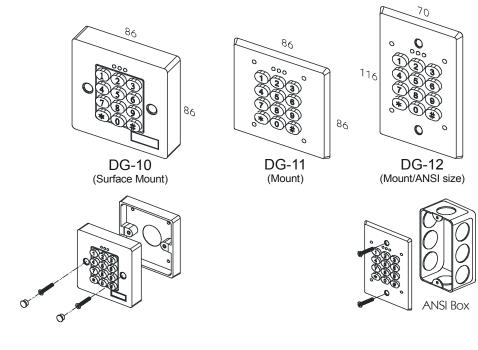


# The Digital Keyless Entry System (5 digit) Operation User's Manual



- I. Features:
- ♦ 5 digit codes
- Door Reed Switch Input for Anti-Trailing
- 10 user PINs
- Fully Programmable via keypad and master code
- Non-Volatile Memory
- Invalid PIN Lock-out
- II. Specifications:
- Operating Voltage:9~14 Vdc
- Current Draw: Average 30mA, Peak 80mA @ 12Vdc
- Input: One request-to-exit, and time out reed switch
- Relays: N.O./N.C./Com. Output (free voltage contact), 3A@ 125Vac or 30Vdc
- Case Material: ABS (UL94V0)
- ♦ Operating Temperature:-20~+70°C
- Ambient Humidity:0~95% relative humidity non-condensing
- Visual Signals:
  - Green: Power on
  - Red: Relay activated
  - Yellow: Program Mode 
    < Lock-out
- Factory Master Code: 12345
- Invalid PIN Lockout: System will shut down 60 seconds while 6 times of incorrectly password attempted.
- Relay Activation Time: (\*20)
  - Pulse mode : 1~99 seconds (01~99)
  - Latching mode (00)
- EPROM: Non-volatile memory, System will retain all programs and codes after a total loss of power.
- ◆ User PINs: (\*01~\*10) It is possible to program 10 different user PIN codes.

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## III. Program Instruction:

### • Enter Program Mode:

- Enter the master code twice (Factory master is 「12345」)
   →2 beeps and the Yellow LED will light up.
   → you are now in the "programming mode".
- Note: After 60 seconds if you have not entered any codes or data, the system will automatically exit from the programming mode. After 6 wrong attempts at the master code the lockout facility will operate.

### Exiting from the program mode:

- 1. Press  $\lceil \# \rfloor$  to exit from the programming mode.
- 2. Note: After 60 seconds if you have not entered any codes or data, the system will automatically exit from the programming mode. After 6 wrong attempts at the master code the lockout facility will operate.

## • To Enter a User Code :

Enter the Programming mode

 Enter the slot position code 「\*01~\*10」 →????? (user code 5 digit) → (beep) →enrolled→ Press # to exit from the programming mode, or program other operating.
 Note: The codes"00000","12345" or master code are not be used for PIN code.

## To Program Relocking Timer (relay)

Enter the Programming mode

- A. Press 「 \* 20 」 Followed by the number of seconds the relay should open→ 「 05 」
   =5 seconds (01 ~99 = seconds) → (beep) →enrolled → Press 「#」 to exit from the programming mode, or program other operating.
- B. Enter  $\lceil 00 \rfloor$  Sets the relay to latching mode. (Correct code entered opens the relay, and the relay stays open until the correct code is entered again).

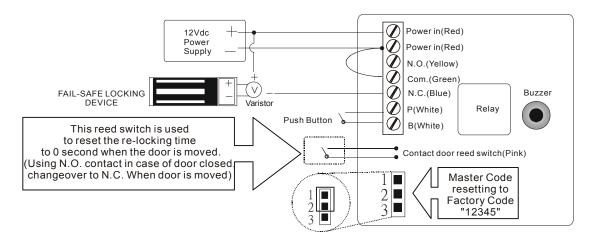
#### • To Delete a User Code

Enter the Programming mode  $\rightarrow$  Press the slot position code of your choice to delete (example "06")  $\rightarrow$  Press  $\lceil *06 \rfloor \rightarrow \lceil 00000 \rfloor \rightarrow (beep) \rightarrow delete \rightarrow Press \lceil # \rfloor$  to exit from the programming mode, or programming other operating.

#### To Change the Master codes:

Enter the Programming mode, Enter  $\lceil *00 \rfloor$  Followed by the new 5 digit master code $\rightarrow$  (beep)  $\rightarrow$ enrolled $\rightarrow$ Enter  $\lceil # \rfloor$  to exit from the programming mode, or program other operating.

## IV. Wiring diagram:



## Note:

The varistor or diode must be connected across the lock terminal (electromagnet...) operated by the device. The vartistor controls the overload produced by the strike coil (EMP).

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