

Keyless Door Lock System with Keypad and LCD and Atmega328

The aim of this project is to make a keyless door lock system which uses a 4X3 keypad to enter the keys and a DC lock (Motor instead is used) to open or close the door. A 16X2 LCD will be used for display.

Whenever the keys are pressed, they are matched with the keys already stored. If the keys that are pressed match the initial password stored in the EEPROM which is '0000', then the lock will open up. If the password does not match, then it will print "access denied" on the LCD. If the '#' key will be pressed, it will ask you to enter the current password and if it matches, then it will ask you to enter the new password and the password will be changed.

