DIGIGARD

OPERATING INSTRUCTIONS

4000 *Push Button Entry*

4005 *Dial & Push Entry*

4001 *Large Battery Box (Standard)*
4002 *Large Alarm/Battery Box (Optional)*

5010 *Swingbolt Lock (RH)*
5015 *Swingbolt Lock (LH)*
2870 *Motor Lock (Deadbolt)*
2888 *Motor Lock (Springbolt)*
4030 *Redundant Mechanical Lock with Dial & Push Entry*
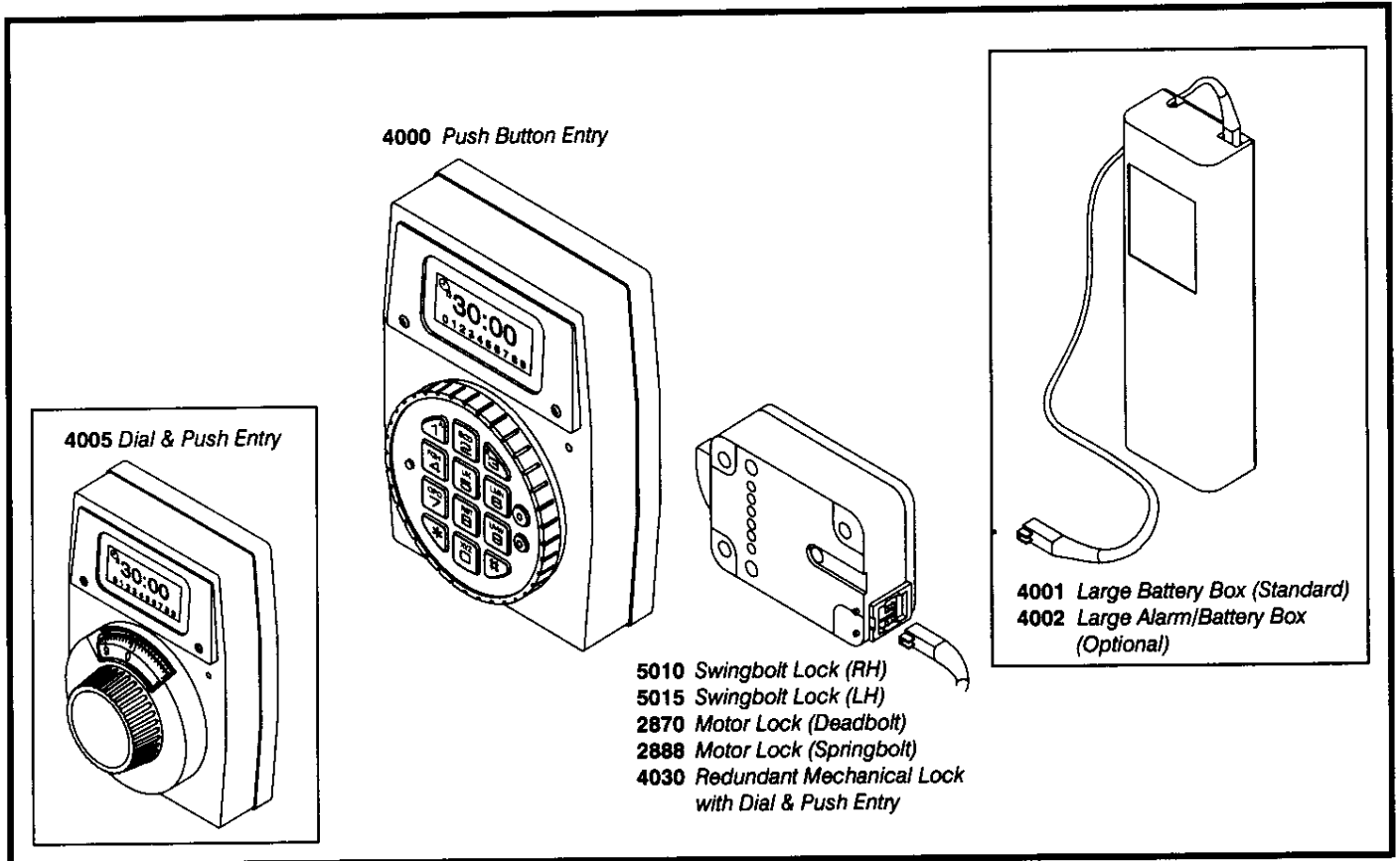
FEATURES *(May be activated, or changed, at any time by Authorized Service).*

