

## THE ON-BOARD LED INDICATORS

- **RED / GREEN (Right)** --- It lights up in Green for Output 1 activation; and Red for Output 2 activation.
- **AMBER (Centre)** -----It flashes on Standby. It shows the system status in synchronization with the beep tones. The standby flashing can be set to OFF in programming. See Location 73 for the details.
- **RED (Left)** -----It lights up while one of the outputs is inhibited. It is also the Wegand LED in reader mode

## THE PACIFIER TONES & THE LED SIGNALS

The buzzer and the amber LED indicator give following tones and signals respectively for system status:

STATUS	TONES *	LED SIGNALS
1) On Programming Mode	-----	ON
2) Successful Key Entry	1 Beep	1 Flash
3) Successful Code / Card Entry	2 Beeps	2 Flashes
4) Unsuccessful Code / Card Entry	5 Beeps	5 Flashes
5) Power Up Delay	Continuous Beeps	Continuous Flashes
6) Output Relay Activation **	1 Second Long Beep	
7) On Standby ***	-----	1 Flash in 1 Second Interval
8) System Refreshing	-----	Fast Flashes for 2.5 Minutes
9) Card or PIN Already Stored in System	1 Long Beep	-----

### NOTE:

- \* All Pacifier Tones can be ON or OFF through the programming option at Location 71
- \*\* The Output Relay Activation beep can be selected through the programming option at Location 72
- \*\*\* The Standby flashing can be ON or OFF through the programming option at Location 73


## THE JUMPER FOR BACK-LIT SELECTION

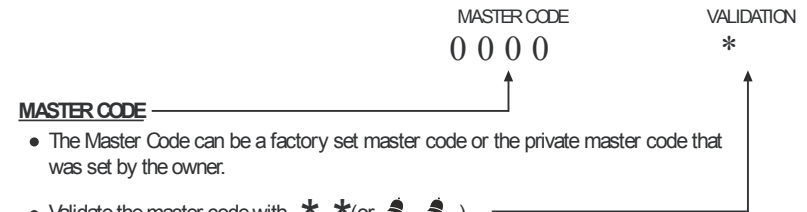
- 1) Full Back-lit** --- The keypad gives dim backlit on standby. It turns to full backlit when a key button is pressed, then back to dim backlit 10 seconds after the last key button is pressed.
- 2) Auto Back-lit** --- The backlit is OFF on standby. It turns to full backlit when a key button is pressed, then back to OFF 10 seconds after the last key button is pressed.



## FEATURE PROGRAMMING & OPERATION INSTRUCTIONS

### SET SYSTEM INTO PROGRAMMING MODE WITH THE MASTER CODE

#### IMPORTANT NOTE:

- 1) **DO NOT TURN OFF POWER** while the keypad is in Programming Mode. Otherwise, it may cause data lost/error to the programmed features in the memory.
- 2) The keypad beeps after power up. Wait 1 minute until the end of the power up delay, then key in the Master Code for setting the system into programming mode.
- 3) For the owner's convenience in programming at the first time, the factory has put a Master Code **0 0 0 0** into the keypad (**It is NOT a default code**). To compromise security, in all cases, the owner should program a new Personal Master Code to invalidate the factory set Master Code after the keypad is owned.
- 4) The  **Button** has two functions in the keypads with Door Bell button. It is a door bell button while the keypad is in normal operation; and it is equivalent to a \* **Button** in programming mode.





- The Master Code can be a factory set master code or the private master code that was set by the owner.
- Validate the master code with \* \* (or   ). 2-beep confirms a valid master code. The Mains LED (Amber) is constantly ON after the system is set in the programming mode.



### DIRECT ACCESS TO PROGRAMMING MODE WITH THE "DAP" CODE – 8 0 8 0

#### Set System Into Programming Mode With DAP Code In Case Of The Master Code Is Forgotten ! !

The owner requires to apply the following procedures precisely to set the system into programming mode with the DAP code **8 0 8 0**.

- 1) Switch OFF all the power for 1 minute to ensure that the system is fully discharged.
- 2) Switch ON power again. The system is in Power-up Mode for 1 minute and the buzzer gives beeps during the whole period. This is the only time limit for setting the system to Direct Access to Programming (DAP).
- 3) Press the Egress Button (EG IN) once first to enable the DAP function.
- 4) Key in the DAP Code **8 0 8 0** and validate it with \* \* (or   ), **the existing Master Code in the memory is erased** and the power up beep stops. The keypad turns itself into programming mode like using the Master Code and it is ready to accept the new programming data.
- 5) If the Egress Button is not pressed and the DAP code is not keyed in within the power up period, the system will set itself to normal operation mode. To set it back to power-up mode, repeat procedures 1-4.



- The DAP code is fixed on **8 0 8 0** and it is valid only in the Power-up Period after the Egress Button is pressed.
- Validate the DAP code with the \* \* (or   ).
- 2-beep confirms the system is in the Programming Mode; and the Mains LED is constantly ON.
- See "RECORD A MASTER CODE" at "Location 01" for the details of programming a new master code.

