Superior Gate Controls

Gate Access "Just Got Easier"

KP-950 Access Control Keypad with RFID Card Reader

Quick Programming Guide

- **Enter Program Mode (Factory Default is 123456)**

  [*][1][2][3][4][5][6][#]

- **To Exit Program Mode**

  [*]

- **Change Master Code** New 6 Digit Master Code New 6 Digit Code Again

  [*][1][2][3][4][5][6][#][0][ ][ ][ ][ ][ ][ ][#][ ][ ][ ][ ][ ][ ][#]

- **Add a Entry Code** New 4-6 Entry Code

  [*][1][2][3][4][5][6][#][1][ ][ ][ ][ ][ ][ ][#] The Entry Code can be any 4 to 6 digits except 8888 which is reserved

  This device supports 990 common users and 10 visitor users. It supports a combination of users modes to access entry. Entry Code, Card Access, or Card and Entry Code access together.

- **Add a Entry Card**

  [*][1][2][3][4][5][6][#][1] CARD READ [#] You can add cards continuously

- **Delete a Entry Code or Card**

  [*][1][2][3][4][5][6][#][2] CARD READ or Entry Code [#]

- **Delete All User Codes and Cards**

  [*][1][2][3][4][5][6][#][2] MASTER CODE [#] To Exit [*]

- **Add a Visitor Code**

  There are 10 available Visitor Entry Codes. You can set up these with a specific number of times to allow entry up to 10 times of usage, after which the code or card will become invalid automatically. User codes IDs 990-999

  [*][1][2][3][4][5][6][#][1] User ID [#] (0-9) times of usage [#] Entry Code [#] To Exit [*]

- **Set Relay Strike Time**

  [*][1][2][3][4][5][6][#][3] (1-99 seconds) [#] Or Toggle Mode [3][0][#] Factory Relay Time 5 seconds

Introduction & Features

This device is a single gate/door standalone access controller with Weigand input & output. It supports 1,000 users (990 common users and 10 visitor user codes) It supports multi access modes in Card Access, Entry Code Access and Card & Entry Code Access.

Features

- Waterproof, conform to IP66
- Vandal resistant metal enclosure
- One relay holding a 100 user codes
- Entry Code length 4-6 digits
- Card Access
- Pulse mode or Toggle mode
- Weigand 26 bits output, Wiegand 26/34 bits input automatic identification.

Specifications

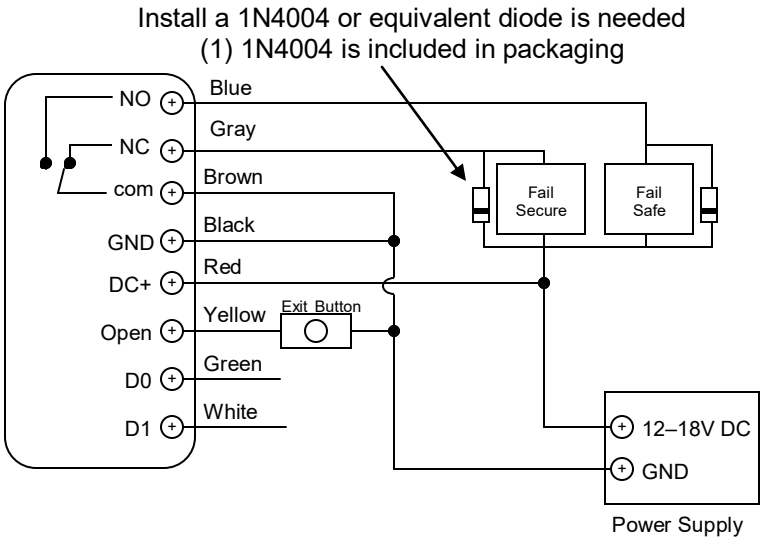
- Operating Voltage 12 - 18V DC Working Current <120mA Idle Currant<50mA
- Wiring Connections Relay Output, Exit Button, Weigand input & output
- EM Proximity Card Reader Radio Technology 125KHz

Manuals Downloads at www.accesssgc.com/manuals or email us at info@sgcaccess.com

Connection Wiring & Diagram

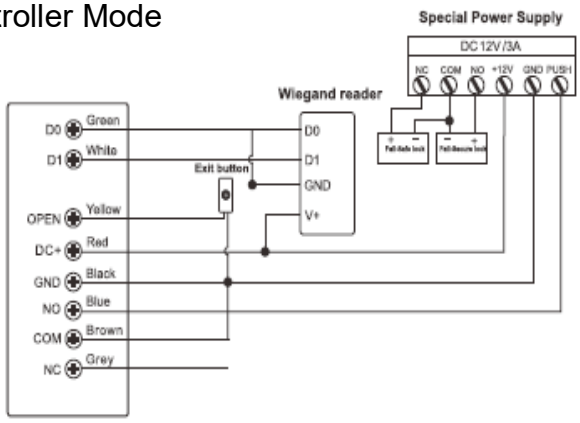
WIRING

Color	Function	Note
Red	POWER	12 - 18V DC
Black	GND	Ground
Blue	NO	Rlay Normally Open
Brown	COM	Common for Relay
Gray	NC	Realy Normally Closed
Yellow	Open	Exit input
Green	D0	Wiegand Data 0
White	D1	Weigand Data 1



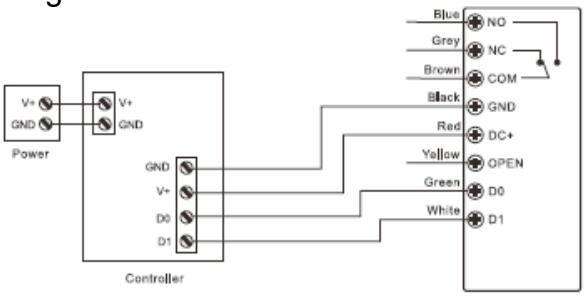
WIEGAND Wiring & Diagram

Controller Mode



The Keypad Operates as a Controller
It supports Wiegand 26/34 bit input, so an external Wiegand device with 26/34 bit output can be connoted to the Wiegand input terminals on the keypad. Either an EM card reader (125KHz) or an Mifare card reader (13.56MHz) can be connected to the keypad. Cards must be added at the external reader, except EM card reader is used, in this case cards can be added at either reader.

Wiegand Mode



In this mode the keypad supports a Wiegand 26 bit outputso the Wiegand data lines can be connected to any controller which supports a Wiegand 26 bit input, and then the keypad will operate as a slave reader.
Keypad Transmission Format
The reader will transmit the code data when it receives the last key # after the code.
Example: code 999999
Press 999999# then the output will be: 00999999

To set Relay TimeTo Reset to Factory Default
Power off, press the exit button, hold it and power up the unit, there will be two beeps, then release the exit button, the LED light turns into yellow, then read any EM 125KHz card, then the LED will turn red, which means its been set back to factory defaults successfully.

Local Dealer