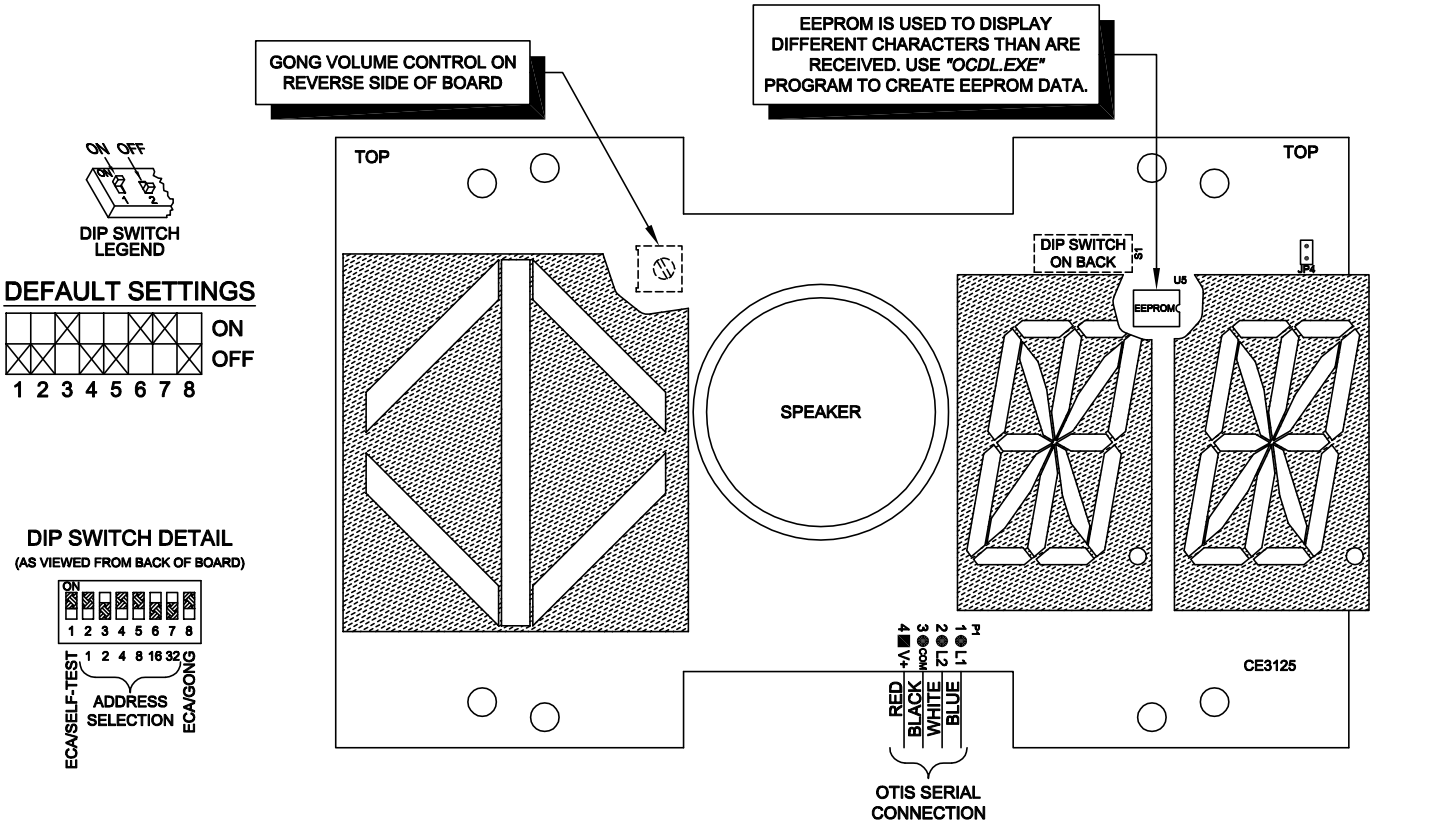
# GTCH-OS

JOB# _____

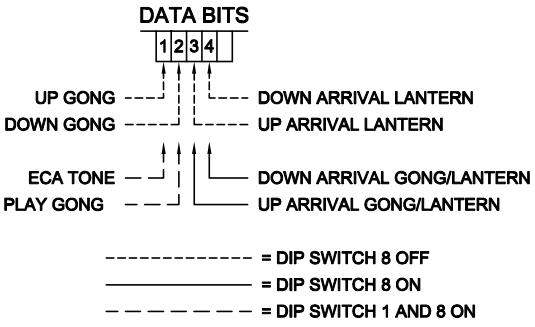



CODE VERSION _____

BOARD VERSION CE3125 __

## CHART TO SELECT ADDRESS WITH DIP SWITCH

| 32 DS7 | 16 DS6 | 8 DS5 | 4 DS4 | 2 DS3 | 1 DS2 | ADDRESS | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 0 | 0 | 0 | 0 | 0 | 0 | INVALID | 1 | 0 | 0 | 0 | 0 | 0 | ADDRESS #32 |
| 0 | 0 | 0 | 0 | 0 | 0 | INVALID | 1 | 0 | 0 | 0 | 0 | 1 | ADDRESS #33 |
| 0 | 0 | 0 | 0 | 0 | 0 | INVALID | 1 | 0 | 0 | 0 | 1 | 0 | ADDRESS #34 |
| 0 | 0 | 0 | 0 | 0 | 0 | INVALID | 1 | 0 | 0 | 0 | 1 | 1 | ADDRESS #35 |
| 0 | 0 | 0 | 1 | 0 | 0 | ADDRESS #4 | 1 | 0 | 0 | 1 | 0 | 0 | ADDRESS #36 |
| 0 | 0 | 0 | 1 | 0 | 1 | ADDRESS #5 | 1 | 0 | 0 | 1 | 0 | 1 | ADDRESS #37 |
| 0 | 0 | 0 | 1 | 1 | 0 | ADDRESS #6 | 1 | 0 | 0 | 1 | 1 | 0 | ADDRESS #38 |
| 0 | 0 | 0 | 1 | 1 | 1 | ADDRESS #7 | 1 | 0 | 0 | 1 | 1 | 1 | ADDRESS #39 |
| 0 | 0 | 1 | 0 | 0 | 0 | ADDRESS #8 | 1 | 0 | 1 | 0 | 0 | 0 | ADDRESS #40 |
| 0 | 0 | 1 | 0 | 0 | 1 | ADDRESS #9 | 1 | 0 | 1 | 0 | 0 | 1 | ADDRESS #41 |
| 0 | 0 | 1 | 0 | 1 | 0 | ADDRESS #10 | 1 | 0 | 1 | 0 | 1 | 0 | ADDRESS #42 |
| 0 | 0 | 1 | 0 | 1 | 1 | ADDRESS #11 | 1 | 0 | 1 | 0 | 1 | 1 | ADDRESS #43 |
| 0 | 0 | 1 | 1 | 0 | 0 | ADDRESS #12 | 1 | 0 | 1 | 1 | 0 | 0 | ADDRESS #44 |
| 0 | 0 | 1 | 1 | 0 | 1 | ADDRESS #13 | 1 | 0 | 1 | 1 | 0 | 1 | ADDRESS #45 |
