



**1** Unpack box and make sure you have all items shown here. (Screwdriver not shown.)

Edge Unit  
(HID version shown)

12-V AC/DC Adapter  
(PS-12DC1)

Key

Carriage Bolt  
(4x)

Hex Nut  
(4x)

**2** Unlock and open front panel of unit for mounting, wiring, and setup.

**3** Mount unit to pedestal using included mounting hardware. (This step may be completed later.)

**! WARNING !**

**AUTOMATIC GATES CAN CAUSE SERIOUS INJURY OR DEATH!**

**ALWAYS CHECK THAT THE GATE PATH IS CLEAR BEFORE OPERATING!**

**REVERSING OR OTHER SAFETY DEVICES SHOULD ALWAYS BE USED!**

**! CAUTION !**

Use all four carriage bolts when mounting the unit to a pedestal.

Leave the antenna in place.

Seal all openings created in the enclosure.

**Failure to follow these instructions can damage the unit and/or cause it not to function correctly!**

### What's what?

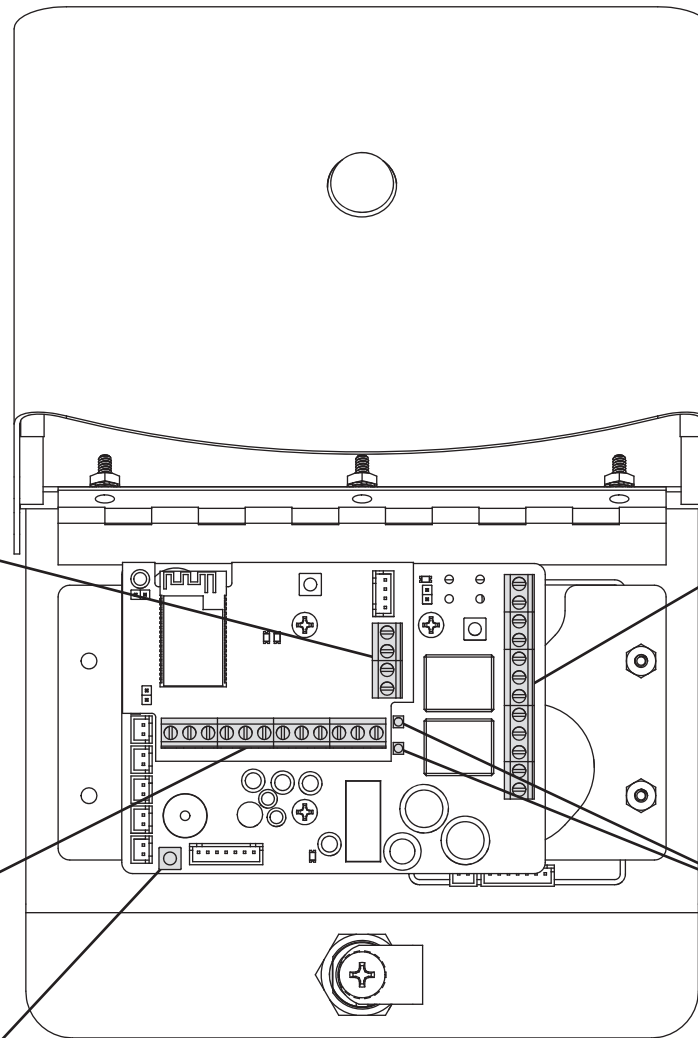
All important components labeled

Unit shown with front panel open.  
Wiring/cabling not shown for clarity.

**Digital Input Terminals**  
For connecting various accessories  
See Page 5

**Wiegand Terminals**  
For wiring to Wiegand devices  
See Page 6

**Reset Button**  
For performing unit reset



**Power, Relay, Event Terminals**  
For wiring to power, wiring to gate operator or door opener, and connecting request-to-exit devices  
See Pages 3 and 5

**Relay Status LEDs**  
Relay is active when lit

## 4

### Connect wires.

Feed wires through back of unit, and connect as shown using included screwdriver.

Excessive force can damage unit!

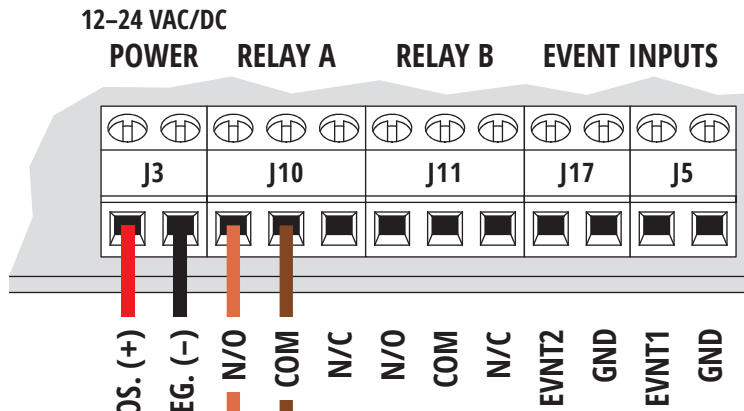
Additional wiring diagrams can be found on **Pages 5 and 6.**

