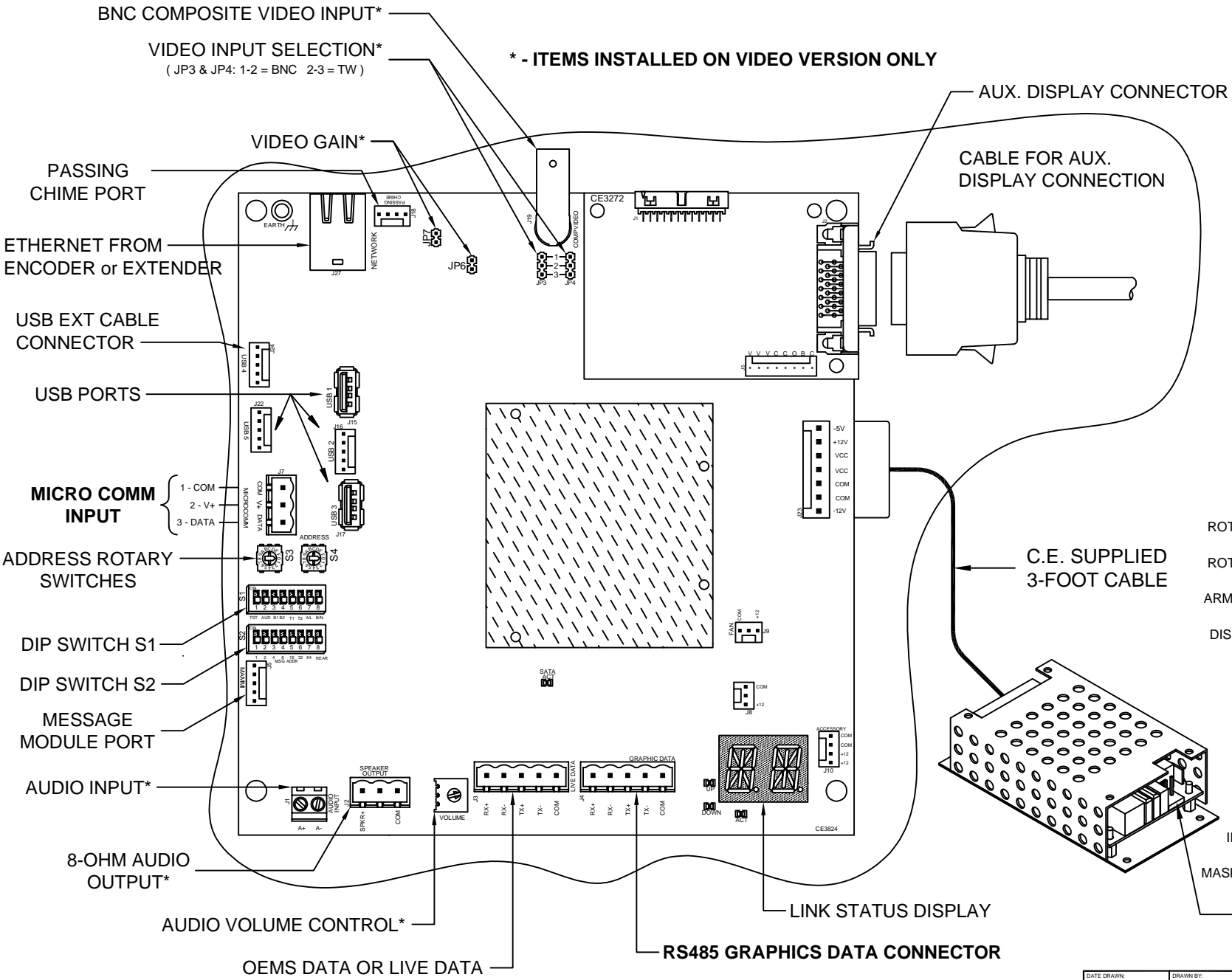


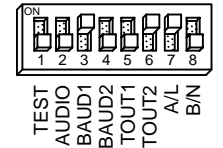
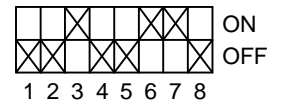
OELD TFT

(BACK VIEW)

