMPLETE STEPS 1-8

- Step 1) Unplug the receiver from the wire harness.
Step 2) Wire the Red, Black, Yellow and Green to the keypad. (Some panels may only use 3 wires, refer to page 2, 3 for Caddx and Napco Gem P400, P600, P800.)

RED Connect to Keypad Red or Aux (+)
BLACK Connect to Keypad Black or Aux (-)
GREEN Connect to Keypad Green (Not used on Caddx and Napco Gem P400, P600 and P800)
YELLOW Connect to Keypad Yellow. For Caddx connect to KP DATA. (For Napco Gem P400, P600 and P800 connect yellow from CEII to green of keypad.)

NOTE: You can make these connections at the panel or at the keypad itself. If you place the Code Encryptor II in the garage or any other location away from the panel you may choose to wire the Code Encryptor II directly to the keypad.

- Step 3) Make sure the alarm panel is powered up and operating.
Step 4) While watching the LED light on the Control module, plug the receiver into the Code Encryptor II harness.
Step 5) The LED will blink 1 time on power up, after 2 seconds COUNT the flashes that you see. The corresponding flashes will indicate which panel the Code Encryptor II has detected.

Automatic Recognition Continued:

Number of Flashes	Alarm Panel detected by the CE II
1	No Alarm connected (CE II defaults to relay mode) See Page 15 "Default Mode"
2	FBI using a 4600 style keypad
3	FBI using a 4612 style keypad
4	FBI using an addressable keypad SEE PAGE 16 and 17
5	Napco 1632, 3200, 9600
6	Caddx NX4, NX6, NX8
7	Napco Gem P400, P600, P800, Express 400, 600

NOTE: If the CEII does not detect correctly,
call Technical Toll Free 888-768-2846
7am-5pm PST

Mandatory Programming

Programming a User Code is mandatory when using the Code Encryptor II. This gives the Code Encryptor microprocessor a User Code to arm and disarm the panel.

You must use a 4 digit code ONLY. The CEII will not operate properly if you teach it a 3 or 5 digit user code.

Step 6) Verify that the four-digit code you plan to teach the Code Encryptor II is a valid four-digit user code. Example: From the keypad, use that four-digit code to arm the panel. If the panel arms, that is a good code. If it does not, program that user code into the alarm panel. - The Code Encryptor II uses that four-digit code to arm and disarm the panel, thus that code must be valid.*

Step 7) Press and HOLD the program button on the receiver. The light will come ON and stay ON for three seconds then turn OFF. Once the light turns off, RELEASE the program button, the light will begin to flash rapidly.

Step 8) Using the keypad, slowly and firmly enter the four-digit user code. (If using a Napco you must press the ON/OFF button to send the four-digit code.)

IMPORTANT: If you are using an FBI see page 16 and 17

*NOTE: We recommend using a user code that the customer cannot change. If the user code that is programmed into the CE Module is changed, the Code Encryptor II will not disarm the alarm panel.

Mandatory Programming Continued

Press and Release button #1	Alarm "Away"
Press and Release button #1	Alarm "Disarm"
Press and Hold for 3 seconds	Alarm "Stay" or "Bypass"

NOTE: The Code Encryptor II will arm in the AWAY mode even if you are outside the house. You do not have to arm the alarm before you exit. We do however recommend that you Arm the alarm system within sight of the status LED or keypad to verify that the alarm has received and responded to your remote request.

SEE PAGE 16 FOR NAPCO AND CADDX .

The Code Encryptor II on the following panels self enroll themselves as a specific keypad address code.

o Napco 1632, 3200, 9600	Address #2
o FBI Addressable	Address #8 - SEE PAGE 16 AND 17

DO NOT USE THIS ADDRESS CODE FOR ANY KEYPAD. EXAMPLE: If you are using an Napco 1632, no keypads can use address #2 since the CE II will automatically enroll itself as address #2.

Napco 1632, 3200 and 9600 panels must be programmed for a second keypad. If you choose to use PANIC, you must also program that feature "ON" for keypad #2. The second keypad must be programmed to area #1 for the CEII to operate.

- o 1632 Address 0724 (*1) and Address 0731 (*4)
- o 3200 Address 2426 (*1) and Address 2441 (*4)
- o 9600 Address 2426 (*1) and Address 2441 (*4)

LED Wiring

DO NOT CONNECT LED DIRECTLY TO GROUND!

The LED is a low voltage type and must run through the Code Encryptor II. If you attempt to connect the purple wire directly to ground (-) the LED will burn and will NOT operate again.

Channel 2 Outputs

(Every time button #2 is pressed, two outputs happen simultaneously.)

Output #1 Momentary Contact Closure for Opening and Closing
 garage door (See Garage Door Interface)

Output #2 500ma (-) output for 3 minutes, (See Channel 2 Timed Output)

Garage Door Interface

All garage doors have a wall mounted push button that activates the door via a two-wire connection. Make your connection at the push button switch or at the garage door motor where these two wires terminate. The Code Encryptor II will interface with this connection by attaching the red/white and white wires from the Code Encryptor II to these two wires. If you choose to connect to the motor, trace the wires from the push button to the motor to determine the proper connection point. Most garage doors (except MOM Crusader models) use terminals #1 and #2. For MOM Crusader models, use terminals #2 and #3.

Channel 2 Timed Output

Every time you press button 2 on the Code Encryptor II remote the Gray wire sends a 500ma (-) output for 3 minutes.

Application #1 - If you hardwire the garage door you can use this output to trigger a 12VDC relay that will energize when you open or close your garage door extending your entry/exit delay by another 3 minutes. For security, you can make the entry delay minimal so if a thief enters through the garage, the entry delay will be short. If the homeowner opens the garage with our Code Encryptor II we will extend the entry delay by 3 minutes. If you are using the status output in the garage then you may not need this extra time, as our remote can immediately de-activate the alarm system and you will receive visual indication the alarm is disarmed. NOTE: If you are using this output see additional programmability on page 20.

Application #2 - You can use this output to drive entry/exit illumination. Every time the customer enters or exits the house this output can trigger a relay or an X-10 powerflash module to interface with driveway, porch or Malibu lighting, illuminating their way as they leave and return home. The output activates automatically when you press button 2 on the Code Encryptor II remote and will shut off after 3 minutes. NOTE: If you are using this output see additional programmability on page 20.