### CAUTION

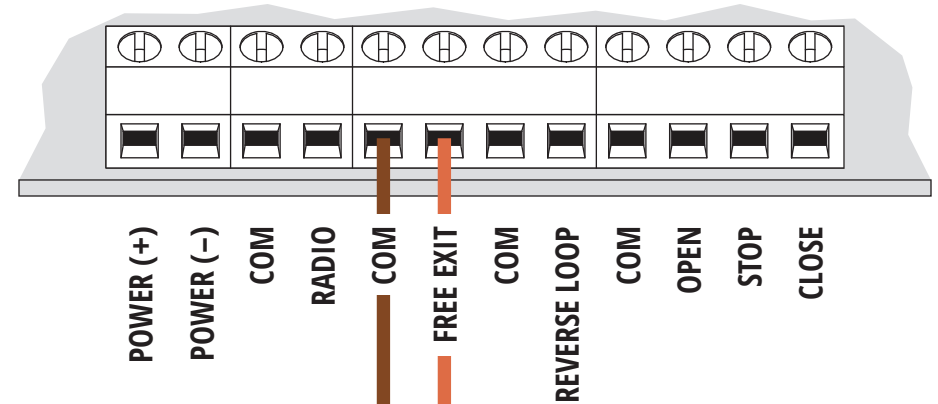
If the included 12-V AC/DC adapter will not be used, please go to **Page 4** and follow the procedure, **Using a Third-Party Power Source.**

**Do not exceed 24 VAC/DC! Failure to choose a compatible power source can damage the unit!**

### Edge Power, Relay, Event Terminals



### Gate Operator / Door Opener

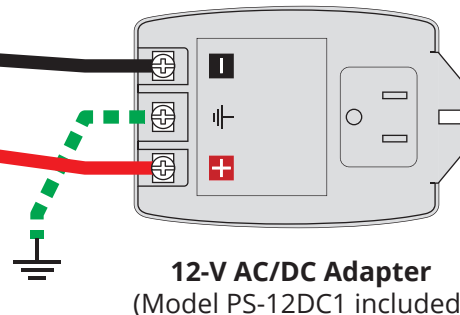


Relay B can be wired to a second device in the same manner.

Third-Party 12-24-VAC/DC Power Source

OR

The GROUND terminal is optional unless required by local code(s). If using, please connect to earth ground or equivalent.



Consult gate/door opener manual for exact connections. Terminals vary widely across manufacturers and models.

If plugging into duplex outlet, remove screw from outlet plate, and secure with included screw.

## Using a Third-Party Power Source (Optional)

### IMPORTANT

If you would like to use a third-party power source such as solar, verify that it conforms to the following specs:

<b>Input</b>	12-24 VAC/DC no more than 10% beyond this range
<b>Current Draw</b>	less than 111 mA @ 12 VDC less than 60 mA @ 24 VDC

**4a**

Connect wires to unit as shown in Step 4.

**4b**

Connect wires to your power source, making sure you connect positive to positive and negative to negative.

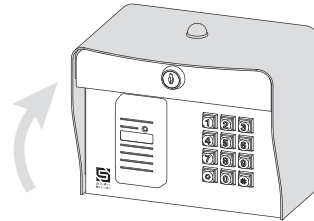
### CAUTION

Double check that you have wired from positive on the Edge unit to positive on your power source and negative on the Edge unit to negative on your power source.

**Reverse polarity can damage the unit!**

**5**

Close front panel of unit and lock it.



### STOP

**Before going forward, double check all wiring and make sure the unit has power!**

Wiring diagrams for connecting to accessory devices can be found on **Pages 5 and 6**.

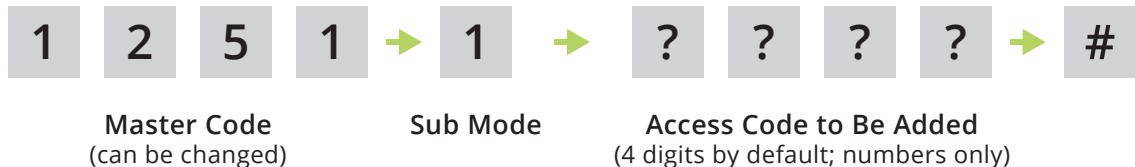
For connecting accessories not mentioned, please contact **Technical Support**.

**Make sure the gate or door path is clear before completing Step 7!**

**6**

Add Access Code to Relay A.

(To add multiple codes, enter each of them before pressing pound key.)



**NOTE:** The green arrow indicates a “good” tone sounding on the unit. An incorrect entry will sound a “bad” tone. The Master Code is for programming only and will not trigger the relay.

**7**

Make sure gate or door path is clear; then enter access code on keypad, and confirm gate or door opens.



## INSTALLATION COMPLETE!

Jump to **Page 7** to continue programming and download the Edge Smart Keypad app.

