



Vandal Resistant Piezo Keypads
Models CM-626S, CM-626M, CM-634
Installation Instructions

Mounting

Drill mounting holes using template provided
Connect keypad using wiring


WIRING DESCRIPTION

BLUE / BROWN	12V AC/DC up to 24V DC Power Supply (BROWN is Positive for DC)
BLACK	Common
RED	N.O.
YELLOW	N.C.
WHITE / ORANGE	Interior switch input (Dry contact only!)
GREEN	Earth

} Form C ; Contacts rated 2 Amps maximum

 **NOTE:**

For inductive loads such as electric strikes and electromagnetic locks, the enclosed **varistor** must be connected in parallel with the load, at the load terminals and not in the keypad.
Ensure power supply is of correct rating, taking into account the current requirements of the locking items and accessories.

 Do not insert security plugs into fixing holes until all installation and testing has been completed. These items require drilling out and cannot be re-fitted.

LED explanation

GREEN LED:	<u>Relay activated</u>
RED LED	Normal Operation: 3 sec. ON = Wrong Code Entry
	<u>Slow flashing = Wrong code entry 3 times</u>
	Programming Mode: Fast flashing = Programming different functions
	Slow flashing = programming stand-by
	Very Fast flashing = Erasing All user codes

 **NOTE:**

The interior switch input is via a dry contact between the White & Orange wires.
The door strike will activate for the time the programmed into the system. This input is disabled during programming and latch mode.

TESTING THE UNIT

Apply power to the keypad

*The keypad's buzzer will sound briefly, the red LED will illuminate briefly
Initialisation is now complete, with a default master code of 1-2-3-4 and a 5-second open door.*

Enter the master code: [1 2 3 4 #]

The Door Relay changes its contacts for 5 sec. The Green LED will light up for 5 sec.

Repeat this step 2, or 3 times.

If the master code is entered incorrectly, the Red LED illuminates for 3 seconds.

Re-enter the Code as soon as the Red LED goes OFF.

IMPORTANT: IT IS WISE TO CHANGE THE FACTORY SET MASTER CODE.

There is no way to recover the new Master Code if it is lost or forgotten, however the unit can be reset to Factory Presets and re-programmed again.

PROGRAMMING THE KEYPAD

 Enter ★★1 2 3 4 ★★

The keypad enters programming mode, the red LED flashes



*If no further information is added, the unit will revert to normal operation after a 15-second delay.
To exit programming press #.*

There are six programming options:

1. Set new master code
2. Set new user code
3. Erase a user code
4. Erase all user codes
5. Set door open time (1-99seconds)
6. Set output to latch option

1 To set new master code

 Enter ★★1 2 3 4 ★★

The keypad enters programming mode, the red LED flashes

Enter 2

The red LED illuminates for 2 seconds and then flashes

Enter 0-0-0 #

The red LED illuminates for 2 seconds and then flashes

Enter new 4-8 digit code

This is the new master code. Record the number and keep in a secure location.

Enter #

The red LED illuminates for 2 seconds and then flashes

Re-enter the new master code

The red LED illuminates for 2 seconds and then flashes

Enter #

Enter #

To exit programming mode



EG To set a new master code of 112233

Enter ★★master code★★2 000# 112233# 112233# #

2 To set a new user code

 Enter ★★master code★★

The keypad enters programming mode, the red LED flashes

Enter 2

The red LED illuminates for 2 seconds and then flashes

Enter address of new user code

i.e. 001 (001-200 accepted)

Enter #

The red LED illuminates for 2 seconds and then flashes

Enter new 4-8 digit user code

This is the new master code. Record the number and keep in a secure location.

Enter #

The red LED illuminates for 2 seconds and then flashes

Re-enter the new 4-8 digit user code

The red LED illuminates for 2 seconds and then flashes

Enter #

The new code is added. To add new codes continue from second step, changing the address each time. When finished enter an additional # to exit programming mode.