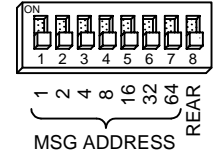
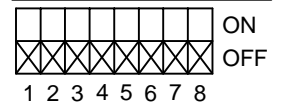


* - ITEMS INSTALLED ON VIDEO VERSION ONLY

S1 DEFAULT SETTINGS



S2 DEFAULT SETTINGS



- ROTARY SWITCH S3 _____
- ROTARY SWITCH S4 _____
- ARM CODE VERSION _____
- DISPLAY CODE VER _____
- OS VERSION _____
- Q7 MODULE _____
- BRACKET NO. _____
- VIDEO STANDARD: NTSC
- PAL
- IP: _____
- MASK: _____

**110/220 VAC
POWER INPUT**

| | | | |
|-----------------------------|-------------------------|-----------------------------|--|
| DATE DRAWN: 02/12/16 | DRAWN BY: DAC | REQUESTED BY: TE | C.E. ELECTRONICS, INC. 2107 Industrial Drive Bryan, Ohio 43006 (419) 636-6705 |
| BOARD NUMBER: 3824, 2893 | LAST DATE REVISED: - | APPROVED BY: | |
| PRODUCT OTIS ELD - LVDS | | DWG. NO. 104TFTBACK_3824 | |

S1 DIP SWITCH SETTINGS

DIP Switch 1 - Test Mode

Off = Normal Run Mode

On = The display will cycle up and down through all programmed floors (Front Side Only).

DIP Switch 2 - Audio Output

Off = Audio Software Controlled

On = Audio Enabled

DIP Switch 4, 3 - RS485 Configuration Link Baud Rate (Must match Transfer Program)

| DS4 | DS3 | BAUD RATE |
|-----|-----|-----------------|
| OFF | OFF | 9600 |
| OFF | ON | 19200 (Default) |
| ON | OFF | 38400 |
| ON | ON | 57600 |

DIP Switch 6, 5 - Watchdog Period (Length of time the PIC waits for a response from Elite Display before resetting the display)

| DS6 | DS5 | Wait Period |
|-----|-----|-------------------------|
| OFF | OFF | One Minute |
| OFF | ON | Two Minutes |
| ON | OFF | Three Minutes (Default) |
| ON | ON | Never Reset Display |

DIP Switch 7 - Converter Board Display Mode (does not affect TFT screen)

Off = Scan Slot Data Displayed

On = ASCII Data Displayed

NOTE: Left Cube Dot = Priority Message Sent
Right Cube Dot = Door Strobe Active

DIP Switch 8 - Single/Multi-Car

Off = Single Car - Standard MICRO COMM Links

On = Multi-Car - Special 8-to-1 MICRO COMM Links Only!

ROTARY SWITCH SETTINGS

Rotary Switch S3 - Used for USB transfers. Default setting is 0.

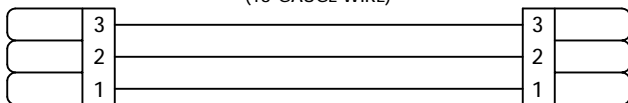
Rotary Switch S4 - Unit Address

This switch sets the address of the Elite PI unit. The default is address 1, which is switch setting 0.

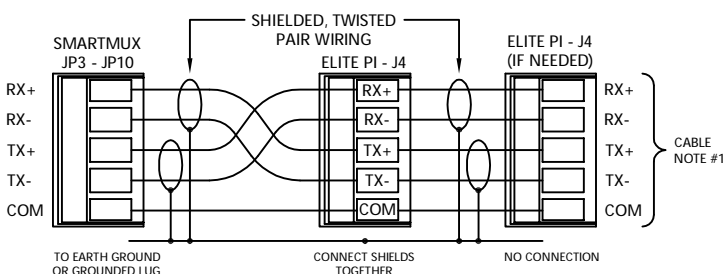
NOTE: This address must match the Transfer program setting.

| S4 | Unit Address | S4 | Unit Address | S4 | Unit Address | S4 | Unit Address |
|----|--------------|----|--------------|----|--------------|----|--------------|
| 0 | 1 | 4 | 5 | 8 | 9 | C | 13 |
| 1 | 2 | 5 | 6 | 9 | 10 | D | 14 |
| 2 | 3 | 6 | 7 | A | 11 | E | 15 |
| 3 | 4 | 7 | 8 | B | 12 | F | 16 |