☐ **NUMBER OF SUB-USERS** *(Sub-User numbers range from 1 to 8.)*
Primary user plus ☐ additional sub-users. (Pre-set)

☐ **MANAGER MODE** *(If feature is activated, User #0 displayed on LCD - see Add Sub-Users.)*
Manager may perform the following: Add, Temporarily Disable, or Remove sub-users, Set Time Lock, Run Audit Trail.

☐ **DUAL COMBINATION**
Two combinations required to open.

☐ **SILENT SIGNAL ALARM** *(Optional Alarm/Battery Box Required.)*
Duress Signal if last number of combination(s) entered one number higher or one number lower.

☐ **TIME LOCK**
Lock period from 1 minute to 99 hours, 59 minutes (00:01 to 99:59).

☐ **TIME DELAY** *(Preset "Delay" and "Open" Time periods.)*
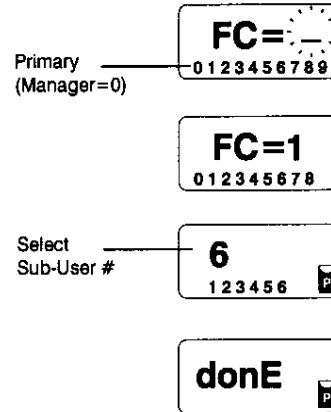Delay Time period ☐ minutes   Open Time period ☐ minutes

STANDARD FEATURES *(Always Available.)*

▨ **AUDIT TRAIL**
Primary user or Manager may track all user operations up to latest 99 events.

▨ **WRONG TRY PENALTY**
Entry of four consecutive invalid combinations, 5-minute delay period will start. Lock signals at 10 second intervals. At end of penalty period, entry of two more consecutive invalid combinations, 5-minute delay period will restart.

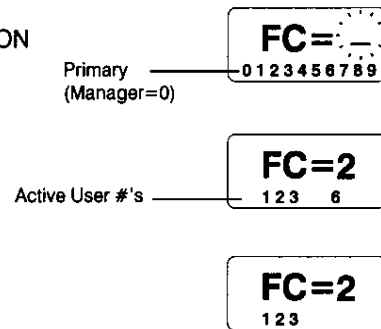## ADD SUB-USERS - Function Code 1 *(Primary User or if Manager feature activated.)*

- Enter Primary or Manager combination. HOLD DOWN LAST DIGIT OF COMBINATION until LCD displays:

  Primary
  (Manager=0)

  FC= _
  0123456789

- **PRESS 1** for function. LCD displays sub-user numbers. Example: Unassigned numbers do not flash. Assigned numbers do not appear. Disabled user numbers flash.

  FC=1
  012345678

- Enter any Sub-User number, **example:** Sub-User #6. **PRESS 6.**

  Select
  Sub-User #

  6
  123456 P

- Enter sub-user combination TWICE.

- If combination is valid, LCD displays:
  - If combination invalid, Lock signals three times and LCD goes blank.
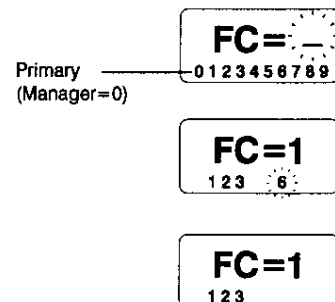
  donE P

TEMPORARILY DISABLE USERS - Function Code 2 *(Primary User or if Manager feature activated.)*

- Enter Primary or Manager combination. HOLD DOWN LAST DIGIT OF COMBINATION until LCD displays:

  Primary
  (Manager=0)

  FC= _
  0123456789

- **PRESS 2** for function. Only active numbers will appear. Example:

  Active User #'s

  FC=2
  123 6

- Enter Sub-User number to be disabled, **example:** Sub-User #6. **PRESS 6.** User is temporarily disabled. Continue disabling users OR TO EXIT;
  - Wait until LCD goes blank OR
  - Enter disabled user number again. LCD will display error message then go blank.
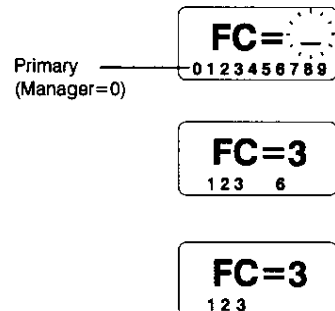
  FC=2
  123

REINSTATE DISABLED USERS - Function Code 1 *(Primary User or if Manager feature activated.)*

- Enter Primary or Manager combination. HOLD DOWN LAST DIGIT OF COMBINATION until LCD displays:

  Primary
  (Manager=0)

  FC= _
  0123456789

- **PRESS 1** for function. LCD displays sub-user numbers. Example: Unassigned numbers do not flash. Active numbers do not appear. Disabled user numbers flash.

  FC=1
  123 6

- Enter Sub-User number to be reinstated, **example:** Sub-User #6. **PRESS 6.** User is reinstated and has access. Continue reinstating users OR TO EXIT;
  - Wait until LCD goes blank OR
  - Enter reinstated user number again. LCD will display error message then go blank.
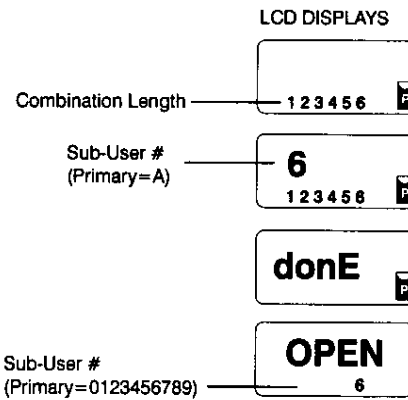
  FC=1
  123

REMOVE USERS - Function Code 3 *(Primary User or if Manager feature activated.)*

- Enter Primary or Manager combination. HOLD DOWN LAST DIGIT OF COMBINATION until LCD displays:

  Primary
  (Manager=0)

  FC= _
  0123456789

- **PRESS 3** for function. LCD displays sub-user numbers. Example: Only assigned user numbers will appear.

  FC=3
  123 6

- Enter Sub-User number to be deleted, **example:** Sub-User #6. **PRESS 6.** User is permanently removed. Continue removing users OR TO EXIT;
  - Wait until LCD goes blank OR
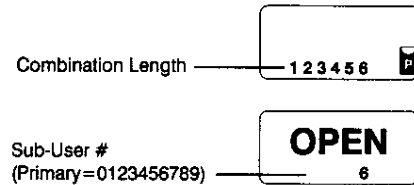 - Enter deleted user number again. LCD will display error message then go blank.

  FC=3
  123

CHANGING COMBINATION(S)

- Enter Six Zero's (0-0-0-0-0-0)

  Combination Length ——— 123456 P

- Enter OLD combination.

  Sub-User #
  (Primary=A) ——— **6**
  123456 P

- Enter NEW combination TWICE. If combination is valid, LCD displays:
  – If combination is invalid, Lock signals three times and LCD goes blank.

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- Verify combination before closing the door.

  Sub-User #
  (Primary=0123456789) ——— **OPEN** 6

DUAL COMBINATION *Any two valid combinations required to open.*   *(If feature is active.)*

- Enter first valid combination.

  Combination Length ——— 123456 P

- Enter second valid combination.

  Sub-User #
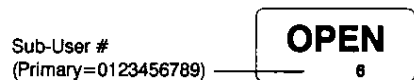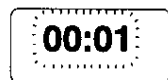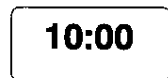 (Primary=0123456789) ——— **OPEN** 6

SILENT SIGNAL ALARM *(If feature is active AND optional Alarm/Battery Box connected.)*

- Enter last digit of any valid combination one number higher or one number lower, **example:**
  Combination=1-2-3-4-5-6   Duress Combination=1-2-3-4-5-7 or 1-2-3-4-5-5

TIME DELAY *(During delay period, performing user functions or running audit trail will abort delay period.)*
NOTE: LCD displays Delay period time values counting down and Open period time values counting up.
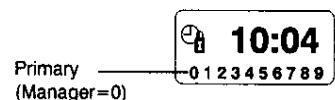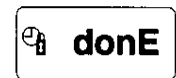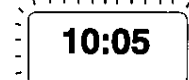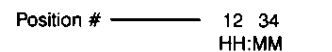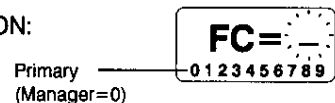
- Enter valid combination. Delay period starts and LCD displays pre-set delay time.
  – Valid combination entered during delay = Delay period restarts.
  – Invalid combination entered during delay = Delay period aborts.

