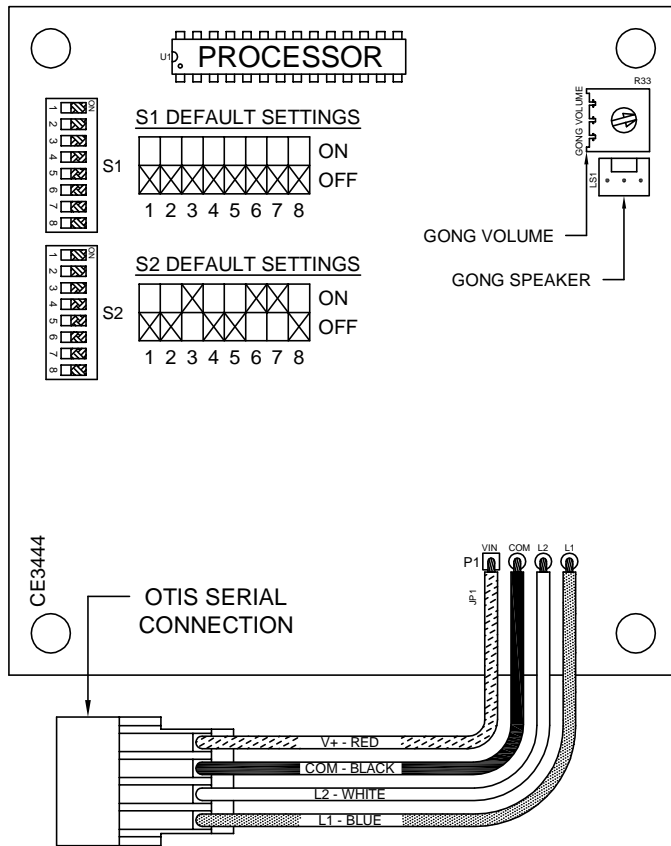


# OBOX-X

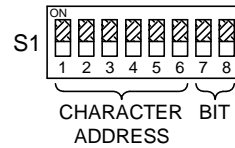
JOB# \_\_\_\_\_

## CHART TO SELECT ADDRESS WITH DIP SWITCHES

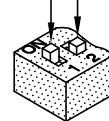


LIGHTED CHARACTER ACTIVATION BIT CHART

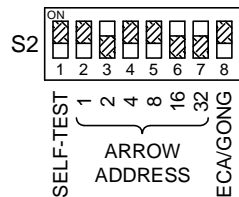
S1-DS7	S1-DS8	BIT #
0	0	1
1	0	2
0	1	3
1	1	4



