

# OX104-BXX | OX104-AXX

10.4" OTIS LUXURY PI SERIES

## OTIS

10.4" Luxury PI

The Otis Luxury PI is the most flexible position indicator available. With the Luxury PI Designer software, you can customize your own position indicator by selecting background colors and textures, fonts, and arrow styles. This system is so flexible you can even determine where the display elements appear on the screen. In addition to design flexibility, the Otis Luxury PI can display floor, priority, and time-based messages.

### TYPICAL APPLICATIONS:

- > Car operating panel
- > Car transom

### FEATURES:

- > Passing chime output
- > Live video (optional)
- > Self testing
- > Low profile
- > Luxury Designer software
- > Luxury Transfer software



**OTIS**

Otis Elevator Company

Newberry Road

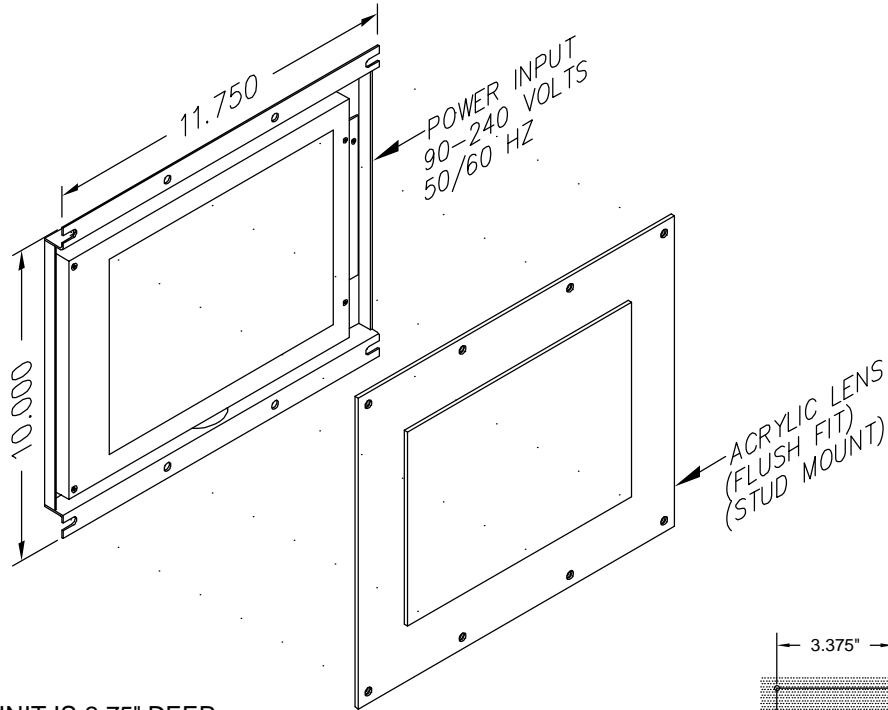
Bloomfield, CT

Ph: 860.676.6000

Otis Worldwide

[www.otisworldwide.com](http://www.otisworldwide.com)

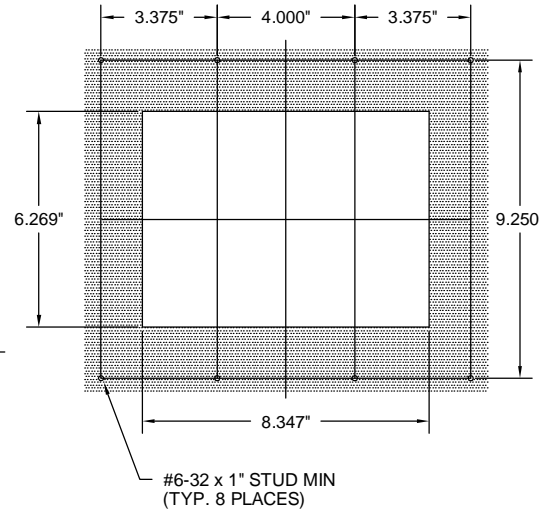
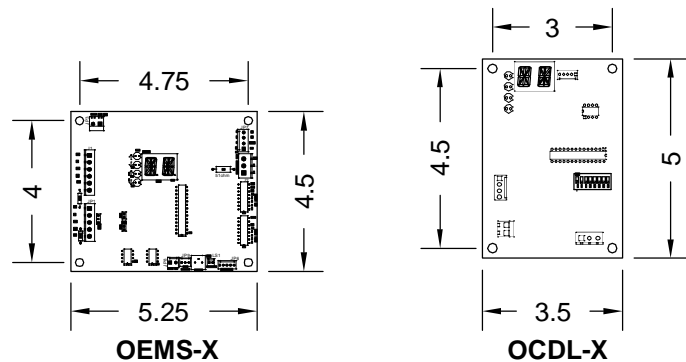