#### NOTE:

If the keypad is linking up with the DA-2800 controller in the Split-decoded operation, it is necessary to put the controller's "Link-up Jumper" to "ON" position to get the new Master Code for it. As the Master Code is also the link-up code of the two units. **Do Not Forget** to put the Link-up jumper back to OFF position after the programming. Otherwise, the controller will accept other keypads to link up with it.


## KEYPAD PROGRAMMING MAKE SIMPLE – For General Users

The DC2882B is a multi purpose keypad. It 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:

- The  button is equivalent to the \* button in the keypad with bell button.
- Wait 1 minute until the end of the power up delay.

#### 1) Set System into Programming Mode with The Factory Set Master Code 0 0 0 0

0 0 0 0 \* \* ---- 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) You can 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 0000 is erased

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

1 0 1 0 0 1 READ CARD #

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

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

#### 4) Program 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)

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

#### 5) Program 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)

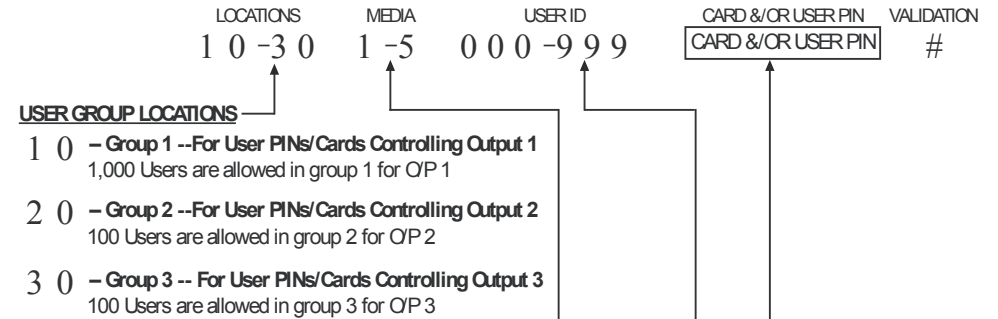
- 10 = Programming Location for Output 1
- 3 = Programming option for EM Card + User PIN. (The User PIN can be repeated use or proprietary)
- 003 = One of the 1,000 User IDs for the User PIN/Card from 000-999
- Read Card = Put the Card close to the card reader
- 6123 = The User PIN to be used with the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

## PROGRAM - DELETE PINS OR CARDS FOR OUTPUT 1, 2, & 3 (Locations 10, 20 & 30)

Total of 1,200 **User PINs and/or Cards** are available for the 3 user groups to control the 3 outputs.

- 1,000 ---- for Output 1 (Group 1)
- 100 ----- for Output 2 (Group 2)
- 100 ----- for Output 3 (Group 3)

The Private User PINs and Cards in the 3 user groups **MUST** be unique. Repeated PINs will be rejected. Secondary User PINs in the "EM Card + Secondary User PIN" can be repeated. See the **Important Note --- Programming Criteria for Codes** in page 14 for more information.



#### SELECTION OF OPERATION MEDIA

- Number 1, 2, 3 or 4 represents the Media to be used to operate the keypad.
- Number 5 is the authorization code for deleting of an PIN and/or Card from its User ID.

- 1 = EM Card only;                      2 = Private User PIN only;  
3 = EM Card + Secondary User PIN    4 = EM Card + Common User PIN  
5 = Delete an User PIN &/or Card from the selected User ID number

0 9 9 9 = Clear all the PINs & Cards from the selected Location. It takes few seconds to a minute to complete depending on the Location selected and the data stored. Please see the programming example below for the details.

#### USER ID NUMBER

- A 3-digit ID is an identified number for each User PIN and/or Card.
- Repeated ID number will be rejected by the system

- a) ID Number 0 0 0 - 9 9 9 for 1,000 User PINs/Cards to operate Output 1  
b) ID Number 0 0 1 - 1 0 0 for 100 User PINs/Cards to operate Output 2  
c) ID Number 0 0 1 - 1 0 0 for 100 User PINs/Cards to operate Output 3

#### CARD &/OR USER PINS

- The User PINs can be 4-8 digits. Key in the User PIN on each ID Number box, then confirm it with # key
- Just simply put the EM card close to the reader window to read it on each ID Number box, then, confirm it with # key if it is a **Card ONLY**, or **Card + Common User PIN** entry. The Common User PIN is **NOT** required to key-in here. It will go into its location automatically after the Card is read.
- Read the Card first, then key in the Secondary User PIN on each ID Number box, then confirm it with # key if it is **Card + Secondary User PIN**. The Secondary User PINs can be duplicated or a proprietary User PIN but can not be a duplicate of a Prime Code. Owner can use the same secondary User PIN for a group of Cards as a group Common User Code (or called Department Code) for a specific relay output.
- Cards (Operation Media # 1, 3, & 4) and Private User PINs (Operation Media 2) **MUST** be unique. A repeated EM card or Private User PIN will be rejected and one long beep will be generated by the system to notify the owner.