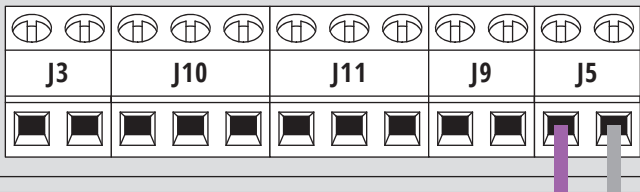
## A Event Inputs

Wiring for accessories such as a request-to-exit device

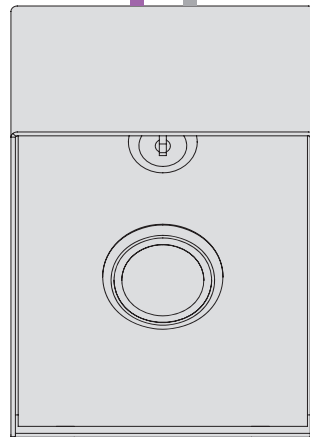
### Edge Power, Relay, Event Terminals

12-24 VAC/DC

POWER RELAY A RELAY B EVENT INPUTS



POS. (+)  
NEG. (-)  
N/O  
COM  
N/C  
N/O  
COM  
N/C  
EVENT2  
GND  
EVENT1  
GND



**Request-to-Exit Device**  
(58-RTE-P is shown)

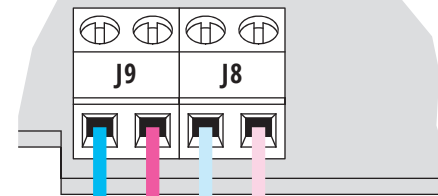
Event Input configuration instructions can be found on **Pages 11 and 12**.

## B Digital Inputs

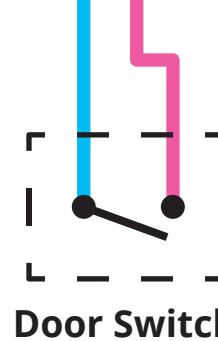
Wiring to various accessories

### Edge Digital Input Terminals

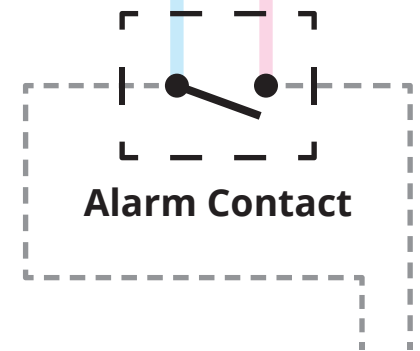
DIGITAL INPUTS



#1  
GND  
#2  
GND



**Door Switch**



**Alarm Contact**

To Alarm System

Digital Inputs can be configured using the Edge Smart Keypad app.

### C

## Wiegand Device

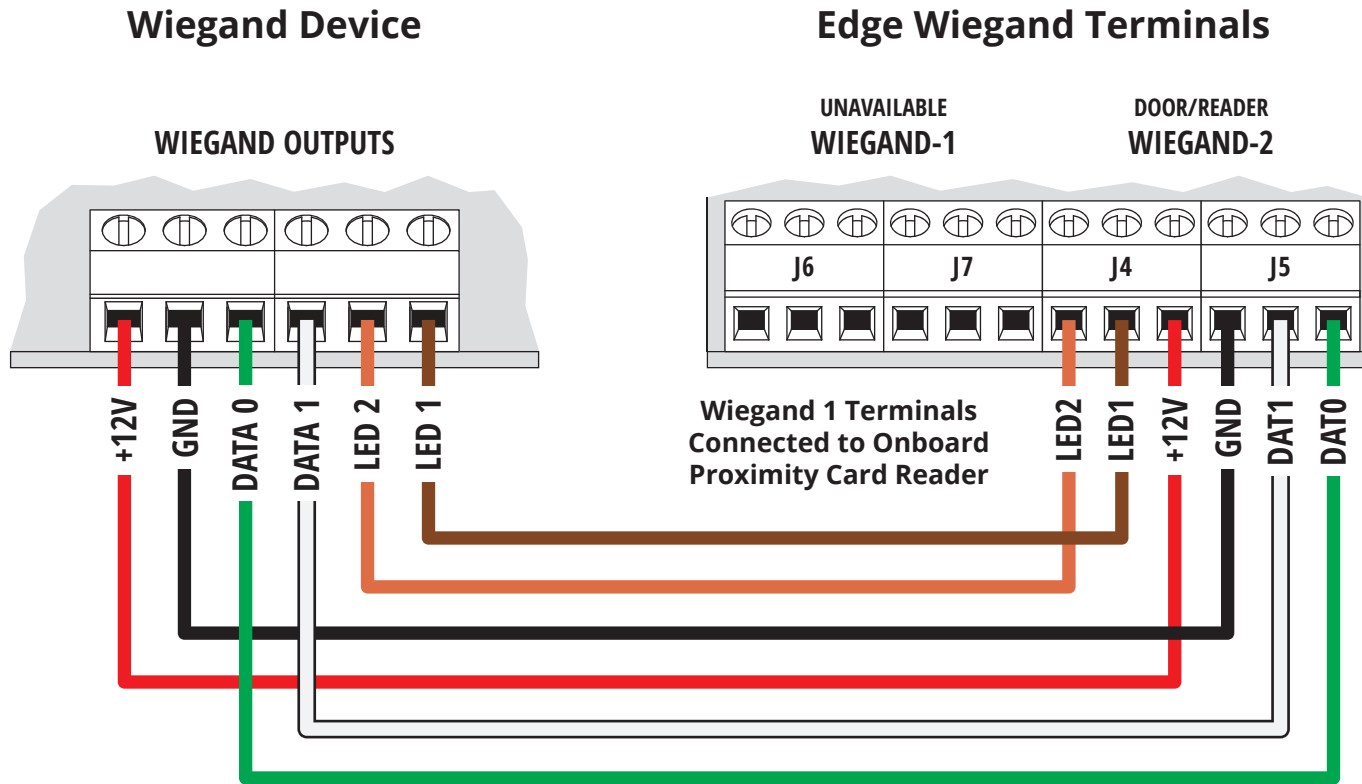
Wiring for a Wiegand device

Wiegand configuration instructions can be found on **Pages 13 and 14**.