| 0 | 0 | 1 | 1 | 1 | 0 | ADDRESS #14 | 1 | 0 | 1 | 1 | 1 | 0 | ADDRESS #46 |
| 0 | 0 | 1 | 1 | 1 | 1 | ADDRESS #15 | 1 | 0 | 1 | 1 | 1 | 1 | ADDRESS #47 |
| 0 | 1 | 0 | 0 | 0 | 0 | ADDRESS #16 | 1 | 1 | 0 | 0 | 0 | 0 | ADDRESS #48 |
| 0 | 1 | 0 | 0 | 0 | 1 | ADDRESS #17 | 1 | 1 | 0 | 0 | 0 | 1 | ADDRESS #49 |
| 0 | 1 | 0 | 0 | 1 | 0 | ADDRESS #18 | 1 | 1 | 0 | 0 | 1 | 0 | ADDRESS #50 |
| 0 | 1 | 0 | 0 | 1 | 1 | ADDRESS #19 | 1 | 1 | 0 | 0 | 1 | 1 | ADDRESS #51 |
| 0 | 1 | 0 | 1 | 0 | 0 | ADDRESS #20 | 1 | 1 | 0 | 1 | 0 | 0 | ADDRESS #52 |
| 0 | 1 | 0 | 1 | 0 | 1 | ADDRESS #21 | 1 | 1 | 0 | 1 | 0 | 1 | ADDRESS #53 |
| 0 | 1 | 0 | 1 | 1 | 0 | ADDRESS #22 | 1 | 1 | 0 | 1 | 1 | 0 | ADDRESS #54 |
| 0 | 1 | 0 | 1 | 1 | 1 | ADDRESS #23 | 1 | 1 | 0 | 1 | 1 | 1 | ADDRESS #55 |
| 0 | 1 | 1 | 0 | 0 | 0 | ADDRESS #24 | 1 | 1 | 1 | 0 | 0 | 0 | ADDRESS #56 |
| 0 | 1 | 1 | 0 | 0 | 1 | ADDRESS #25 | 1 | 1 | 1 | 0 | 0 | 1 | ADDRESS #57 |
| 0 | 1 | 1 | 0 | 1 | 0 | ADDRESS #26 | 1 | 1 | 1 | 0 | 1 | 0 | ADDRESS #58 |
| 0 | 1 | 1 | 0 | 1 | 1 | ADDRESS #27 | 1 | 1 | 1 | 0 | 1 | 1 | ADDRESS #59 |
| 0 | 1 | 1 | 1 | 0 | 0 | ADDRESS #28 | 1 | 1 | 1 | 1 | 0 | 0 | ADDRESS #60 |
| 0 | 1 | 1 | 1 | 0 | 1 | ADDRESS #29 | 1 | 1 | 1 | 1 | 0 | 1 | ADDRESS #61 |
| 0 | 1 | 1 | 1 | 1 | 0 | ADDRESS #30 | 1 | 1 | 1 | 1 | 1 | 0 | ADDRESS #62 |
| 0 | 1 | 1 | 1 | 1 | 1 | ADDRESS #31 | 1 | 1 | 1 | 1 | 1 | 1 | ADDRESS #63 |