UNIT IS 2.75" DEEP.

REMOTE & AUXILIARY: 2.125" DEEP.

Additional space may be required for wiring.



## 10.4" Standard Luxury PI

The Otis Luxury PI is the most flexible position indicator available. With the Luxury layout software, you can customize your own position indicator by selecting background colors and textures, fonts, and arrow styles. This system is so flexible you can even determine where the display elements appear on the screen. In addition to design flexibility, the Otis Luxury PI can display floor, priority, and time-based messages.

### Typical Applications

- Car-op panel
- Transom car

### Features:

- Passing chime output
- Live video option
- Self testing
- Low profile
- Luxury designer software
- Luxury transfer software

## TO ORDER: - OX104 - A X X

### SERIES:

- "L" = MAIN
- "V" = VIDEO
- "A" = AUXILIARY PANEL LINK

### INTERFACE:

- "O" = OCDL
- "E" = OEMS

### TYPE:

- "M" = MAIN
- "R" = REMOTE

### DRIVER OPTIONS:

USE OEMS-X ONLY IF 411 SYSTEM IS USING THE EMS OPTION

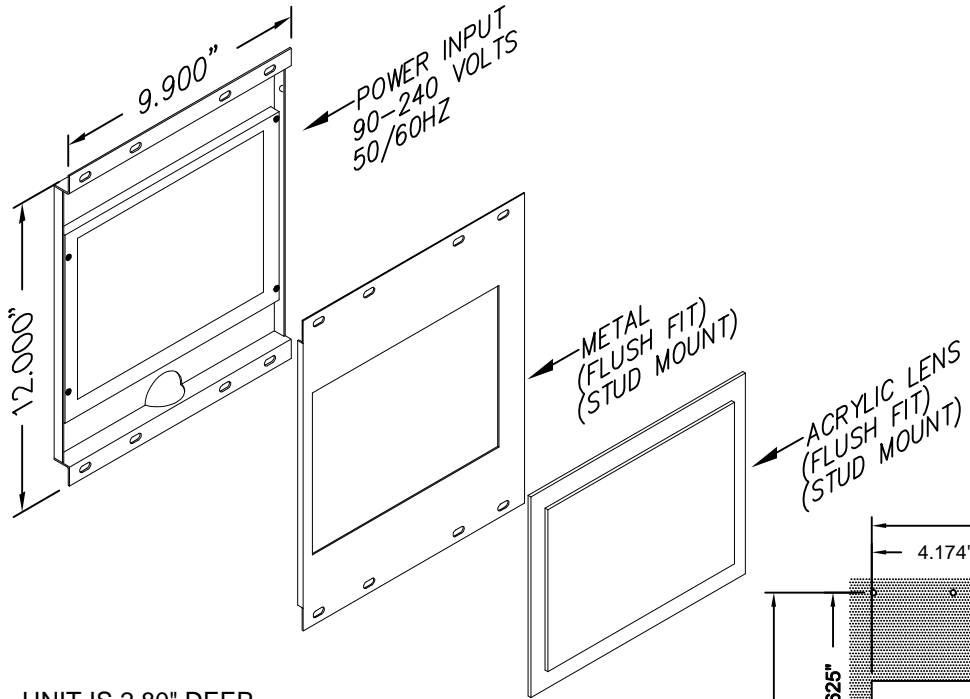


C.E. Electronics, Inc.  
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 Bryan, OH 43506  
 PH (419) 636-6705 FX (419) 636-2516  
 www.ceelectronics.com