**⚠ CAUTION ⚠**

Disconnect power to the Edge unit before connecting Wiegand devices.

**Failure to disconnect power can damage the unit!**



## Downloading the Edge Smart Keypad App for iOS/Android



The Edge Smart Keypad app is for **ADMINISTRATOR USE ONLY** and is not intended for users.

**a**

Grab your smartphone or tablet. (These steps are optional. Unit can be fully programmed from keypad.)

**b**

Navigate to your app store, and search for "edge smart keypad."

**c**

Find the Edge Smart Keypad app by Security Brands, Inc. and download it.



Edge Smart Keypad  
Security Brands, Inc.



## NEED HELP



You can find plenty of useful resources online to help you get your new Edge unit up and running quickly and easily.

Go to [securitybrandsinc.com/edge/](https://securitybrandsinc.com/edge/)

If you need further assistance, please call Technical Support at **(972) 474-6390**.

**D**

## Pairing Edge Unit

Connecting your mobile device to your Edge unit for use with app

**ⓘ IMPORTANT!** Make sure your Edge unit is powered on and that Bluetooth is enabled on your mobile device or pairing will not work.

**Step 1 - Grab your mobile device and open the Edge Smart Keypad app.**

If you do not have the app, follow the steps on this page for downloading it.

**Step 2 - Fill out your account information and tap the "Sign Up" button.**

If you have already created an account, you will log in instead.

**Step 3 - On the Paired Keypads screen, tap the "Add Keypad" button.**

**Step 4 - On the Add Keypad screen, tap the Edge unit you want to pair.**

If you do not see any Edge units listed, make sure your Edge unit has power and is in Bluetooth range.

**Step 5 - Complete the procedure shown on your mobile device.**

These steps will be completed using the keypad on your Edge unit.

**Step 6 - Enter the Master Code (default is 1251) on your mobile device.**

**Step 7 - Enter the code shown on your mobile device at the Edge unit.**

This step must be completed within the time duration displayed.

**Step 8 - Change your Master Code if you like.**

This step is recommended, but optional, and can be done at a later time.

Your new Edge unit is now be paired and will appear on the Paired Keypads screen. Tapping on the Edge unit on this screen will give you access to relay control and full access control management of the Edge unit from within the app.

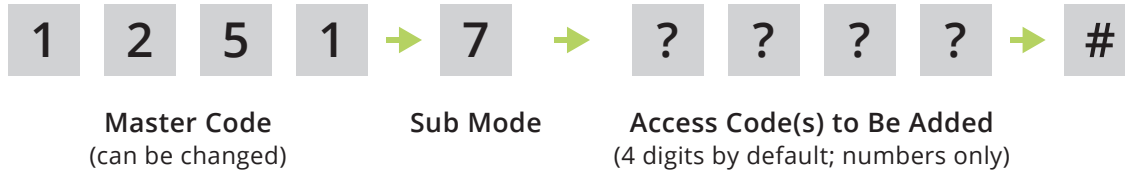


For more information and guidance, please go to [securitybrandsinc.com/edge/](https://securitybrandsinc.com/edge/) or call Technical Support at **(972) 474-6390** for assistance.

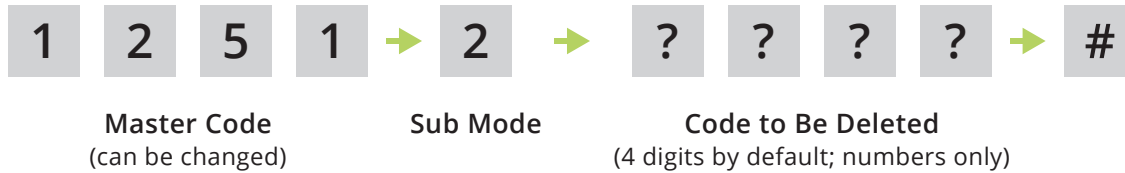
### E1 Programming at Edge Unit

#### Add Access Code(s) to Relay B

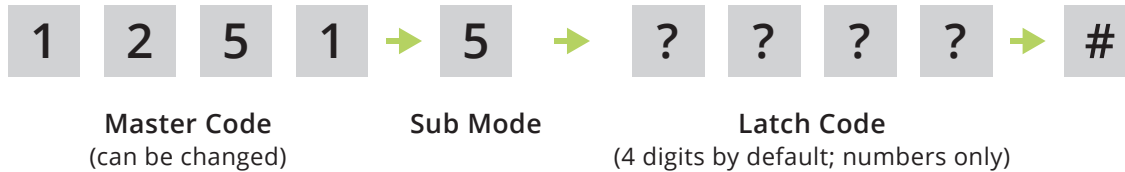
(To add multiple codes, enter each of them before pressing pound key)