Channel 3 Applications

Press and Release button #3	See Relay Output
Press and Hold button #3	for seconds See Panic Mode

Relay Output

(Not applicable for Napco/Caddx panels if you are using the feature on page 16.)

Occasionally, you may want to use Channel 3 for control of optional accessories (i.e., Malibu lighting, sprinklers, X-10 automation). The Code Encryptor II provides the ability to reconfigure Channel 3 to a variety of popular outputs using the on-board jumpers. The output provided from the Code Encryptor II is a 5amp from C relay (Common, N/O, N/C).

Jumper Configuration	Channel 3 Output Type
Both jumpers in (default)	Momentary output
Jumper closest to the harness removed	Latching (on/off) output
Jumper farthest from the harness removed	75sec timed output
Both jumpers out	150sec timed output (not applicable if using the feature on page 16)

This output is a 5amp Form C relay (Common, N/O/, N/C). To energize relay, press and release button number 3 (the smallest button). You must RELEASE the button before the relay will energize.

Panic Mode

Press and hold button 3 on the remote control for at least 3 seconds. This will cause the panel to go into a panic mode. Press button 1 (largest button) to disarm the panel.

Napco 1632, 3200 and 9600 panels must be programmed for keypad #2 panic "ON" . SEE PAGE 7 for the Napco Program Guide.

If you are using a panel that does not have a default setting for keypad panic you must program that option "ON" before our system will operate. Most manufacturers set the keypad Panic as a default setting.

DEACTIVATING THE PANIC FEATURE:

In the event the user does not want to access a panic button through the remote control, it can be de-activated from the Code Encryptor II's memory.

- Step 1) Unplug the wire harness from the Code Encryptor II.
- Step 2) Press and HOLD the program button.

- Step 3) While HOLDING the program button, plug the Code Encryptor II harness back in. The LED light located on the front will turn ON.
- Step 4) Wait until the light turns "OFF".
- Step 5) Once the light has turned "OFF" release the button

Canadian Department of Communications (DOC) Statement

Notice: The Canadian Department of Communications label identifies certified equipment. This certification means that the equipment meets certain telecommunications network protective, operational and safety requirements. The Department does not guarantee the equipment will operate to the user's satisfaction. Before installing this equipment, users should ensure that it is permissible to be connected to the facilities of the local telecommunications company. The equipment must also be installed using an acceptable method of connection. In some cases, the company's inside wiring associated with a single line individual service may be extended by means of certified connector assembly (telephone extension cord). The customer should be aware that compliance with the above conditions may not prevent degradation of service in some situations.

Repairs to certified equipment should be made by an authorized Canadian maintenance facility designed by the supplier. Any repairs or alterations made by the user to this equipment, or equipment malfunctions, may give the telecommunications company cause to request the user to disconnect the equipment.

Users should ensure for their own protection that the electrical ground connections of the power utility, telephone lines and internal metallic water pipe system, if present, are connected together. This precaution may be particularly important to rural areas.

Caution: User should not attempt to make such connections themselves, but should contact the appropriate electric inspection authority, or electrician, as appropriate.

The Load Number (LN) assigned to each terminal device denotes the percentage of the total load to be connected to a telephone loop which is used by the device, to prevent overloading. The termination on a loop may consist of any combination of devices subject only to the requirement that the total of the Load Numbers of all the devices does not exceed 100.

[Return to home page](#)

Code Encryptor II Purple

Location of the control module is the most important determining factor for range and reliability of your Code Encryptor. Select a location that is as centrally located as possible. Keep in mind that your customer will want to control the operation of the garage door from the driveway, and will also expect the use of the remote for alarm On/Off in the area of entry and exit.

Since the Code Encryptor uses the communication bus wires from the keypad, you may want to place the receiver in or near the garage to easily control the following

- o Easy connection to the garage door push button
- o Easy visual LED status mounting location
- o Easy connection to the keypad wires for complete alarm control

Although you can wire at the panel, it may reduce labor by installing the Code Encryptor II receiver at the point of entry. In most cases that is the garage which will provide an easy installation for garage door Open/Close, status indicator and alarm controls through the keypad. DO NOT MOUNT THE CONTROL MODULE IN THE ALARM PANELS METAL ENCLOSURE.

Yellow Connect to yellow of keypad
Green Connect to green of keypad
Gray (-) Channel 2 Timed Output
Red/White Channel 2 N/O relay
(Garage Door Pushbutton)
White Channel 2 Common
(Garage Door Pushbutton)
Brown Channel 3 Common (5amp)
Brown/White Channel 3 N/O (5amp)
Blue/Green Channel 3 N/C (5amp)
Red +12VDC
Black (-) Ground
Purple LED (-) Output

Button 1 Alarm AWAY/OFF/HOME
Button 2 Garage Door OPEN/CLOSE
Button 3 PANIC OUTPUT-Hold for 3 seconds

Relay

Output-Press and Release
**Press and hold for 3 seconds to
activate "HOME" mode

Installation

Red Aux +
Black Aux -
Yellow Keypad Data Line
Green Keypad Data Line

Wiring and Auto Recognition

COMPLETE STEPS 1-6

- Step 1) Unplug the receiver from the wire harness.
- Step 2) Wire the Red, Black, Yellow and Green to the keypad.
- Step 3) Plug in the CE II Control Module.

RED Connect to Keypad Red or Aux (+)
BLACK Connect to Keypad Black or Aux (-)
GREEN Connect to Keypad Green
YELLOW Connect to Keypad Yellow

NOTE: You can make these connections at the panel or at the keypad itself. If you place the Code Encryptor II in the garage or any other location away from the panel you may choose to wire the Code Encryptor II directly to the keypad.

*See Steps 4-6 on page 5.

Mandatory Programming

Programming a User Code is mandatory when using the Code Encryptor II. This gives the Code Encryptor microprocessor a User Code to arm and disarm the panel.

Step 4) Verify that the four-digit code you plan to teach the Code Encryptor II is a valid four-digit user code. Example: From the keypad use that four-digit code to arm the panel. If the panel arms, that is a good code. If it does not, program that user code into the alarm panel. - The Code Encryptor II uses that four-digit code to arm and disarm the panel, thus that code must be valid.*

Step 5) Press and HOLD the program button on the receiver. The light will come ON and stay ON for three seconds then turn OFF. Once the light turns off, RELEASE the program button, the light will begin to flash rapidly.