# OX104-BXX

Ver. 3 Rel. 8/01/2016

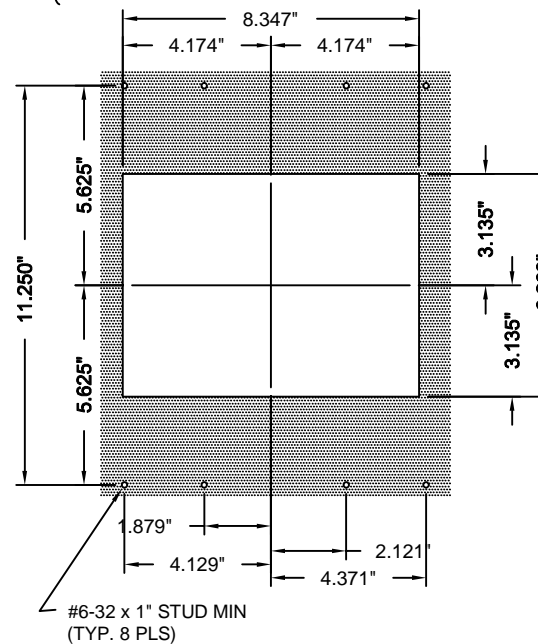
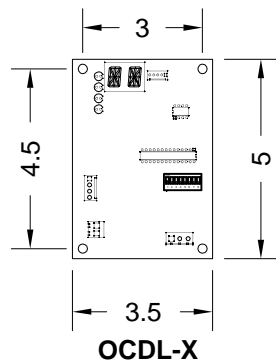
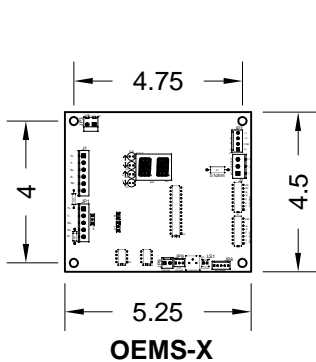
OTIS



UNIT IS 2.80" DEEP.

REMOTE & AUXILIARY: 2.125" DEEP.

Additional space may be required for wiring.



FRONT VIEW

## 10.4" Narrow Luxury PI - LIQUID CRYSTAL DISPLAY (LCD)

The Otis Luxury PI is the most flexible position indicator available. With the Luxury layout software, you can customize your own position indicator by selecting background colors and textures, fonts, and arrow styles. This system is so flexible you can even determine where the display elements appear on the screen. In addition to design flexibility, the Otis Luxury PI can display floor, priority, and time-based messages.

### Typical Applications

- Car-op panel
- Transom car

### Features:

- Passing chime output
- Live video option
- Self testing
- Low profile
- Luxury designer software
- Luxury transfer software

## TO ORDER: - OX104 - B X X

SERIES:

- "L" = MAIN
- "V" = VIDEO
- "A" = AUXILIARY PANEL LINK

INTERFACE:  
 "O" = OC DL  
 "E" = OEMS

TYPE:

- "M" = MAIN
- "R" = REMOTE

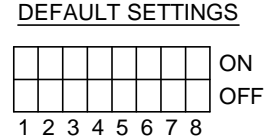
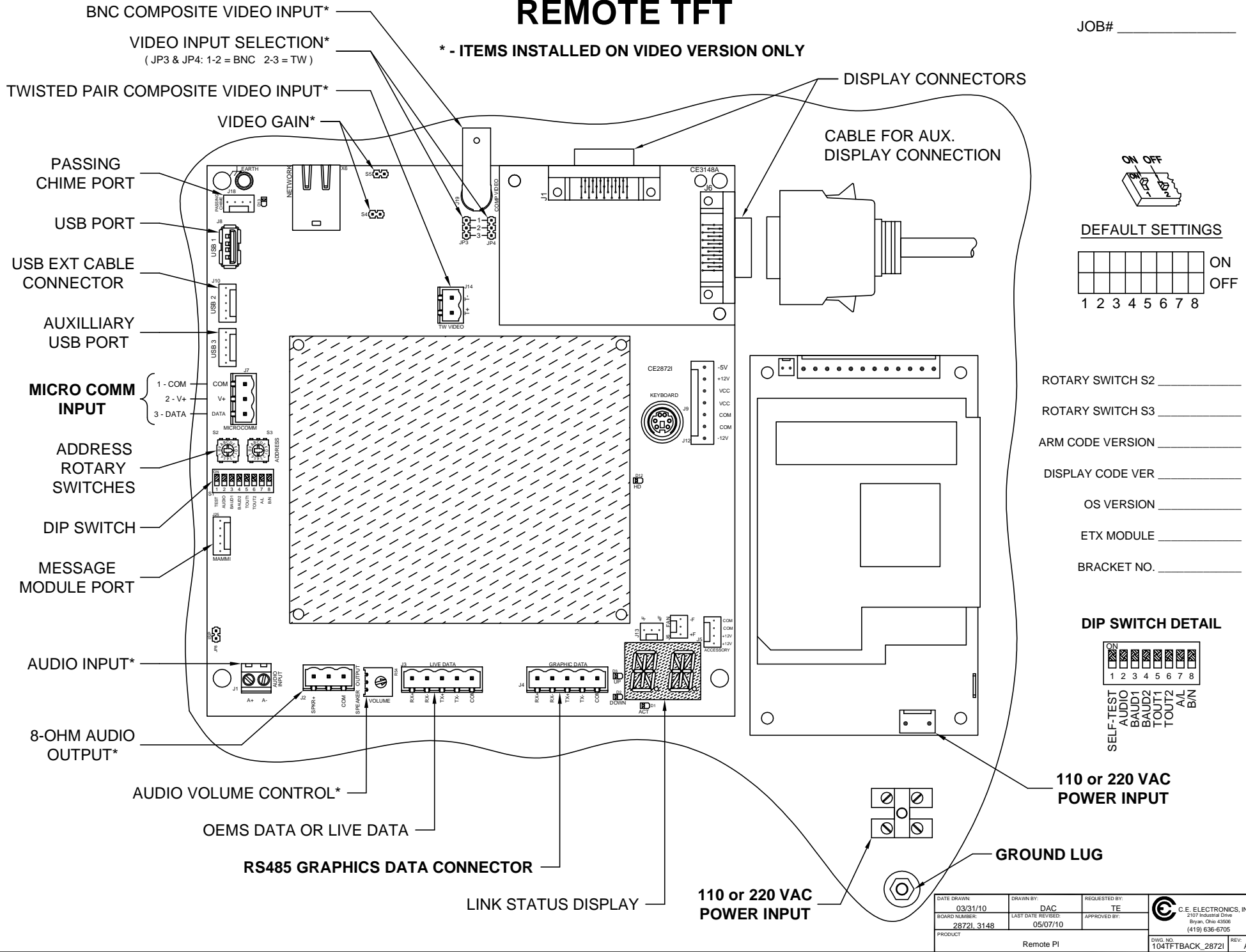
### DRIVER OPTIONS:

USE OEMS-X ONLY IF 411 SYSTEM IS USING THE EMS OPTION

# REMOTE TFT

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

\* - ITEMS INSTALLED ON VIDEO VERSION ONLY



ROTARY SWITCH S2 \_\_\_\_\_

ROTARY SWITCH S3 \_\_\_\_\_

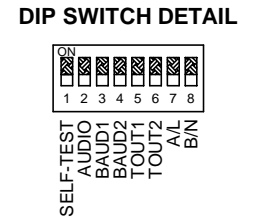
ARM CODE VERSION \_\_\_\_\_

DISPLAY CODE VER \_\_\_\_\_

OS VERSION \_\_\_\_\_

ETX MODULE \_\_\_\_\_

BRACKET NO. \_\_\_\_\_



110 or 220 VAC  
POWER INPUT

GROUND LUG

110 or 220 VAC  
POWER INPUT

DATE DRAWN: 03/31/10	DRAWN BY: DAC	REQUESTED BY: TE	<p>C.E. ELECTRONICS, INC. 2107 Industrial Drive Bryan, Ohio 43006 (419) 636-6705</p>
BOARD NUMBER: 28721, 3148	LAST DATE REVISED: 05/07/10	APPROVED BY:	
PRODUCT Remote PI			
DWG. NO. 104TFTBACK_28721			