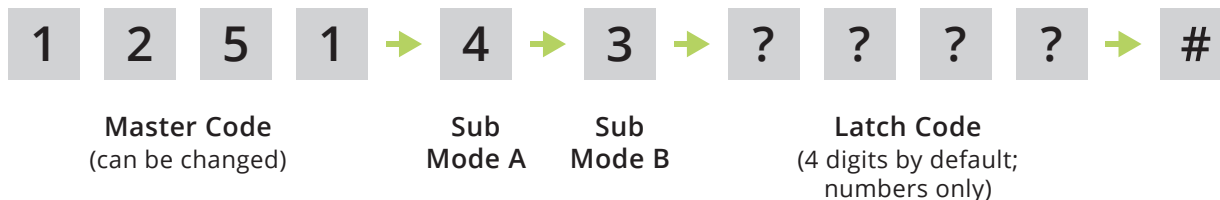
#### Delete Code (Non-Wiegand)



#### Add Latch Code to Relay A



#### Add Latch Code to Relay B



Green arrow indicates “good” tone on keypad. Always wait for good tone before moving on.

#### Programming Sub Modes

- 1 Add Access Code(s) to Relay A
- 2 Delete Code (Non-Wiegand)
- 3 Change Master Code
- 4 - 3 Add Latch Code to Relay B
- 4 - 4 Change Sleep Code
- 4 - 5 Change Code Length (Non-Wiegand)
- 4 - 6 Change Relay Trigger Time
- 4 - 7 Enable/Disable Timers and Schedules
- 4 - 8 Enable/Disable “3 Strikes, You’re Out”
- 4 - 9 Configure Event Input 1
- 5 Add Latch Code to Relay A
- 6 Program Wiegand Inputs
- 7 Add Access Code(s) to Relay B
- 8 Add Limited-Use Code
- 0 Delete All Codes and Timers

#### Things to Know

##### The Star Key (\*)

If a mistake is made, pressing the star key deletes your entry. Two beeps will sound.

##### The Pound Key (#)

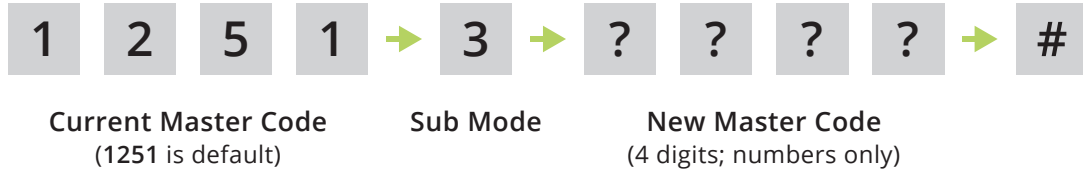
The pound key is good for one thing and one thing only: exiting programming mode.



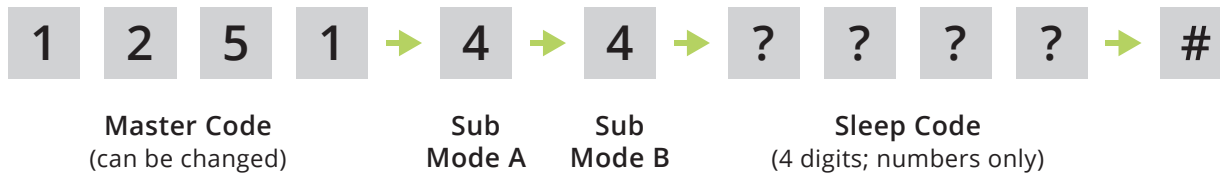
## E2 Programming at Edge Unit (continued)

Green arrow indicates "good" tone on keypad. Always wait for good tone before moving on.