Step 6) Using the keypad, slowly and firmly enter the four-digit user code. After the fourth entry the LED will stop flashing. This code has now been entered into the Code Encryptor's non-volatile memory. The Code Encryptor will remember this user code in the event of a power failure.

To change to a new user code, repeat steps 5 and 6 above.

*NOTE: We recommend using a user code that the customer cannot change. If the user code that is programmed into the CE Module is changed, the Code Encryptor II will not disarm the alarm panel.

*Continued on page 6.

Mandatory Programming Continued

Press and Release button #1	Alarm "Away"
Press and Release button #1	Alarm "Disarm"
Press and Hold for 3 seconds	Alarm "Home"

NOTE: The Code Encryptor II will arm in the AWAY mode even if you are outside the

house. You do not have to arm the alarm before you exit. We do however recommend that you arm the alarm system within sight of the status LED or keypad to verify that the alarm has received and responded to your remote request.

LED Wiring

DO NOT CONNECT LED DIRECTLY TO GROUND!

The LED is a low voltage type and must run through the Code Encryptor II. If you attempt to connect the purple wire directly to ground (-) the LED will burn and will NOT operate again.

Go TO Channel 2 Outputs

Channel 2 Outputs

(Every time button #2 is pressed, two outputs happen simultaneously.)

Output #1 Momentary Contact Closure for Opening and Closing
garage door (See Garage Door Interface)

Output #2 500ma (-) output for 3 minutes, (See Channel 2 Timed Output)

Garage Door Interface

All garage doors have a wall mounted push button that activates the door via a two-wire connection. Make your connection at the push button switch or at the garage door motor where these two wires terminate. The Code Encryptor II will interface with this connection by attaching the red/white and white wires from the Code Encryptor II to these two wires. If you choose to connect to the motor, trace the wires from the push button to the motor to determine the proper connection point. Most garage doors (except MOM Crusader models) use terminals #1 and #2. For MOM Crusader models, use terminals #2 and #3.

Channel 2 Timed Output

Every time you press button 2 on the Code Encryptor II remote the Gray wire sends a 500ma (-) output for 3 minutes.

Application #1 - If you hardwire the garage door you can use this output to trigger a 12VDC relay that will energize when you open or close your garage door extending your entry/exit delay by another 3 minutes. For security, you can make the entry delay minimal so if a thief enters through the garage, the entry delay will be short. If the homeowner opens the garage with our Code Encryptor II we will extend the entry delay by 3 minutes. If you are using the status output in the garage then you may not need this extra time, as our remote can immediately de-activate the alarm system and you will receive visual indication the alarm is disarmed. NOTE: If you are using this output see additional programmability on page 18.

Application #2 - You can use this output to drive entry/exit illumination. Every time the customer enters or exits the house this output can trigger a relay or an X-10 powerflash module to interface with driveway, porch or Malibu lighting, illuminating their way as they leave and return home. The output activates automatically when you press button 2 on the Code Encryptor II remote and will shut

off after 3 minutes. NOTE: If you are using this output see additional programmability on page 18.

Channel 3 Applications

Press and Release button #3	See Relay Output
Press and Hold button #3	for seconds See Panic Mode

Relay Output

Occasionally, you may want to use Channel 3 for control of optional accessories (i.e., Malibu lighting, sprinklers, X-10 automation). The Code Encryptor II provides the ability to reconfigure Channel 3 to a variety of popular outputs using the on-board jumpers. The output provided from the Code Encryptor II is a 5amp Form C relay (Common, N/O, N/C).

Jumper Configuration	Channel 3 Output Type
Both jumpers in (default)	Momentary output
Jumper closest to the harness removed	Latching (on/off) output
Jumper farthest from the harness removed	75sec timed output
Both jumpers out	150sec timed output

This output is a 5amp Form C relay (Common, N/O, N/C). To energize relay, press and release button number 3 (the smallest button). You must RELEASE the button before the relay will energize.

Panic Mode

Press and hold button 3 on the remote control for at least 3 seconds. This will cause the panel to go into a panic mode. Press button 1 (largest button) to disarm the panel.

DEACTIVATING THE PANIC FEATURE:

In the event the user does not want to access a panic button through the remote control, it can be de-activated from the Code Encryptor II's memory.

- Step 1) Unplug the wire harness from the Code Encryptor II.
- Step 2) Press and HOLD the program button.
- Step 3) While HOLDING the program button, plug the Code Encryptor II harness back in. The LED light located on the front will turn ON.
- Step 4) Wait until the light turns "OFF".
- Step 5) Once the light has turned "OFF" release the button

Activating the Panic Mode

NOTE: This is the default setting of the Code Encryptor II.

If you have previously programmed remote panic "OFF" and would like to turn it back "ON" follow the steps below. If this is a NEW installation Panic "ON" is the DEFAULT setting for the Code Encryptor II.

- Step 1) Unplug the wire harness from the Code Encryptor II.
- Step 2) Press and HOLD the program button.
- Step 3) While HOLDING the program button, plug the Code Encryptor II harness

back in. The LED light located on the front will turn ON.

Step 4) Immediately release the program button.

IF NECESSARY, PROGRAM THE ALARM PANEL FOR KEYPAD PANIC.

To Add or Delete Remotes

To add a NEW remote

METHOD #1

To add a remote to your Code Encryptor II, disarm the panel and Enter 78738 from the keypad. The system will arm in the "HOME" mode. Press button #1 (largest button) until the arm system disarms. It should take a total of four presses.

METHOD #2

To add a remote to your Code Encryptor II PRESS AND RELEASE the program button on the receiver. The light on the receiver will come ON. Immediately PRESS button 1 (largest button) on the new remote control THREE TIMES. The light on the receiver should go OFF, indicating the remote has been learned. If the light on the receiver stays ON, the remote has not been learned. Remove and replace the harness, wait 15 seconds while auto recognition occurs and follow these instructions again.

The Code Encryptor II can hold up to seven remotes.

DEFAULT MODE:

- o If the Code Encryptor II fails to recognize any of the data coming from the keypad wires, it will automatically default to a relay mode for button #1
- o If you have connected the CE II to an alarm it does not recognize, follow the wiring below for a keyswitch mode.
- o Program a selected zone as "Keyswitch Arming."
- o Do not use the green or yellow wires.

