

#225 Wired Keypad

The #225 WIRED KEYPAD is designed for residential and light commercial applications. Its rugged design and hard-wired hook-up make it very reliable. The keypad is capable of holding one code four or five digits in length. It is important to leave the lid of the keypad operational since it not only protects the keypad, but it also switches the power of the keypad off and on to conserve the battery power of your gate operator.

INSTALLATION:

STEP 1. Remove the four screws from the face of the keypad and carefully remove the keypad from the housing. Be careful not to damage the rubber gasket between the keypad and housing. Remove any packing material that may be in the housing.

STEP 2. Select a suitable location to mount the housing for the keypad. The #227 gooseneck post or any flat surface that is easily accessible to traffic will do. Do not mount the keypad where it can be operated by reaching through any part of the gate. The mounting tabs may be broken off of the housing, so that the keypad can be mounted through the back of the housing for a more secure installation.

STEP 3. Determine the routing for the cable from the operator control box to the keypad. Cable should be 3 or 4 conductor phone wire or similar and should be encased in conduit unless it is direct burial wire. Drill a hole through the back of the housing to accommodate entry of the cable.

STEP 4. Remove the small circuit board from the back of the keypad by gently rocking it off the connector. Turn the circuit board over and examine the 5 colored wires at the bottom of the circuit board. The keypad is preset to the code "1 2 3 4 5". The length of the code may be changed from 5 digits to 4 digits by moving the blue "no. of digits" jumper from the pins marked "C" and "5" to the pins marked "C" and "4". This will disregard the "E" wire of the coding bank.

STEP 5. Moving the colored jumper wires to different numerical locations changes the keypad code. Keep in mind that each number may only be used once in the code. The wire from "A" is the first number in the code. Remove and replace the other end of this colored wire into the numerical location for the first digit of your code. The wire from "B" is the second digit of your code. Again, remove the other end of this wire and place it in the numerical location for the second digit of your code. Continue moving the jumper wires to determine the rest of the code. The wire from "E" does not need to be removed if you are using a 4 digit code. Reconnect the circuit board to the keypad making sure the pins align correctly with the connectors.

STEP 6. Disconnect power from the operator by unplugging the actuator cable from the main control board. Connect the wires to the keypad as follows:

<u>KEYPAD</u>	<u>633/634 833/834 Control Board</u>
White Wire	GND
Green Wire	INP
Red Wire	12V

STEP 7. Replace the keypad in the housing and secure with the 4 screws removed in STEP 1. Be careful to align the gasket properly to protect the keypad from moisture. Reconnect the actuator cord to the control board. Test the keypad by fully raising the lid of the keypad and firmly pressing your code.