



## Model 1509 Keypad Installation and Programming Guide

The model 1509 is a basic keypad that installs in a single-gang electrical box and is designed for indoor applications only. This keypad will store a single four-digit entry code, a single four-digit "hold" code and has a programmable relay strike time from ½ to 99 seconds.

The 1509 operates on 12-24 volt AC or DC power and draws 10 ma under standby conditions and 50 ma when the relay is activated. The relay contacts are rated for 24 volt AC or DC, 1 amp maximum.

### WIRING

RED:	Input power 12-24 volt AC, 12-24 volt DC Positive
WHITE:	Input power 12-24 volt AC, 12-24 volt DC Negative
BROWN:	Relay Common
YELLOW:	Relay Normally Closed (N.C.)
ORANGE:	Relay Normally Open (N.O.)

### INSTALLATION

The 1509 mounts into a single-gang electrical box. Use two 6-32 screws to mount the keypad into the box.

### PROGRAMMING

#### MASTER CODE

1. Press the master code button on the back of the circuit board.
2. Enter a four-digit code.
3. Press \* (beep).

#### RELAY STRIKE TIME

1. Press \* 3 and the four-digit master code (beep).
2. Enter a two-digit number (00-99) for relay activation in seconds, then press \* (beep).  
Note: entering 00 programs the relay for ½ second.
3. Press 0 # together to end the programming (beeeeeep).

#### BEEPER LOUDNESS

1. Press \* 1 and the master code – beeper will sound.
2. Press 1 or 2 for the desired loudness.
3. Press 0 # together to lock in the setting and end the programming session.

#### 4-DIGIT ENTRY CODE

1. Press \* 6 and the four-digit master code (beep).
2. Enter a four-digit entry code then press \* (beep).
3. Press 0 # together to end the programming (beeeeeep).

#### 4-DIGIT HOLD CODE

1. Press \* 7 and the four-digit master code (beep).
2. Enter a four-digit hold code then press \* (beep).
3. Press 0 # together to end the programming (beeeeeep).

### **OPERATION**

#### ENTRY CODE

1. Press # and then the programmed four-digit entry code.
2. The relay will activate and the beeper will sound for the programmed strike time.

#### HOLD CODE

1. Press # and then the programmed four-digit hold code.
2. The relay will activate and remain activated.
3. Press # and then the four-digit hold code (or the four-digit entry code) to deactivate the relay.