Installation for Keyswitch Arming

Red Aux +

Black Aux -

Brown/White Zone programmed for keyswitch arming

Brown Common adjacent to zone

To DELETE ALL remotes

METHOD #1

To delete a lost or stolen remote from the Code Encryptor II, you must purge the entire memory. This will delete all of the current remotes. You will then have to add them back in one at a time. To purge the memory, disarm the panel. Enter 76278 from the keypad. The keypad on most panels will "beep" or the lights will turn off momentarily to confirm delete. Follow the instructions on page 13 (To Add a New Remote).

METHOD #2

To delete a lost or stolen remote from the Code Encryptor II, you must purge the entire memory. This will delete all of the current remotes. You will then have to add them back into memory. To purge, PRESS AND HOLD the program button, the light will come ON for four seconds, then go OFF, and finally it will come ON again, indicating that all the remotes in memory have been purged. Release the program button and follow the instructions on page 13 (To Add a New Remote).

Troubleshooting

Problem: I press Button #1 (largest, button) but nothing happens.
SOLUTION: 1) Did you teach the Code Encryptor II a VALID four-digit user code?
Note: The code you teach the Code Encryptor II must be a master code or one of the current user codes.

2) Press button #2 (middle button), if you do NOT hear a "click" at the receiver, GO TO PAGE 13 and learn that remote into the Code Encryptor II.

PROBLEM: I press and hold button #3 (smallest button) and I do not get a panic.
SOLUTION: 1) Did you program the panel for keypad panic?

2) To program the Code Encryptor II for panic GO TO PAGE 12.

PROBLEM: CE II does not operate.
Solution: Call technical 888-768-2846.

Specifications

RECEIVER

- o 12VDC Power Input
- o Channels 1 Data outputs
- o Channel 2 Relay N/O, Comm (10amp)
- o Channel 3 selectable: Form C Relay (N/O, N/C, Comm) 5amp
This output can be reconfigured from a pulsed output to a latching, 75 second timed or 150 second timed output.
- o Channel 3 - Keypad panic data output (Programmable On or OFF)

Frequency 303Mhz
Stand by Power Consumption 15ma
Temperature Range -5°F to 160°F (Indoor use only)

REMOTE CONTROL

Battery 12VDC Mini (Part #GP23A) Replace battery at least once a year.
Range 150+ feet

CHANNEL 3 OUTPUT

Both jumpers in (default)	Momentary output
Jumper closest to the harness removed	Latching (on/off) output
Jumper farthest from the harness removed	75sec timed output
Both jumpers out	150sec timed output

STREET SMART SECURITY TECHNICAL CAN BE REACHED

12925 BrookPrinter Place, Suite 410, Poway, CA 92064
M-F 7AM-5PM PST AT (888) 768-2846 OR (619) 513-9352-FAX

Optional Reversible Outputs

Channel 2 has two independent outputs that occur when button #2 is pressed. The first output is a momentary relay contact closure which is intended for the use of opening and closing a garage door. This is the primary output and can not be changed or reconfigured. The second output is a (-) 500ma transistor output to provide a zone bypass or illuminated entry/exit.

o If you are not using the relay for Channel 3 you may choose to swap the (-) transistor output for the relay. In this instance you will then have two contact closures every time Button # 2 is pressed. The standard momentary contact closure and ALSO a Form C relay that will energize automatically for 3 minutes every time the garage door is opened or closed.

To Swap the transistor and relay outputs.

- Step 1) While watching the LED on the CE II receiver press and HOLD button 1 and 3 simultaneously on the remote control until the LED on the CE II receiver illuminates. (approx. 5 seconds)
- Step 2) To make channel 2 a relay press the program button on the CE II Receiver TWICE, to make it a transistor output press ONCE (Default setting)
- Step 3) Wait 10 seconds and the CE II will automatically reconfigure the outputs.

NOTE- Even if you swap outputs, the Panic button will still operate if you press and HOLD button #3 for three seconds.

Street Smart Limited Warranty

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Repairs to certified equipment should be made by an authorized Canadian maintenance facility designed by the supplier. Any repairs or alterations made by the user to this equipment, or equipment malfunctions, may give the telecommunications company cause to request the user to disconnect the equipment.

Users should ensure for their own protection that the electrical ground

connections of the power utility, telephone lines and internal metallic water pipe system, if present, are connected together. This precaution may be particularly important to rural areas.

Caution: User should not attempt to make such connections themselves, but should contact the appropriate electric inspection authority, or electrician, as appropriate.

The Load Number (LN) assigned to each terminal device denotes the percentage of the total load to be connected to a telephone loop which is used by the device, to prevent overloading. The termination on a loop may consist of any combination of devices subject only to the requirement that the total of the Load Numbers of all the devices does not exceed 100.

[Return to home page](#)

Backup Battery Siren



Key Benefits

- Supervises the Alarm Panel (engages in event of disconnection)
- Internal self charging Ni-cad Battery (Continuously charges)
- 30 Watt, 125db output
- 2 Mult-Permutation Security keys
- On board and off board mountable security shut down keyswitches
- Armor shielded flex cable
- Tamperproof and weatherproof (flexible indoor/outdoor installation)
- One year warranty

List Pricing

DESCRIPTION	LIST PRICE
Siren	\$69.95

Qualified Alarm Dealers Please Call for Dealer Pricing and Information.

[To Order Click here](#)

[Instruction Manual for Backup Battery Siren](#)

[Return to Home page](#)

Backup Battery Siren

Battery Back-up Siren

Features: This is a battery back-up alarm supervision siren. It will monitor the alarm systems back-up power as well as it's own wiring. If the alarm panels back up battery or any of the siren wires are disconnected then, the battery back up siren will engage. This upgradeable siren is the ultimate in security, as it will sound if the alarm panel is disconnected or the siren wires get cut.

- o Monitors the alarm panel for power.
- o Monitors the siren from being disconnected from the alarm panel.
- o Charges it's internal Battery.
- o Secure mode and Ultra secure mode.
- o Add as a secondary security siren.
- o Replaces any indoor or outdoor siren.

