OMN57-BXX
5.7 MINI PI

The Mini PI is a flexible position indicator which can be customized for any building or corporation. This customization can reflect architectural elements, color schemes, and corporate identity. Within this customization, information can be presented to passengers regarding the elevator's current position and direction, arrival arrows along with priority messages from the controller. It's also designed to be a destination type display showing floors served when in destination mode.

These units also have a non-movement blanking to help preserve backlight life.

TYPICAL APPLICATIONS:
> Car operating panel
> Car transom
> Lobby / arrival arrows
> Destination Display
> Message

FEATURES:
> Simple voice
> Passing chime output
> Self testing
> USB Updatable
> Low profile
> Destination Display
> Backlight saver function / Default On
> Otis RSL input

ARRIVAL ARROW | DESTINATION-BASED | MESSAGING | PRIORITY MESSAGING | TRAVELING PI

C.E. Electronics, Inc.
2107 Industrial Drive
Bryan, OH 43506
PH (419) 636-6705 FX (419) 636-2516
www.ceelectronics.com

OMN57-BXX
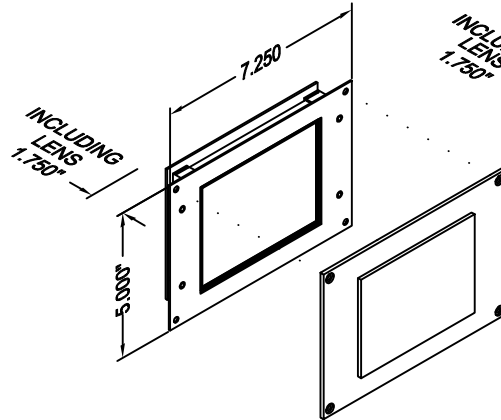Ver. 3 Rel. 4/03/2014

MINI PI ™

5.7" Mini

The Mini PI is a flexible position indicator which can be customized for any building or corporation. This customization can reflect architectural elements, color schemes, and corporate identity. Within this customization, information can be presented to passengers regarding the elevator's current position and direction, arrival arrows along with priority messages from the controller. It's also designed to be a destination type display showing floors served when in destination mode. They are full color, have simple voice options and are USB updatable. These units also have a non-movement blanking to help preserve backlight life.
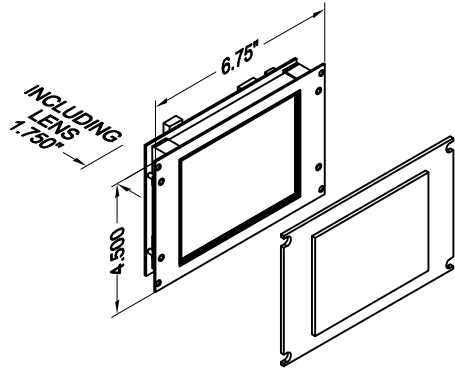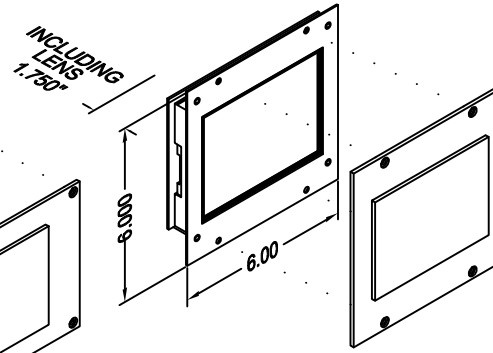

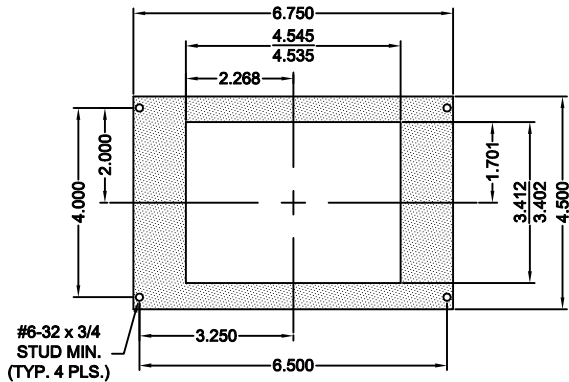**SMALL**
PANEL PREP
AS VIEWED FROM FRONT
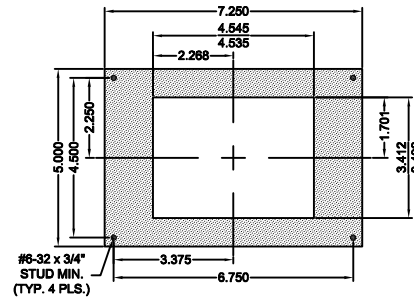
HORIZONTAL
PANEL PREP
AS VIEWED FROM FRONT