REV: A

## NORMAL RUN MODE

### DIP SWITCH SETTINGS

#### DIP Switch 1 - Test Mode

Off = Normal Run Mode

On = Test Mode. 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 (Default)
OFF	ON	19200
ON	OFF	38400
ON	ON	57600

#### DIP Switch 6, 5 - Watchdog Period (Length of time PIC waits for 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 Present

Right Cube Dot = Door Strobe Active

#### DIP Switch 8 - Single/Multi-Car

Off = Single Car

On = Multi-Car

### ROTARY SWITCH SETTINGS

Rotary Switch S2 - Used for USB transfers. Default setting is 0.

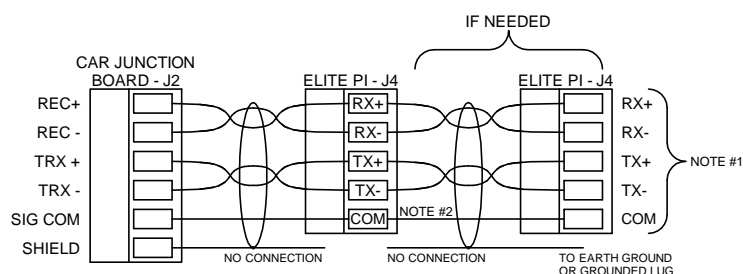
Rotary Switch S3 - Unit Address

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.

S3	Unit Address	S3	Unit Address
0	1	8	9
1	2	9	10
2	3	A	11
3	4	B	12
4	5	C	13
5	6	D	14
6	7	E	15
7	8	F	16

### CAR JUNCTION BOARD to ELITE PI and (if needed) to ELITE PI



## VIDEO TEST MODE

Video test mode uses a combination of DIP switch and rotary switch settings. Please write down the initial setting of the S2 and S3 rotary switches before starting this process.

### Entering Video Test Mode

Set DIP switch 1 to OFF, then set S2 and S3 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 S2 as shown below:

S2	Adjustment	S2	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 S3 for the best display quality.

### Default and Original Settings

Default will reset the display to the factory default settings, and Original will cancel any changes made and restore the values stored before entering Video Test mode. Highlight the item to use, turn S3 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 S2 and S3 to the values recorded before starting the process.

### Video Gain

S5 and S4 control the video gain. Use a shunt to short the pins of the switches as shown in the table below (OFF = No Shunt, ON = Shunt):

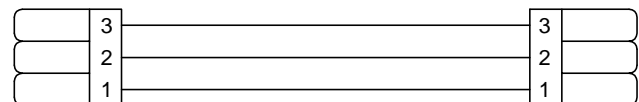
S5	S4	VIDEO GAIN
OFF	OFF	No Gain (Default)
OFF	ON	Lowest Gain
ON	OFF	
ON	ON	Highest Gain

### Adjusting Audio Volume

If audio is needed, connect an 8-ohm speaker to J1 on the converter board. Set the volume by adjusting Volume pot R2 (3/4-turn pot). Adjust the pot clockwise to increase the volume.

### MICRO COMM LINK

(18-GAUGE WIRE)



### CABLE NOTES:

- Connections should be made using shielded, twisted-pair wires. We recommend using Consolidated 24-gauge, 3-pair shielded cable, part no. CL-5756 or equivalent.
- Only one wire of the twisted pair is used for signal common.
- The audio input cable should be a shielded, twisted pair cable.
- BNC composite video cable - 75-ohm RG6 recommended.
- Twisted pair video cable - Unshielded twisted-pair wire recommended.

DATE DRAWN: 03/14/03	DRAWN BY: D.W.S.	REQUESTED BY: T.E.	 C.E. ELECTRONICS, INC. 2107 Industrial Drive Bryan, Ohio 43506 (419) 636-6705
BOARD NUMBER: 2872	LAST DATE REVISED: 10/14/05	APPROVED BY:	
PRODUCT	DWG. NO. CE2872A2	REV. E	