MICRO COMM LINK (18-GAUGE WIRE)



SMARTMUX to ELITE PI and (if needed) to ELITE PI



NOTE: Shields **MUST** be grounded to controller/earth ground lug

S2 DIP SWITCH SETTINGS

ARRIVAL ARROWS & DESTINATIONS DS1 - DS7 set the unit's floor number.

| DS7 (64) | DS6 (32) | DS5 (16) | DS4 (8) | DS3 (4) | DS2 (2) | DS1 (1) | FLOOR NUMBER |
|-------------|-------------|-------------|------------|------------|------------|------------|-----------------|
| OFF | OFF | OFF | OFF | OFF | OFF | OFF | CAR UNIT |
| OFF | OFF | OFF | OFF | OFF | OFF | ON | FLOOR 1 |
| OFF | OFF | OFF | OFF | OFF | ON | OFF | FLOOR 2 |
| OFF | OFF | OFF | OFF | OFF | ON | ON | FLOOR 3 |
| : | : | : | : | : | : | : | : |
| : | : | : | : | : | : | : | : |
| ON | ON | ON | ON | ON | OFF | ON | FLOOR 125 |
| ON | ON | ON | ON | ON | ON | OFF | FLOOR 126 |
| ON | ON | ON | ON | ON | ON | ON | NOT USED |

Switch 8 sets the unit as front or rear. DS8 OFF - Front Unit DS8 ON - Rear Unit

VIDEO TEST MODE

Video test mode uses a combination of DIP switch and rotary switch settings. Please write down the initial setting of the S3 and S4 rotary switches before starting this process.

Entering Video Test Mode

Set DIP switch 1 to OFF, then set S3 and S4 to position F. Next, set DIP switch 1 to ON. The Live Video Adjustment menu will appear on the screen with Brightness highlighted.

Choosing Item to Adjust

The highlighted item is the current selection. To choose a different item to adjust, set S3 as shown below:

| S3 | Adjustment | S3 | Adjustment |
|----|------------|----|------------------|
| F | Brightness | B | Video Standard |
| E | Contrast | A | Vertical Stretch |
| D | Color | 9 | Default |
| C | Tint | 8 | Original |

Making Adjustments

Highlight the item to change and turn S4 for the best display quality.

Default and Original Settings

Default resets the display to the factory default settings. Original cancels any changes made and restores the values stored before entering Video Test mode. Highlight the item to use, turn S4 in either direction, and wait five seconds. The display will reset to the default or previous settings.

Exiting Video Test Mode

To save the new video settings and exit Video Test, set DIP switch 1 to OFF. Reset S3 and S4 to the values recorded before starting the process.

Video Gain

JP7 and JP6 control the video gain. Use a shunt to short the pins of the jumpers as shown in the table below (OFF = No Shunt, ON = Shunt):


| JP7 | JP6 | VIDEO GAIN |
|-----|-----|-------------------|
| OFF | OFF | No Gain (Default) |
| OFF | ON | Lowest Gain |
| ON | OFF | |
| ON | ON | Highest Gain |

Adjusting Audio Volume

If you need audio, connect an 8-ohm speaker to J2 on the Elite PI board. Set the volume by adjusting Volume pot R2 (3/4 turn pot). Adjust the pot clockwise to increase the volume.

CABLE NOTES:

- 1) Use shielded, twisted pair wires. We recommend using 24-gauge or larger wires. NOTE: Connect shields to controller/earth ground.
- 2) Use one wire of a twisted pair or a separate wire for common.
- 3) The audio input cable should be a shielded, twisted pair cable.
- 4) BNC composite video cable - 75 ohm RG6 recommended.
- 5) Twisted pair video cable - Unshielded twisted-pair wire recommended. Baluns required - C.E.# V23501P02

| | | | |
|---|--------------------------------|--------------------------|--|
| DATE DRAWN: 02/10/16 | DRAWN BY: DAC | REQUESTED BY: TE |  C.E. ELECTRONICS, INC. 2107 Industrial Drive Bryan, OH 43306 (419) 636-6705 |
| BOARD NUMBER: 3824 | LAST DATE REVISED: 10/06/17 | APPROVED BY: | |
| PRODUCT CE3824 TFT Setup Information | | DWG. NO. CE3824_SETUP | REV. B |