| DIP1 | DIP8 | FUNCTION |
|---|---|---|
| 1 | 0 | SELF-TEST MODE |
| 0 | 0 | GONG USES BIT 1 UP (SINGLE) AND BIT 2 DOWN (DOUBLE) |
| 0 | 1 | GONG USES BIT 3 UP AND BIT 4 DOWN (BOTH SINGLE) |
| 1 | 1 | ECA MODE |

| DATE DRAWN: | DRAWN BY: | REQUESTED BY: |
|---|---|---|
| 06/04/03 | K.L.S. | D.H. |
| BOARD NUMBER: | LAST DATE REVISED: | APPROVED BY: |
| 3125 | 08/11/06 | |
| PRODUCT | | |
| GTCH-OS | | |

C.E. ELECTRONICS, INC.
2107 Industrial Drive
Bryan, Ohio 43506
(419) 636-6705

DWG. NO. GTCH-OS-01-A REV: F

The following Otis data must be furnished at the specified addresses for the Otis Serial Indicator to work properly. The address is selected by setting DIP switches 2-7 as shown on the back of this page. The board reads the address determined by the DIP switch setting. For example, if the DIP switch is set to address 50, the board will read the bits at address 50.

At DIP switch address—selected by the DIP switch on the unit (Default 50):

**Normal Operation**

DIP switch 1 puts the unit in self-test mode.

DIP switch 1 and DIP switch 8 *OFF*:

Bit 1—Up Gong (Single)
Bit 2—Down Gong (Double)
Bit 3—Up Arrival Arrow/Lantern
Bit 4—Down Arrival Arrow/Lantern

DIP switch 1 *OFF* and DIP switch 8 *ON*:

Bit 1—Not Used
Bit 2—Not Used
Bit 3—Up Arrival Arrow/Lantern and Up Gong (Single)
Bit 4—Down Arrival Arrow/Lantern and Down Gong (Single)

**ECA Operation**

DIP switches 1 and 8 *ON* puts the unit in ECA Mode:

Bit 1—ECA Tone
Bit 2—Play Gong
Bit 3—Up Arrival Arrow/Lantern (Single Gong)
Bit 4—Down Arrival Arrow/Lantern (Double Gong)

The unit display can substitute different floor characters for the ones the controller sends, and it can switch between floor characters and ASCII characters for a message. To display alternative floor characters or messages, an EEPROM created using the *OCDL.EXE* program must be installed in the unit. Message characters alternate with floor characters every second.

Messages use the two addresses following the address set by the DIP switch.

DIP switch address +1 (Default 51):

| | | Priority |
|---|---|---|
| Bit 1—FSL/RFSL | Fire Service Lamp | 1 |
| Bit 2—Available | Message Two | 2 |
| Bit 3—FNDG/RNDG | Front/Rear Nudging | 3 |
| Bit 4—ISCL | Independent Service | 4 |

DIP switch address +2 (Default 52):

| | | |
|---|---|---|
| Bit 1—OLS | Overload Lamp | 5 |
| Bit 2— Available | Message Six | 6 |
| Bit 3— Available | Message Seven | 7 |
| Bit 4— Available | Message Eight | 8 |

NOTE: If messages are not programmed in the EEPROM, these two addresses are available for other devices, such as other position indicators.