Wiring:

RED- Connect to the Back up Battery (+) Terminal
BLACK- Connect to the Back up Battery (-) Terminal
WHITE- (+) See Diagram 3 or 4
BLUE- (-) See Diagram 3 or 4
BROWN- Off Board Keyswitch for arming/disarming
BROWN- Off Board Keyswitch for arming/disarming
SEE WIRING DIAGRAM - PAGE 4 AND 5

Wiring:

Most alarm systems are driven with a (+) output from the alarm panel. If you are working with an alarm system not mentioned in Diagram #1 or #2 check the siren output of the panel you are working with:

DIAGRAM #1

CONNECT THE WHITE WIRE WITH THE 100K RESISTOR PROVIDED TO THE FOLLOWING:

Manufacturer	Output	Connect at the panel to:
Ademco	Bell (+)	Lug #3
APEX		RELAY
Caddx 8600e/8980e	Bell (+)	Spk/Bell (+)
Caddx NX-6, NX-8	Bell (+)	Bell (+)
FBI XL2T	Bell (+)	Lug #22
FBI XL1	Bell (+)	Lug #19
FBI XL2P	Bell (+)	Lug #24
FBI XL31	Bell (+)	Lug #3
FBI XL4	Bell (+)	Lug #28 (Com)
FBI XL20	Bell (+)	Lug #4
Moose ZX Series	Bell (+)	Lug #5
Moose Z900/Z950	Bell (+)	Lug #3
Mosse Z1100/1100e		RELAY
NAPCO (P400/800)	Bell (+)	Lug #10
NAPCO (1632)	Bell (+)	Lug #3
NAPCO (3200/9600)	Bell (+)	RELAY
NAPCO 1000E (all)	Bell (+)	Lug #3

DIAGRAM #2

The blue wire with the 100k resistor provided to the following:

Manufacturer Output Connect at the panel to:

DSC

Bell (-)

Bell (-)

DSC USERS

Connect the Blue from the siren to Bell (-) and the Bell Sup. resistor to the battery back-up (+).

DSC USERS

Connect the Blue wire to Bell (-) instead of the White wire, still using the 100K resistor.

INSTALLATION:

Step 1) Wire the siren's Red, Black and Both Brown wires as in Diagram #3 or 4.

Step 2) Use Diagram #1 and #2 to help determine if you will use the White OR the Blue wire and Diagram #3 or #4
 for supervised or non supervised wiring.

Step 3) Mount the provided keyswitch in the alarm panel's metal can. This can be mounted

 anywhere in the house but the alarm panel's metal can makes for an easy installation.

 Access to this keyswitch will be needed by the end user in case of an emergency.

Step 3) Choose between Secure Mode OR Ultra Secure mode.

SECURE MODE*:

- o In secure mode the Keyswitch located on the siren will NOT be used.
- o To activate in the secure mode, simply insert a security key into the off board keyswitch and turn it "ON".
- o If the alarm panel is triggered, the siren will activate. Deactivate the siren as you normally would.
- o If the alarm system is powered down or the wires to the battery back up siren are cut, the customer MUST use the security key to de-activate the siren. If the wires are cut OR the alarm loses power the key is an authorization for the siren to shut down.
- o IMPORTANT: The customer must have access to the keyswitch in case of emergency to shut the siren down.

ULTRA SECURE MODE*:

- o If the customer needs ultra high security, you can use BOTH keyswitch units provided.
- o To enter ULTRA SECURITY MODE, insert the key into the back of the siren after "power-up" and turn it "ON", also insert the key in the off board keyswitch and turn it "ON".
- o If the alarm system is powered down or the wires to the battery back up siren are cut, the customer MUST use the security key in BOTH keyswitches to de-activate the siren. If the wires are cut OR the alarm loses power both keyswitches are an authorization for the siren to shut down.
- o IMPORTANT: The customer MUST have access to the back of the siren and to

the off board keyswitch to shut the siren down in case of emergency.

*If the brown wires are cut, then the keyswitch will not operate and the customer will have to wait for the battery to die. Which could take up to 1/2 hour. This is the ultimate breach of security and there is no shut down.

SPECS:

- o 12VDC input power.
- o Self Charging 170mA battery.
- o (+) and (-) input siren tap wires.
- o Indoor/Outdoor Usage.
- o 5 hour charge time upon initial usage.
- o 6 Permutation security keys.
- o Reversible mounting bracket.
- o Run time of siren on battery power is approx 30 minutes.

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Seller does not represent that the products it sells may not be compromised or circumvented; that the products will prevent any personal injury or property loss by burglary, robbery, fire or otherwise; or that the products will in all cases provide adequate warning or protection. Customer understands that a properly installed and maintained alarm may only reduce the risk of a burglary, robbery, fire or other events occurring without providing an alarm, but it is not insurance or a guarantee that such will not occur or that there will be no personal injury or property loss as a result. CONSEQUENTLY, SELLER SHALL HAVE NO LIABILITY FOR ANY PERSONAL INJURY, PROPERTY DAMAGE OR OTHER LOSS BASED ON A CLAIM THE PRODUCT FAILED TO GIVE WARNING. HOWEVER, IF SELLER IS HELD LIABLE, WHERE DIRECTLY OR INDIRECTLY, FOR ANY LOSS OR DAMAGE ARISING UNDER THIS LIMITED WARRANTY OR OTHERWISE, REGARDLESS OF CAUSE OR ORIGIN, SELLER'S MAXIMUM LIABILITY SHALL NOT IN ANY CASE EXCEED THE PURCHASE PRICE OF THE PRODUCT, WHICH SHALL BE THE COMPLETE AND EXCLUSIVE REMEDY AGAINST SELLER. This warranty replaces any previous warranties and is the only warranty made by Seller or this product. No increase or alteration, written or verbal, of the obligations of this Limited Warranty is authorized.

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[Return to home page](#)

If a thief uses a "Code Grabber" he has access to ANY electric garage door, unless...its protected by Street Smart Security

If you have an electric garage door, a thief can remotely open it at any time...



With a "code grabber," anyone can open your electric garage door. A safety device from Street Smart Security ensures that no thief will be able to open your garage door, protecting your and your family!