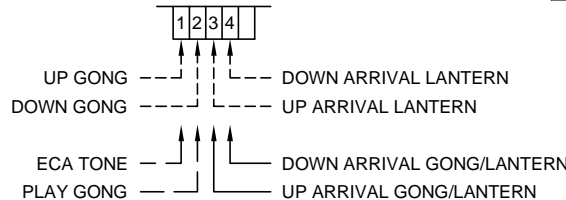
ON  
OFF



ADDRESS	SWITCH VALUE							ADDRESS						
	DS1 DS2	DS2 DS3	DS3 DS4	DS4 DS5	DS5 DS6	DS6 DS7	DS1 DS2		DS2 DS3	DS3 DS4	DS4 DS5	DS5 DS6	DS6 DS7	
INVALID	OFF	OFF	OFF	OFF	OFF	OFF	OFF	OFF	OFF	OFF	OFF	OFF	ON	ADDRESS 32
INVALID	OFF	OFF	OFF	OFF	OFF	OFF	ON	OFF	OFF	OFF	OFF	OFF	ON	ADDRESS 33
INVALID	OFF	OFF	OFF	OFF	OFF	OFF	OFF	ON	OFF	OFF	OFF	OFF	ON	ADDRESS 34
INVALID	OFF	OFF	OFF	OFF	OFF	OFF	ON	ON	OFF	OFF	OFF	OFF	ON	ADDRESS 35
ADDRESS 4	OFF	OFF	ON	OFF	OFF	OFF	OFF	OFF	ON	OFF	OFF	OFF	ON	ADDRESS 36
ADDRESS 5	ON	OFF	ON	OFF	OFF	OFF	OFF	OFF	ON	OFF	OFF	OFF	ON	ADDRESS 37
ADDRESS 6	OFF	ON	ON	OFF	OFF	OFF	OFF	OFF	ON	ON	OFF	OFF	ON	ADDRESS 38
ADDRESS 7	ON	ON	ON	OFF	OFF	OFF	OFF	OFF	ON	ON	OFF	OFF	ON	ADDRESS 39
ADDRESS 8	OFF	OFF	OFF	ON	OFF	OFF	OFF	OFF	OFF	OFF	ON	OFF	ON	ADDRESS 40
ADDRESS 9	ON	OFF	OFF	ON	OFF	OFF	OFF	OFF	ON	OFF	OFF	ON	ON	ADDRESS 41
ADDRESS 10	OFF	ON	OFF	ON	OFF	OFF	OFF	OFF	OFF	ON	OFF	ON	ON	ADDRESS 42
ADDRESS 11	ON	ON	OFF	ON	OFF	OFF	OFF	OFF	ON	ON	OFF	ON	ON	ADDRESS 43
ADDRESS 12	OFF	OFF	ON	ON	OFF	OFF	OFF	OFF	OFF	ON	ON	OFF	ON	ADDRESS 44
ADDRESS 13	ON	OFF	ON	ON	OFF	OFF	OFF	OFF	ON	OFF	ON	ON	ON	ADDRESS 45
ADDRESS 14	OFF	ON	ON	ON	OFF	OFF	OFF	OFF	OFF	ON	ON	ON	ON	ADDRESS 46
ADDRESS 15	ON	ON	ON	ON	ON	OFF	OFF	OFF	ON	ON	ON	ON	ON	ADDRESS 47
ADDRESS 16	OFF	OFF	OFF	OFF	ON	OFF	OFF	OFF	OFF	ON	ON	ON	ON	ADDRESS 48
ADDRESS 17	ON	OFF	OFF	OFF	ON	OFF	OFF	OFF	ON	OFF	ON	ON	ON	ADDRESS 49
ADDRESS 18	OFF	ON	OFF	OFF	ON	OFF	OFF	OFF	OFF	ON	ON	ON	ON	ADDRESS 50
ADDRESS 19	ON	ON	OFF	OFF	ON	OFF	OFF	OFF	ON	ON	ON	ON	ON	ADDRESS 51
ADDRESS 20	OFF	OFF	ON	OFF	ON	OFF	OFF	OFF	OFF	ON	ON	ON	ON	ADDRESS 52
ADDRESS 21	ON	OFF	ON	OFF	ON	OFF	OFF	OFF	ON	ON	ON	ON	ON	ADDRESS 53
ADDRESS 22	OFF	ON	ON	OFF	ON	OFF	OFF	OFF	OFF	ON	ON	ON	ON	ADDRESS 54
ADDRESS 23	ON	ON	ON	OFF	ON	OFF	OFF	OFF	ON	ON	ON	ON	ON	ADDRESS 55
ADDRESS 24	OFF	OFF	OFF	ON	ON	OFF	OFF	OFF	OFF	ON	ON	ON	ON	ADDRESS 56
ADDRESS 25	ON	OFF	OFF	ON	ON	OFF	OFF	OFF	ON	ON	ON	ON	ON	ADDRESS 57
ADDRESS 26	OFF	ON	OFF	ON	ON	OFF	OFF	OFF	OFF	ON	ON	ON	ON	ADDRESS 58
ADDRESS 27	ON	ON	OFF	ON	ON	OFF	OFF	OFF	ON	ON	ON	ON	ON	ADDRESS 59
ADDRESS 28	OFF	OFF	ON	ON	ON	OFF	OFF	OFF	OFF	ON	ON	ON	ON	ADDRESS 60
ADDRESS 29	ON	OFF	ON	ON	ON	OFF	OFF	OFF	ON	ON	ON	ON	ON	ADDRESS 61
ADDRESS 30	OFF	ON	ON	ON	ON	OFF	OFF	OFF	OFF	ON	ON	ON	ON	ADDRESS 62
ADDRESS 31	ON	ON	ON	ON	ON	OFF	OFF	OFF	OFF	ON	ON	ON	ON	ADDRESS 63



DATA BITS



S2-DS1	S2-DS8	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 - GONG USES BIT 3 UP AND BIT 4 DOWN (BOTH SINGLE)

CODE VERSION \_\_\_\_\_

BOARD VERSION CE3444 \_\_\_\_\_

----- = DIP SWITCH 8 OFF  
 \_\_\_\_\_ = DIP SWITCH 8 ON  
 - - - - - = DIP SWITCH 1 AND 8 ON

DATE DRAWN: 03/25/10	DRAWN BY: DAC	REQUESTED BY: SR	 C.E. ELECTRONICS, INC. 2107 Industrial Drive Bryan, Ohio 43306 (419) 636-6705
BOARD NUMBER: 3444	LAST DATE REVISED: 04/29/10	APPROVED BY:	
PRODUCT BOX DISPLAY WITH OTIS SERIAL INPUT		DWG. NO. OBOX_01	

NOTE: Use the chart on the reverse of this page to set the DIP switches on S1 and S2 to select the addresses as described below.

The following Otis data must be furnished at the selected address for the Otis Serial LED Display to work properly. 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.

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DIP switch **S1** selects the address and bit used to turn the lighted character on an off.

DIP switches 1 – 6 select the address of the bit within the RSL link.

DIP switches 7 – 8 select which bit at that address is used to light the character.

See chart on reverse to determine switch settings for the desired bit.

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DIP switch **S2** selects the address and bits used to turn arrows and gongs on and off.

DIP switches 2 – 7 select the address of the bits within the RSL link.

DIP switches 1 and 8 are described in the information below.

At DIP switch address—selected by DIP switch S2 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)