



KEYPAD PROGRAMMING MAKE SIMPLE – For General Users

The DK-2821 has many functions for user's selection. For those general users taking the keypad for door strike only, most of the features can be kept in their Default values. Only the User PINs / Cards and a private Master Code are necessary to program for the system.

The keypad accepts **1) Card only, 2) PIN only, 3) Card + PIN or 4) Card + Common User Code** to operate its outputs.

PROGRAMMING

NOTE: Wait 1 minute until the end of the power up delay.

1) Set System into Programming Mode with The Factory Set Master Code 1234

1 2 3 4 * * ---- 2 beeps, system is in Programming Mode

Note: If the Master Code is forgotten, use the DAP Code to set the system into programming mode. See DAP CODE 8080 on the previous page for the details.

2) Change The Factory Set Master Code to Owner's Private Master Code for Security Reason

0 1 3 2 8 9 # ---- 2 beeps, 3 2 8 9 is a Master Code for example here only

3289 is the new Master Code and the 1234 is erased

3) Record an "EM Card" to Operate The Output 1 for Door Open

1 0 1 0 0 1 READ CARD #

(a) (b) (c) (d) (e)

- (a) 10 = Programming Location for Output 1
- (b) 1 = Programming option for EM Card only
- (c) 001 = One of the 1,000 User IDs for the User PIN/Card from 000-999
- (d) Read Card = Put the Card close to the card reader
- (e) # = Confirm the card is read, 2 beeps

4) Set an "User PIN" to Operate The Output 1 for Door Open

1 0 2 0 0 2 8 3 2 1 #

(a) (b) (c) (d) (e)

- (a) 10 = Programming Location for Output 1
- (b) 2 = Programming option for User PIN only
- (c) 002 = One of the 1,000 User IDs for the User PIN/Card from 000-999
- (d) 8321 = The User PIN that is programmed for door open. 8321 is an User PIN for example here only
- (e) # = Confirm the User PIN, 2 beeps

5) Record an "EM Card + User PIN" to Operate The Output 1 for Door Open

1 0 3 0 0 3 READ CARD 6 1 2 3 #

(a) (b) (c) (d) (e) (f)

- (a) 10 = Programming Location for Output 1
- (b) 3 = Programming option for EM Card + User PIN. (The User PIN can be repeated use or proprietary)
- (c) 003 = One of the 1,000 User IDs for the User PIN/Card from 000-999
- (d) Read Card = Put the Card close to the card reader
- (e) 6123 = The User PIN to be used with the EM Card. 6123 is an User PIN for example here only.
- (f) # = Confirm the Card+PIN is stored, 2 beeps

6) Record an "EM Card + Common User Code" to Operate The Output 1 for Door Open

1 0 4 0 0 4 READ CARD #

(a) (b) (c) (d) (e)

- (a) 10 = Programming Location for Output 1
- (b) 4 = Programming option for EM Card + Common User Code
- (c) 004 = One of the 1,000 User IDs for the User PIN/Card from 000-999
- (d) Read Card = Put the Card close to the card reader
- (e) # = Confirm the card is read, 2 beeps, the Common User Code goes to this User ID automatically
- (f) A Common User Code (for example: 8 6 2 5) **MUST** be set at the Programming **Location 03** first for this operation mode. The code can be used for all the EM Cards in this operation mode.

REMARK:

If more User PINs and Cards are required for Output 1, repeat the procedures (3) , (4) , (5) or (6) above with other User IDs, such as 005, 006, 007 --- 999 etc. Total 1,000 users are allowed. See Programming Location 10 for the details.

7) Close The Programming Mode

* * ---- 2 beeps

The programming mode is closed. The keypad is back to normal operation mode

OPERATION

8) Open The Door with The EM CARD

READ CARD ---- 2 beeps, the door is open

9) Open The Door with The User PIN

8 3 2 1 # ---- 2 beeps, the door is open

10) Open The Door with The EM CARD + User PIN

READ CARD 6 1 2 3 # ---- 2 beeps, the door is open

11) Open The Door with The EM CARD + Common User Code

READ CARD 8 6 2 5 # ---- 2 beeps, the door is open