### Change Master Code

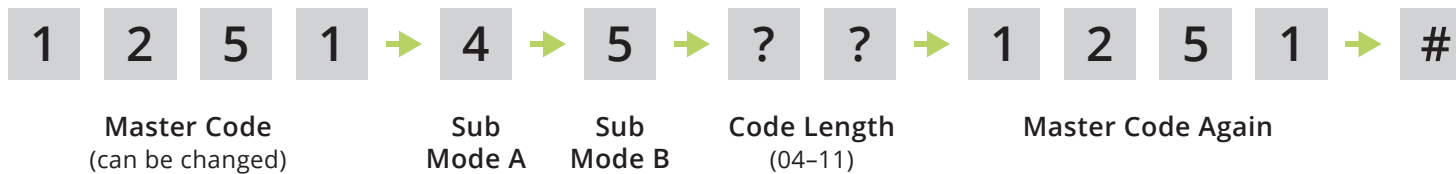


### Change Sleep Code



### Change Code Length (Non-Wiegand)

**ⓘ IMPORTANT!** This procedure WILL DELETE ALL STORED ACCESS AND LATCH CODES!



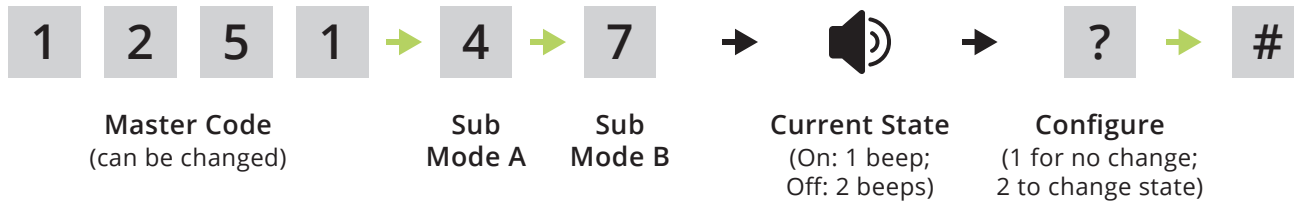
### Change Relay Trigger Time



**E3** Programming at Edge Unit (continued)

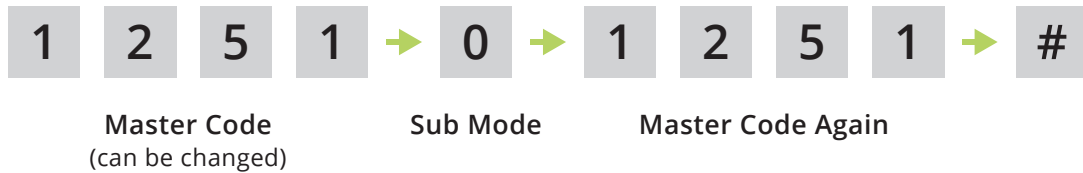
Green arrow indicates "good" tone on keypad. Always wait for good tone before moving on.

**Enable/Disable Timers and Schedules**



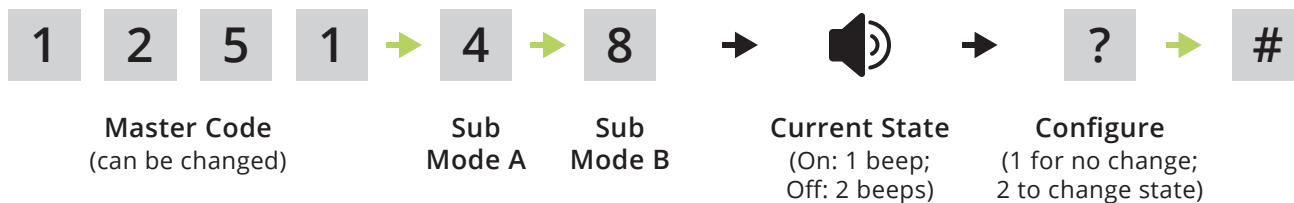
**Delete All Codes and Timers**

**⚠ IMPORTANT! THIS WILL DELETE ALL STORED CODES AND TIMERS!**



**Enable/Disable "3 Strikes, You're Out"**

(This feature is designed to deter unauthorized users who enter an incorrect code three times in a row. When an incorrect code is entered three times, the unit will sound an alarm and go into a period of lockdown for 90 seconds.)

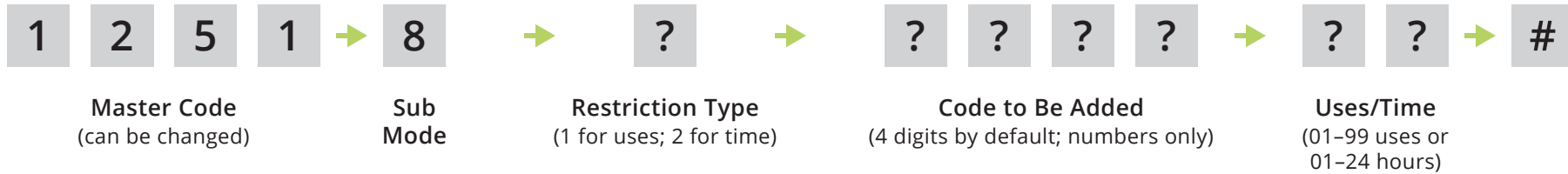


## E4 Programming at Edge Unit (continued)

Green arrow indicates "good" tone on keypad. Always wait for good tone before moving on.

### Add Limited-Use Code

(Access codes can be given a use or time restriction. For more advanced time restrictions, use the Edge Smart Keypad app.)



### Configure Event Input 1

(Allows an external device to affect keypad operation or trigger a relay. To configure additional inputs, use the Edge Smart Keypad app.)

#### Mode 1 - Remote Open Mode

Triggers either Relay A or Relay B when event input state changes from normally open (N/O) to normally closed (N/C).

#### Mode 2 - Log Mode

Makes log entry of event input state when event input state changes from normally open (N/O) to normally closed (N/C).

#### Mode 3 - Remote Open and Log Mode

Combines Modes 1 and 2.

