

APOLLO Gate Operators, Inc.

#928 Wired Keypad

The #928 Wired Keypad is designed for residential and commercial use. It offers 50-user code capacity, and a true N/O relay output for compatibility with most gate operators. The #928 has an extremely low stand-by current draw, 4 micro-amps, so no additional panels are needed in solar installations. The stainless steel face of the keypad is highly weather and vandal resistant.

Installation:

Insert the key into the keypad and turn to open the front of the unit. There are four wires coming from the electronics of the keypad. The RED goes to 12 volt positive (12V on our circuit board). The BLACK goes to ground (GND on our circuit board). The remaining ORANGE and BROWN wires are the N/O relay contact. On Apollo boards, the BROWN will go to the GND terminal and the ORANGE will go to the INP terminal. On other operators the relay contacts may go to any terminals that are designed for activation of the gate. I.e. The button on the side of the cabinet. Close the door of the keypad and lock it making sure the door closes full and securely.

The #928 keypad comes programmed with 1251 as the Master Code and 1234 as one of the Access Codes. These codes should be changed in order to avoid unauthorized use.

Programming:

Each time a key of the #928 is pressed; a short beep will be heard. (Good Beep) When a valid code is entered, you will hear four good beeps. If an incorrect code is entered, or if more that 15 seconds pass between keystrokes, a long beep will be heard. (Bad Beep)

To access the Programming Mode, enter the present Master Code. The original Master Code is 1251. After entering the Programming Mode, press the corresponding key of the sub-mode you wish to enter and begin programming. Remember that you will have 15 seconds between each time that you press a key before the unit gives a Bad Beep and exits from Program Mode. To exit programming mode, press the # key. If a mistake is made at any time, press the * key to clear.

Sub-Mode #1

Sub-Mode #1 is for entering new Access Codes. First enter Program Mode by pressing the Master Code (1251), then press 1 (sub-mode 1), then begin entering the 4 digit Access Codes. A Good Beep will be heard each time that a valid Access Code is entered. Continue entering Access Codes until all desired codes have been entered. When done, exit Program Mode by pressing #.

(Master Code) + 1 + (Access Code) + (Access Code) etc... (# To Exit)

Sub-Mode #2

Sub-Mode #2 is for deleting Access Codes. First enter Program Mode by pressing the Master Code (1251), then press 2 (sub-mode 2), then begin entering the 4 digit Access Codes that you wish to delete. Continue entering the Access Codes to be deleted. When done, exit Program Mode by pressing #.

(Master Code) + 2 + (Code to be Deleted) + (Code to be Deleted) etc... (# To Exit)

Sub-Mode #3

Sub-Mode #3 is for changing the Master Code. (Highly Recommended) First, access the Programming Mode by entering the current Master Code (1251), then press 3 (sub-mode 3), then enter the NEW Master Code.

(Current Master Code) + 3 + (New Master Code)

You may use any 4-digit code for the Master Code that is already in use by the keypad. After entering the new Master Code the keypad will automatically exit from the Program Mode. If a Good Beep is not heard after entering your new Master Code, a different code must be selected as the one selected is already in use by the system.

Sub-Mode #4

Sub-Mode #4 is for setting the output time of the relay in the keypad. It is not normally necessary to change this setting. If however, the keypad does not transmit long enough to activate the gate the gate you may lengthen this output time. First enter Program Mode by pressing the Master Code (1251), then press 4 (sub-mode 4), then enter the Relay Output Time. The Relay Output Time is a number from 0 to 9. Where 0 = ½ second and 9 = 9 seconds, etc.

(Master Code) + 4 + (Relay Output Time)

Sub-Mode #0

Sub-Mode #0 clears the keypad memory. **!! All Access Codes will be Deleted!!** To delete all of the access codes from memory, enter Program Mode by pressing the Master Code (1251), then press 0 (sub-mode 0), then re-enter the Master Code (1251).

(Master Code) + 0 + (Master Code)

It is usually not necessary to clear the entire memory of the keypad unless codes are forgotten and are occupying memory space. A good record of all access codes will keep this from happening.

Resetting the Master Code:

Should you forget the current Master Code in your keypad, it may be necessary to reset the memory of the keypad back to its factory defaults. To do this, simply disconnect the battery from the keypad for several seconds, and then reconnect it while holding down the PROGRAM/RESET button on the electronics of the keypad. A single beep will be heard from the keypad indicating that the Master Code has returned to **1251**.