It's 9:00 a.m. and you've just pulled out of the garage. You point your electric garage door remote to shut the garage door and drive off to work and hope you don't run into any traffic. Meanwhile, a thief is parked a few hundred feet away from your house watching you leave. He drives up to your house, points a "code grabber" at your electric garage door and it opens. He now drives into your garage, shuts the door and goes into your home. Are you at risk? If you have an electrical garage door you are. A new protection device - the Code Rotator- will prevent thieves from opening your electric garage door.

You're at risk. If you own an electrical garage door, a thief can break into your home. Every hour of every day, thieves around the world are using a device called a "code grabber" It gives them the code to your electric garage door and unrestricted access to your possessions and family. Since the device can be used from hundreds of feet away, you will never know when a thief is using it.

How does a "code grabber" work? When you leave your home and activate your electric garage door to shut it , you're are actually transmitting a code to a thief with a "code grabber". He can re-transmit your code to the door and open it. It's like having a key to your house. Burglars use "code grabbers" to open electric garage doors and break into homes...

A "code grabber" is a device that can record and play back the signal produced from your garage door remote control. It has grabbed your private, secret code and revealed it to a burglar. One of the things that makes a "code grabber" so dangerous is that a criminal can sit comfortably hundreds of feet away from you when you use your garage door opener and still grab your code. The "code grabber" duplicates the signal you just used. The thief can re-transmit the signal just captured, drive into your garage, close the door behind him- thus giving him easy access to your home, your valuables and your family from behind

the security of your garage door. Even worse, if you are unaware that the burglary was the result of a "code grabber" the thief can return within a few months to steal whatever your insurance has replaced. He has 24 hour a day access to your property.

Where do thieves get "code grabbers" and why haven't they been publicized?

"Code grabbers" are sold out of the back of magazines and can be made from parts available at any electronic store. Police departments nationwide are aware of these devices but hesitate to give them even more publicity for potential criminals.

[Return to top](#)

[Return to Home page](#)

Burglars Decoding garage-door openers

Crime: Thieves are using electronic gadgetry to break into homes, and a protection industry is responding.

By Amanda Covarrubias The Associated Press

San Diego - Jim Boyle came home from work one Tuesday and noticed that his garage door was open. Strange, because he had closed it when he left that morning.

Inside his single-story house, someone had rifled through every closet, drawer and cupboard, making off with \$8000 in leather jackets, fur coats, power tools and camera gear.

Boyle had received a rude awakening to the high-tech world of garage-door-opener burglaries. Like cellular-phone fraud and computer hacking, this type of crime is another example of criminals using electronic gadgetry to ply their trade.

Police and security-systems experts say burglars using electronic "code grabbers" can record and play back the signal from an automatic garage-door opener from hundreds of feet away.

When Boyle left his house and activated his garage-door opener, a thief with a "code grabber" was able to re-transmit the signal and open the door. He walked in and walked off with no telltale signs of breaking and entering.

"It's like having a key to your house," said Mark O'Keefe, a salesman at Street Smart Security in La Mesa, a San Diego Suburb.

His colleague, Michael Lamb, markets a device called a "Code Rotator" to combat the thievery trend. Each time the remote control is pressed, the code rotates to a new one, rendering a "code grabber" useless.

A state law passed last year making it a misdemeanor in California to use a code grabber for illegal activity.

And Rep. Ron Packard, R-Oceanside, has introduced similar legislation at the federal level.

"They don't want another cell phone theft industry," Lamb said, referring to the estimated \$2.5 Billion the cellular-phone industry loses each year to electronic rip-offs.

Lamb's Familiarity with the code grabber, which has surfaced in the past year, has made him an expert among law-enforcement officials. He has spoken to numerous police departments and FBI officials about the code grabber and given them demonstrations on how it works.

There's a device being manufactured that can comprise your home if you use your garage door opener," said Detective Chuck Nowotny of the Huntington Beach Police Department, president of the Western Association of Police Investigators.

"How many people are using these?" he said " I don't know, I've never caught one."

Lamb bought his, for demonstration purposes, from Kingfish Manufacturing in Long Beach, of a few manufacturers in the country.

Jim Telenko, who owns Kingfish, said he designed the grabber for retailers and manufacturers, not criminals.

He placed an advertisement in a security-system trade magazine to sell them at about \$300 each.

"I imagine thieves would want to buy it a lot like they would want to buy handguns," he said. "But this device is perfectly legal. I designed it for the consumer."

People can make one themselves with parts purchased from an electronics-supply store. For that matter, people don't need to buy a Code Rotator either. They can simply unplug their garage door opener.

But in this age of technology as modern convenience, that is unlikely, Lamb said. "Technology can be bad and good," Lamb said.

" With the grabber, you see the bad side of it."

[Return to Home Page](#)

Code Encryptor Plus

Location of the control module is the most important factor in range and reliability of your Code Encryptor. Select a location that is as centrally located as possible. Keep in mind that your customer will want to control the operation of the garage door from the driveway, and will also expect the use of the remote for On/Off in the area of entry and exit.

If you are using the Code Encryptor to operate the garage door, mount the receiver in the garage and run power. Ground and alarm wires to the panel. You can also mount the receiver at the alarm panel if it is not too far from the garage door. Ideally, the Code Encryptor should be mounted near the entry keypad, which is typically near the entry/exit point of the house. DO NOT MOUNT THE CONTROL MODULE IN THE ALARM PANEL.

Yellow Data Out: Ademco & DSC 550, 1550, 2525, 2550, 3000
Green Data In: Ademco & DSC 550, 1550, 2525, 2550, 3000
Gray (-) Channel 3 Output
Red/White Channel 2 Output (Garage Door Pushbutton)
White Channel 2 Common (Garage Door Pushbutton)
Brown Channel 1 Common (Keyswitch arm/disarm)
Brown/White Channel 1 Output N/O (Keyswitch arm/disarm)
Blue/Green Channel 1 N/C
Red +12VDC
Black (-) Ground
Purple 2VDC LED status output Ademco Vista 5 & DSC 550 only

Button 1 Alarm ON/OFF STAY**
Button 2 Garage Door OPEN/CLOSE
Button 3 PANIC OUTPUT
(Hold for 3 seconds)
**Press and hold for 3 seconds to
activate "STAY" mode for most panels

What Alarm System are You Using?

Choose the security system that the Code Encryptor is to be installed with:

1) Radionics, Caddx, F.B.I.I, DSC 832, Napco, Moose, C & K, and other
alarms that offer a keyswitch Arm/Disarm as a "Zone Definition."