#### Mode 4 - Arming Circuit Mode

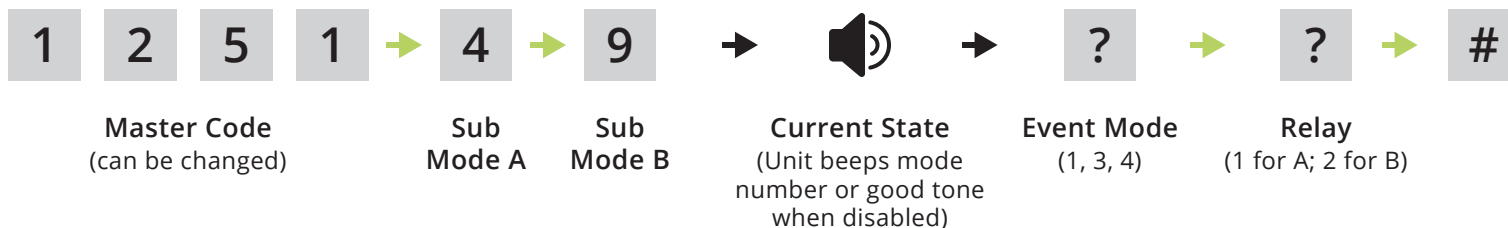
Enables either Relay A or Relay B when event input state changes from normally open (N/O) to normally closed (N/C). Otherwise, selected relay is disabled.

#### Mode 5 - Remote Operation Mode

Triggers or latches either Relay A or Relay B when event input state changes from normally closed (N/C) to normally open (N/O).

#### Mode 0 - Event Input 1 Disabled

### Modes 1, 3, and 4



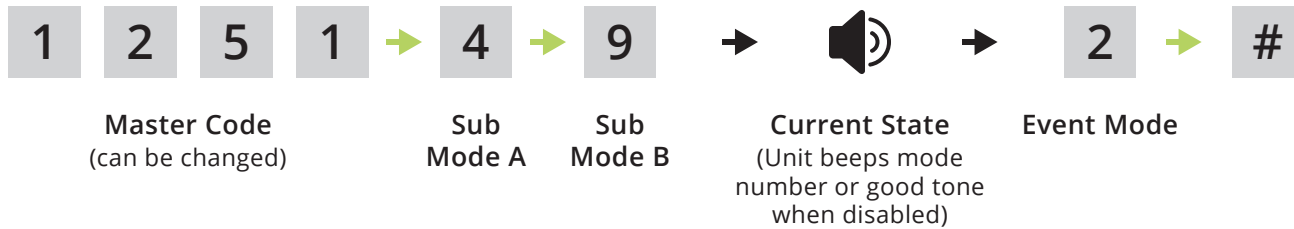
**E5** Programming at Edge Unit (continued)

Green arrow indicates "good" tone on keypad.  
Always wait for good tone before moving on.

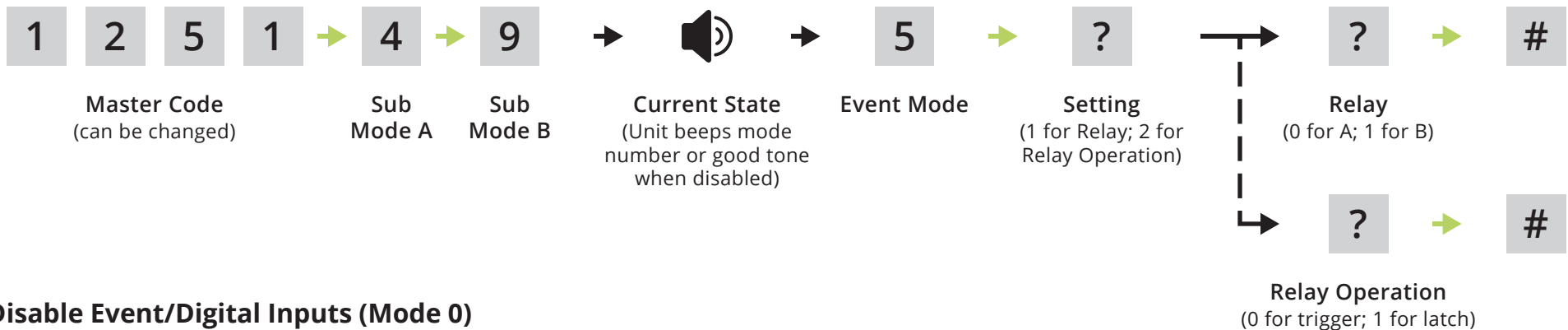
**Configure Event Input 1**

(Allows an external device to affect keypad operation or trigger a relay. To configure additional inputs, use the Edge Smart Keypad app.)

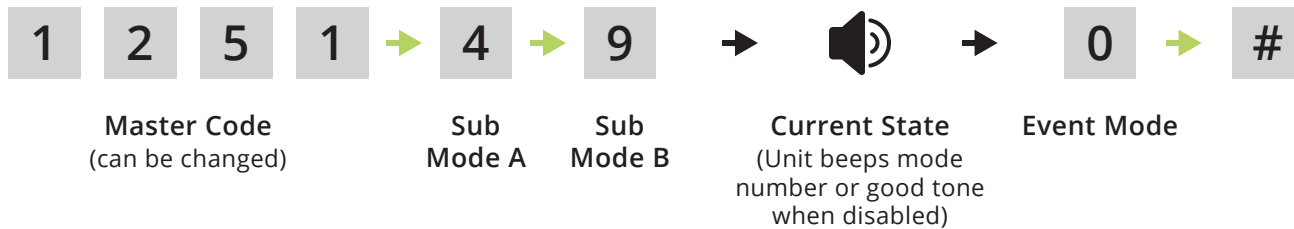
**Mode 2**



**Mode 5**



**Disable Event/Digital Inputs (Mode 0)**





### E6

## Programming at Edge Unit (continued)

Green arrow indicates "good" tone on keypad. Always wait for good tone before moving on.