  10:00

- At end of Delay period, Open period starts and LCD displays:
  – Lock signals at 10-second intervals until expiration of preset Open period.
  – Invalid combination entered during Open time period = Open continues to expiration.
  – Four consecutive invalid combinations = Open period aborts and Wrong Try Penalty starts.

  00:01

- During Open period, enter valid combination(s). LCD displays:

  Sub-User #
  (Primary=0123456789) ——— **OPEN** 6

SET TIME LOCK - Function Code 9 *(If feature is active.)*
WARNING: If activated, Lock period settings are active IMMEDIATELY.

- Enter Primary or Manager combination. HOLD DOWN LAST DIGIT OF COMBINATION:

  FC=‚—

- **PRESS 9** for function.

  Primary ——— 0123456789
  (Manager=0)

- Select LOCK period, in hours and minutes. Position will flash until value entered.
  EXAMPLE: To set 10 hours, 5 minutes LOCK.
  At position 1, **Press 1**. Position 2 will flash. **Press 0**. Position 3 will flash.
  Press 0. Position 4 will flash. **Press 5. ALL NUMBERS WILL THEN FLASH.**

  Position # ——— 12 34
  HH:MM

  10:05

- TO ACTIVATE, **HOLD 9** WHILE NUMBERS ARE FLASHING until LCD displays:
  IMPORTANT: If another key is hit, or zero values entered, Time Lock is not activated.

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- If Time Lock is activated, on entry of primary/manager combination, LCD
  displays time left until Open period.

  10:04
  Primary ——— 0123456789
  (Manager=0)

AUDIT TRAIL - Function Code 7 *(Primary User of if Manager feature activated.)*
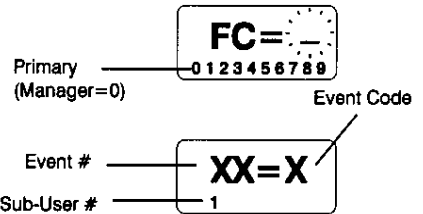
Stores up to 99 events. Last event is first shown on LCD.

- Enter Primary or Manager combination. HOLD DOWN LAST DIGIT OF COMBINATION:

- **PRESS 7** for function. Information is presented in the following format:
  Event Numbers = 01 to 99.
  Event Codes:
0	Open
1	Add/Reinstate User or Change combination
2	Temporarily Disable or Remove User
3	Lock Failure
4	Wrong Try Penalty activated
5	Features added/changed (by Authorized Service only)
6	Set Time Lock
7	Access Denied, Time Lock activated
LG icon	With Any event Code - Silent Signal Alarm activated.

Primary
(Manager=0)

FC=
0123456789

Event Code

Event #
Sub-User #

XX=X
1

To scroll forward, PRESS 7. When all events have been shown, no more screens will appear.

To scroll backward, PRESS 8.

To exit audit trail, Press any other number.

CHANGING BATTERIES

- **Repeated beeping during an opening indicates Batteries are Low.**

- Replace immediately. Use six (6) 1.5 volt Alkaline Size C batteries.

- To change batteries, pull Battery Cover off.

OPTIONS

4002 Large Alarm/Battery Box Shown (Optional)

Connection to Lock

Connection to Alarm
(4002 Model Only)

4002 *ALARM CONNECTIONS*

Alarm Relay
Out - 50 VDC @ 0.25 AMP MAX
Input - 5-12 VDC @ 20 mAmp Max

Inputs Disable or Remote Override

Alarm Relay
Jumper Position
NO - (right pos.)
NC - (left pos.)

Connection to Lock

Relay Connections

Input Connections

PC Board

Connection to Lock