GO TO Page 4

2) Ademco DSC 550, 1550, 2525, 2550, 3000

GO TO Page 6

3) DSC 1575

GO TO Page 5

NOTE: If you are using a Napco, Caddx, FBI, Moose/Sentrol or Apex you should evaluate the CE2Y (Yellow Box) and the CE2R (Red Box) features since they will provide arming in the Away, Stay (Bypass), Disarm and Panic modes using NO ZONES. For more information on these products call (888) 768-2846 toll free Monday-Friday 7:00am- 5:00pm PST.

Installation for Keyswitch Arming

(i.e., Caddx, Radionics, F.B.I.I., DSC 832, Napco, etc.)

Red Aux +

Black Aux -

Brown/White Zone programmed for keyswitch arming

Brown Common adjacent to zone

NOTE: For most Napco panels, you must use Zone 5 as the keyswitch arm/disarm zone.

Connect Red and Black to Aux Negative and Positive.

Connect Brown and White/Brown to the zone programmed for a N/O momentary keyswitch arming. Use the Blue/Green and Brown wires for N/C keyswitch applications.

Installation for Keyswitch Arming on DSC 1575

Red Aux +

Black Aux -

Brown/White Aux +

Brown PGM 2 with 2.2K resistor in series

Programming the DSC 1575

Refer to the DSC 1575 Installation Manual for instructions on programming PGM2 for momentary keyswitch arming.

GO TO PAGE 5 (PROGRAMMING FOR KEYSWITCH ARMING)

Installation for Ademco and DSC 550, 1550, 2525, 2550, 3000

Red Aux +

Black Aux -

Yellow Data Out

Green Data In

Wiring and Auto Recognition

COMPLETE STEPS 1-8

Step 1) Unplug the receiver from the wire harness.

Step 2) Wire the Red, Black, Yellow and Green to the keypad.

RED Connect to Keypad Red or Aux (+)

BLACK Connect to Keypad Black or Aux (-)

GREEN Connect to Keypad Green

YELLOW Connect to Keypad Yellow

NOTE: You can make these connections at the panel or at the keypad itself. If you place the Code Encryptor Plus in the garage or any other location away from the panel you may choose to wire the Code Encryptor Plus directly to the keypad.

Step 3) Make sure the alarm panel is powered up and operating.

Step 4) While watching the LED light on the Control module, plug the receiver into the Code Encryptor Plus harness.

Step 5) The LED will blink 1 time on power up, after 2 seconds COUNT the flashes that you see. The corresponding flashes will indicate which panel the

Code

Encryptor Plus has detected.

Automatic Recognition Continued:

Number of Flashes	Alarm Panel detected by the CE Plus
-------------------	-------------------------------------

1	Relay Mode
---	------------

2	Ademco Non Addressable - Vista 10, 20, 30, 4110, 4120
---	---

3	DSC 1255, 2525, 2550, 3000
---	----------------------------

4	Vista 5
---	---------

5	Ademco Addressable
---	--------------------

Mandatory Programming

Programming a User Code is mandatory when using the Code Encryptor Plus. This gives the Code Encryptor microprocessor a User Code to arm and disarm the panel.

Step 6) Verify that the four-digit code you plan to teach the Code Encryptor Plus is a valid four-digit user code. Example: From the keypad use that four-digit

code to arm the panel. If the panel arms, that is a good code. If it does

not, program that user code into the alarm panel. - The Code Encryptor Plus uses that four-digit code to arm and disarm the panel, thus that code

must be valid.*

Step 7) Press and HOLD the program button on the receiver. The light will come ON and stay ON for three seconds then turn OFF. Once the light turns off, RELEASE the program button, the light will begin to flash rapidly.

Step 8) Using the keypad, slowly and firmly enter the four-digit user code. After the fourth entry the LED will stop flashing. This code has now been entered into the Code Encryptor's non-volatile memory. The Code Encryptor will remember this user code in the event of a power failure.

To

change to a new user code, repeat steps 7 and 8 above.

*NOTE: We recommend using a user code that the customer cannot change. If the user code that is programmed into the CE Module is changed, the Code Encryptor Plus will not disarm the alarm panel.

Mandatory Programming Continued

Press and Release button #1 Alarm "Away"

Press and Release button #1 Alarm "Disarm"

Press and Hold for 3 seconds Alarm "Stay" or "Bypass"

NOTE: The Code Encryptor Plus will arm in the AWAY mode even if you are outside the house. You do not have to arm the alarm before you exit. We do however recommend that you Arm the alarm system within sight of the status LED or keypad to verify that the alarm has received and responded to your remote request.

The Code Encryptor Plus on the following panels self enroll themselves as a specific keypad address code.

o Ademco addressable Address #3

DO NOT USE ANY OF THESE ADDRESS CODES IF YOU ARE USING ONE OF THE ABOVE PANELS.

EXAMPLE: If you are using an Ademco Addressable, no keypads can use address #3 since the CE Plus will automatically enroll itself as address #3.

LED wiring for Ademco Vista 5 and DSC 550 ONLY

Garage Door Interface

All garage doors have a wall mounted push button that activates the door via a two-wire connection. Make your connection at the push button switch or at the garage door motor where these two wires terminate. The Code Encryptor will interface with this connection by attaching the Red/White and White wires from the Code Encryptor to these two wires. If you choose to connect to the motor, trace the wires from the push button to the motor to determine the proper connection point. Most garage doors (except MOM Crusader models) use terminals #1 and #2. For MOM Crusader models, use terminals #2 and #3.

Red/White (Channel 2 Output)

White (Channel 2 Common)

GO TO PAGE 13 (PANIC MODE SETUP)

To Install the Code Encryptor with Panic Mode

- o Select a free hardwired zone and program it for "Panic" audible or silent, whichever you prefer. Programming instructions are found in the "Zone Definition" section of the alarm panel installation instructions.
- o Follow the diagram below for connecting the relay to the zone to trigger a panic mode.

Pressing Button 3 (smallest button) for 3 seconds will cause the relay to energize and trigger the zone

Channel 3 wires offer N/O and N/C contacts.

Utilize the wires to open or close the zone based on your installation.