### Configure Wiegand Input

(Allows enabling or disabling of a Wiegand input and configuration of the Wiegand device type. For the tag reader type, use the Edge Smart Keypad app.)



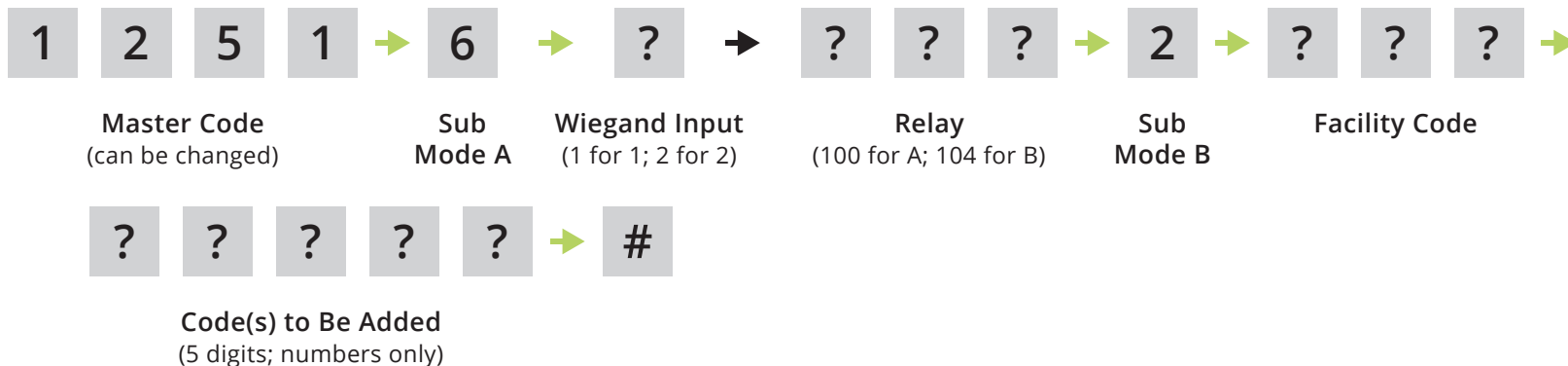
### Add Wiegand Keypad Code(s)

(To add multiple codes, enter each of them before pressing pound key)



### Add Wiegand Card/Remote/Vehicle Tag Code(s)

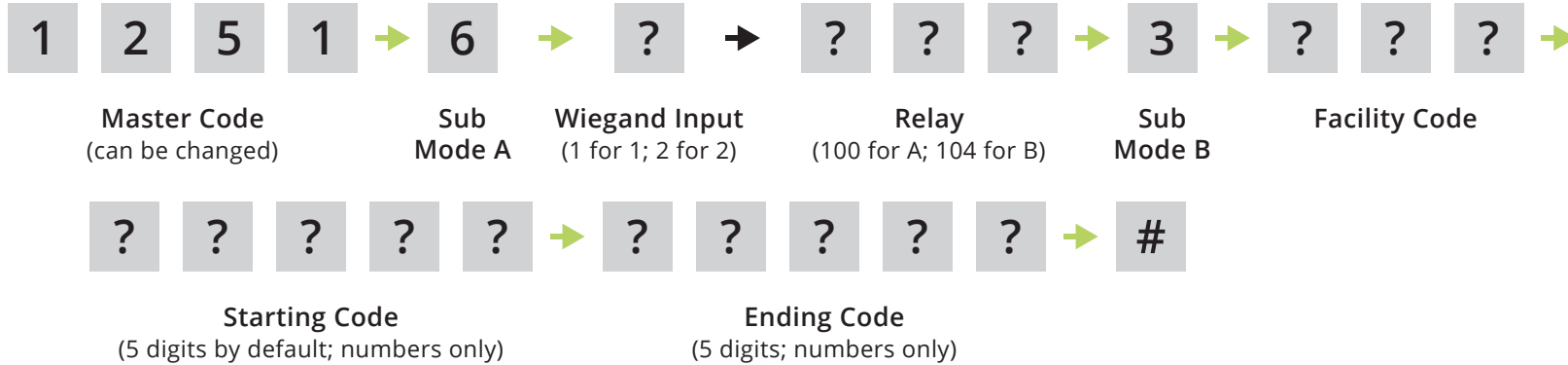
(To add multiple codes, enter each of them before pressing pound key)



**E7** Programming at Edge Unit (continued)

Green arrow indicates "good" tone on keypad. Always wait for good tone before moving on.

**Bulk Add Wiegand Card/Remote/Vehicle Tag Code(s)**



**i** **ADDITIONAL RESOURCES** **i**

For all programming not shown here as well as reset procedures and the Edge Smart Keypad app user guide, please visit our Edge start page:

**[securitybrandsinc.com/edge/](https://securitybrandsinc.com/edge/)**

**NEED HELP**

Call (972) 474-6390  
Email [techsupport@securitybrandsinc.com](mailto:techsupport@securitybrandsinc.com)  
We are available **Mon-Fri / 8am-5pm Central**

