Set Up i-MOTION® II Using 3-Button Interface

NOTE: For non-standard configuration or fine tuning, contact your local Otis field office, or call UNITEC® at 1-800-328-7840.

### Three Button Interface Commands

- **<UP>** Navigate Up Through Menu
- **<Down>** Navigate Down Through Menu
- **<Enter>** Select a Menu or Parameter Value
- **<Up and Down>** Exit a Menu

### Set Parameters

NOTE: Enter YES for operators equipped with four sensors for ANSI 2007 code compliance.

### Perform Learn Run

- (E)'Push doors CLOSED, then press ENTER'
- (E) "WARNING! E Stop ignored, ENTER to continue, ↓ + ↑ to quit"
- (E)'Learning CLOSED position'
  "Tune Open"
  "Up to open, DOWN to close, ENTER when done"
  (Push the 'UP' button to open the doors to the fully open position)
  (E)'Closing doors'
  "WAIT"
  "Still learning, ENTER to continue, ↓ + ↑ to quit"
**Status Display and Troubleshooting Guide**

**Status Display**
- **Door Mode**
  - NO = Normal
  - DN = De-energized (motor only)
  - IN = Initialize (slow operation after POR)
  - DG = Degraded
  - ST = Stalled
  - SD = Shutdown (scrolling fault if hard shutdown)

- **Door State**
  - [ ] = Closed
  - [ ] = Opened
  - > < = Closing
  - <= = Opening

After power up or reset software version is displayed momentarily.

**TROUBLESHOOTING GUIDE**

<table>
<thead>
<tr>
<th>Problem</th>
<th>Recommended Action</th>
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| Encoder mismatch fault        | • Check for loose belt, especially with heavy doors
                                 | • Check for 2 mm sensor gap
                                 | • Check for bent intermediate pulley
                                 | • Check for bad sensor
                                 | • Check for motor open circuit
                                 | • Replace PCB                                                                    |
| Door stalls or runs slow      | • Check for excessive belt tension
                                 | • Check doors for friction
                                 | • IN (initialize) mode: slow movement is normal until first close after reset/POR |
| Can't complete learn run      | • Check door type parameter
                                 | • Check linkage and stop settings (not enough output pulley rotation)
                                 | • Check sensors
                                 | • Check doors and belt for friction                                              |
| Doors do not open or close fully | • Check linkage and stop settings
                                   | • Check sensors
                                   | • Check doors and belt for friction
                                   | • Repeat learn run                                                               |
| LVM controller DTO faults     | • Check linkage and stop settings (too much output pulley rotation)
                                 | • Check sensors
                                 | • Check doors and belt for friction
                                 | • Repeat learn run                                                               |
| Flashing display or no heartbeat | • Replace PCB                                                                         |
| Motor short circuit fault     | • Replace motor and PCB                                                                |
| No LED's or display           | • Check for power at P6 on PCB
                                 | • Check fuse F1 on PCB
                                 | • Replace PCB                                                                   |