Optional Panic Mode Set-Up

To install the Code Encryptor with panic mode, select a free zone and program it for Panic. Programming instructions are found in the "Zone Definitions" section of the alarm installation manual. After the alarm panel and Code Encryptor have been powered up, attach the Gray wire to the zone programmed for panic. Pressing Button 3 (smallest button) for 3 Seconds will cause the alarm to panic.

NOTE: If this wire is connected before the Code Encryptor is powered up, a signal may inadvertently be sent to the alarm panel causing triggering the panic mode on the zone you selected.

Example: Zone 6 programmed for Panic.

To Add or Delete Remotes

To add a NEW remote

To add a remote to your Code Encryptor press and release the program button on the receiver. The light on the receiver will come ON. Immediately press Button 1 (largest button) on the new remote control three times. The light on the receiver should go off, indicating the remote has been learned. If the light on the receiver stays ON, the remote has not been learned. Remove and replace the harness, and follow these instructions again.

To DELETE ALL remotes

To delete a lost or stolen remote from the Code Encryptor, you must purge the memory. This will delete all the current remotes in the non-volatile memory. You will then have to add ALL the remotes back into memory. To purge the memory, press and hold the program button, the light will come ON for four seconds, then go Off, and finally it will go ON again, indicating that all the remotes have been purged. Release the program button and follow the instructions above (To Add a New Remote).

Optional Channel 3 Output

Occasionally, you may want to use Channel 3 for control of optional accessories (i.e., Malibu lighting, sprinklers, X-10 automation). The Code Encryptor provides the ability to reconfigure Channel 3 to a variety of popular outputs using the onboard jumpers. Output/jumper configuration is as follows:

Both jumpers in (default) Momentary output

Jumper closest to the harness removed Latching (on/off) output

Jumper farthest from the harness removed 75 second timed output

Both jumpers out 150 second timed output

This output is a 12VDC/500 ma (-) transistor output. In most cases it will be necessary to add a 12VDC relay to this output in order to control high current accessories. Refer to page 17 (CHANNEL 3 RELAY WIRING) for assistance.

NOTE: When using the gray wire with a Powerflash module, it is not necessary to add a

relay. Connect the gray wire to the (-) side of the Powerflash module and provide 12VDC to the (+) side.

Channel 3 Relay Wiring

Typical installation using a relay to switch power on and off to a low voltage accessory.

NOTE: It may be necessary to add a diode across the coil to suppress spikes.

Troubleshooting

- 1) For troubleshooting problems using an alarm panel programmed for keyswitch arm/disarm
GO TO PAGE 19
- 2) For troubleshooting problems using an Ademco 4110, 4120 or Vista 10, 20, 30
GO TO PAGE 20
- 3) For troubleshooting problems using a DSC 1550, 2525, 2550, 3000
GO TO PAGE 21
- 4) For general troubleshooting problems (i.e., remotes, range, etc.)
GO TO PAGE 22

Troubleshooting Problems for Alarm Panels with Keyswitch Arm/Disarm

When I press Button 1,

1. Ensure the alarm panel is programmed for the keyswitch arm/disarm.
2. Ensure the Code Encryptor is connected to the zone you programmed.

3. Ensure the resistor is connected (series or parallel) to the zone.

When I press Button 1,

1. Ensure the Code Encryptor is in the keyswitch mode (GO TO PAGE 4 - I do not hear the relay clicking.
Steps 1 through 6).
2. Ensure the remote is programmed to the Code Encryptor's memory (GO TO PAGE 15).

Troubleshooting Problems for Ademco 4110, 4120 and Vista 10, 20, 30

When I press Button 1,

1. Ensure the alarm panel is programmed for I hear the relay clicking Ademco but nothing happens.
alarm (GO TO PAGE 6).but nothing happens.

The Code Encryptor is

1. Ensure you have completed the mandatory User Code programming.
programmed for Ademco,
2. Ensure the User Code you entered is a VALID User Code.
but does not arm/disarm.

Troubleshooting Problems for DSC 1550, 2525, 2550, 3000

When I press Button 1,

1. The Code Encryptor is not programmed for DSC alarm panel (GO TO 6).
I hear the relay clicking
but nothing happens.

The Code Encryptor will

1. Ensure you enter the User Code slowly and firmly.
not learn the User Code

from the keypad.

2. Ensure the green and yellow wires are connected properly.

The Code Encryptor is

1. Ensure you have completed the mandatory User Code programming (GO programmed for DSC,

TO PAGE 9).

but does not arm/disarm.

2. Ensure the User Code you entered is a VALID User Code.

3. If you are using a DSC 1575 or Power 832, refer to programming for alarms using keyswitch arm/disarm (GO TO PAGE 4).

Troubleshooting for General Problems

Code Encryptor does not

1. Check power and ground.

seem to do anything when

2. Verify the remote is learned into the Code

I press any remote button.

Encryptor's

memory (GO TO PAGE 15).

3. Ensure that the remote battery is good.

The Code Encryptor arms

1. Ensure you are holding Button 3 for approximately three seconds.

the alarm panel, but does

not panic.

I can't seem to add more

1. Delete all remotes from memory and add remotes back in one at

remotes to the Codea time

(GO TO PAGE

15).

Encryptor.

The remote does not seem

1. Ensure the Code Encryptor is mounted as high as possible.

to get very good range.

2. Do not mount the

Code Encryptor inside the metal alarm panel enclosure.

3. Extended the antenna, in a straight line, to the highest possible position. Do not coil or bundle the antenna.

Specifications

RECEIVER

o 12VDC Power Input

o Channels 1 and 2 relays onboard (2 Amp)

o Channel 3 Selectable Output: 12VDC 500 ma (-) transistor output. This output can be reconfigured from a pulsed output to a latching, 75 second timed or 150 second timed output.

Frequency: 303 Mhz Stand by Power Consumption: 20 ma

Temperature Range: -5 F to 160 F Indoor use only.

REMOTE CONTROL

Battery: 12VDC Mini (Part #GP23A) Range: 100-150+ feet

Replace battery at least once a year.

CHANNEL 3 OUTPUT

Both jumpers in (default) Momentary output

Jumper closest to the harness removed Latching (on/off) output
Jumper farthest from the harness removed 75 second timed output
Both jumpers out 150 second timed output

Street Smart Technical can be reached:

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[Return to home page](#)