Re-Enter 2 to set the next code, or

Press # to **EXIT**



EG To set a new user code of 6626 in address 1

Enter ★★master code★★2 001# 6626# 6626# #



EG To set a new user code of 6626 in address 1, & 7788 in address 2

Enter ★★master code★★2 001# 6626# 6626# 2 002# 7788# 7788# #

3 To remove an individual user code



Only the user codes addresses are removable, the master code may be changed but not removed

 Enter ★★master code★★

The keypad enters programming mode, the red LED flashes

Enter 3

The red LED illuminates for 2 seconds and then flashes

Enter user code to be removed

xxxxxx

Enter #

The Red LED illuminates for 2 seconds, then flashes.

Enter #

The code is removed.

Re-Enter 3 to remove next code, or

Press # to **EXIT**

4 To remove all user codes



Enter ★★master code★★
Enter 4
Enter master code
Enter #

Enter #

*The keypad enters programming mode, the red LED flashes
The red LED illuminates for 2 seconds and then flashes

The red LED illuminates for 2 seconds and then flashes 40
seconds. All code addresses are removed
to exit programming*

5 To set door open time



Enter ★★master code★★
Enter 1
Enter door open time
Enter #
Enter #

*The keypad enters programming mode, the red LED flashes
The red LED illuminates for 2 seconds and then flashes
(01-99) Ex. 05 = 5 seconds
The red LED illuminates for 2 seconds and then flashes
to exit programming*



EG

To set the door open time to 10 seconds
Enter ★★master code★★1 10 # #

6 To set output relay to latching mode (On-Off)



Enter ★★master code★★
Enter 1
Enter 00
Enter #
Enter #

*The keypad enters programming mode, the red LED flashes
The red LED illuminates for 2 seconds and then flashes

The red LED illuminates for 2 seconds and then flashes
The relay is set to latching mode*

TO PROGRAM THE RELAY FOR A TIMED OUTPUT, PLEASE REFER TO PROGRAMMING OPTION 5.

Operating the keypad



Enter user code #

The relay operates and green LED illuminates



NB

If three incorrect attempts are made to enter a user code, the keypad will lock out for thirty seconds

Data reset

In the event that programming administration is lost, or errors have been made in the programming, it is possible to erase all programming and set the keypad back to the following default settings:

Master code 1-2-3-4
User code 5-6-7-8-9-0
Door open time 5 sec



NB

If the unit has been installed, removing keypad requires drilling out (destroying) the anti-tamper plugs.



Remove anti tamper plugs and the keypad from the wall



Press the reset button on the rear of the keypad

The red LED illuminates for 2 seconds and then flashes

Enter 1-2-3-4 #

The red LED illuminates for 2 seconds and a continuous tone is heard.

Press the reset button on the rear of the keypad

Enter #

The red LED illuminates for 2 seconds and then flashes

Enter #

The relay is set to open the door for 5 sec

Master code 1-2-3-4

User code 5-6-7-8-9-0

For greater security, you should remove user code 5-6-7-8-9-0

TROUBLE SHOOTING

The keypad does not “respond” when activating the keys.

1. Make sure the electronic unit has been properly wired to the correct power source, and the power has not been cut-off.

The keypad “responds” but the door does not open.

1. Is the green LED illuminated?
2. A. If YES, check the output wiring integrity and/or your locking device.
B. If NO, then that User Code has not been programmed into the keypad. Enter the User Code as per programming option 2.
3. Test the new User Code. The lock/door should now open correctly.

5-YEAR WARRANTY

Your Piezo keypad is covered for all problems caused by defects in programming, parts, or manufacturing for the lifetime of the product. *We will repair or replace, at our discretion, any unit found to be defective in workmanship or materials.* Acts of God (including inductive surge by lightning), fire, flood, abuse, misuse, abnormal usage, vandalism, caustic environment faulty installation, inappropriate application, or improper maintenance are not covered. The warranty is null and void if the supplied MOV is not used as instructed on the strike/magnet circuit. Since the warranty is tied to the serial number, *there can be not warranty on any unit returned with the serial number defaced, removed, transferred, modified, altered, obliterated, or otherwise made unreadable or inaccurate.* *If your unit requires service please contact Camden for an RMA number. Collect shipments are not accepted.*

**Questions?
Call us toll-free at 1-877-226-3369**