VERTICAL
PANEL PREP
AS VIEWED FROM FRONT

Typical Applications
- Car operating panel
- Car transom
- Lobby / arrival arrows
- Destination Display
- Message

Features:
- Simple voice
- Passing chime output
- Self test
- USB Updatable
- Low profile
- Destination Display
- Backlight saver function / default on
- Otis RSL input

SMALL

OMN57-BSX RELATED DRAWINGS	
DESCRIPTION	DRAWING NAME
PANEL PREP.	PP57-3
DETAIL DIM.	DD57-3

* STANDARD PART *

HORIZONTAL

OMN57-BHX RELATED DRAWINGS	
DESCRIPTION	DRAWING NAME
PANEL PREP.	PP57-1
DETAIL DIM.	DD57-1
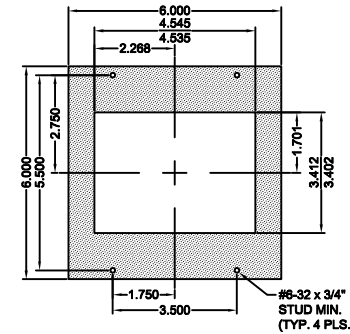
VERTICAL

OMN57-BVX RELATED DRAWINGS	
DESCRIPTION	DRAWING NAME
PANEL PREP.	PP57-2
DETAIL DIM.	DD57-2

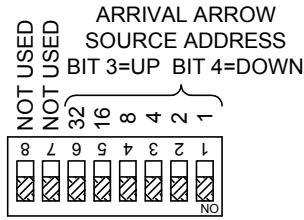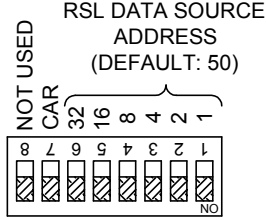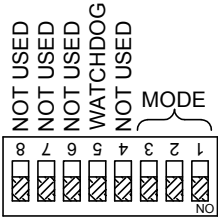TO ORDER: - OMN57 - BXX

"H" = HORIZONTAL
"V" = VERTICAL
"S" = SMALL
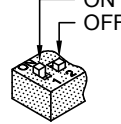"X" = NO SPEAKER
"S" = SPEAKER
"G" = GONG SPEAKER

NOTE:
Standard lens: add .125".
Depth includes room for reasonable wiring space.

~Some features may not be available for your system. Please check with your manufacture or engineering for special features. ~
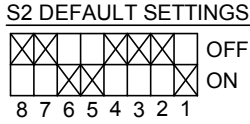
OMN57-BXX

JOB# _____

NOTE: TYPICAL CURRENT DRAW IS 350 mA at 24 VDC

NOT USED
NOT USED
NOT USED
WATCHDOG
NOT USED
MODE

8 7 6 5 4 3 2 1
ON

RSL DATA SOURCE ADDRESS (DEFAULT: 50)

NOT USED
CAR
32 16 8 4 2 1

8 7 6 5 4 3 2 1
ON

ARRIVAL ARROW SOURCE ADDRESS
BIT 3=UP BIT 4=DOWN

NOT USED
NOT USED
32 16 8 4 2 1

8 7 6 5 4 3 2 1
ON

DS1	DS2	DS3	S1 MODE FUNCTIONS
OFF	OFF	OFF	NORMAL OPERATION
ON	OFF	OFF	DISPLAY TEST MODE
ON	ON	OFF	AUDIO / UNIT TEST MODE

S1 DEFAULT SETTINGS
OFF
ON
8 7 6 5 4 3 2 1

S2 DEFAULT SETTINGS
OFF
ON
8 7 6 5 4 3 2 1

S3 DEFAULT SETTINGS
OFF
ON
8 7 6 5 4 3 2 1

ON
OFF

USB PORT FOR PROGRAM UPDATES
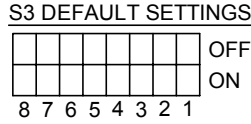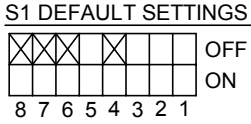
OPTIONAL PASSING CHIME PORT

PASSING CHIME J4

E4 E2 E1
FA FM WD
MODE
8 7 6 5 4 3 2 1
ON
S1

E32 CAR MSG ADDR
REAR 64 32 16 8 4 2 1
8 7 6 5 4 3 2 1
ON
S2

E16 E8 ARRV ADDR
32 16 8 4 2 1 S3
8 7 6 5 4 3 2 1
ON

MESSAGE J3

USB PORT

J7 J6

J11

MESSAGE MODULE PORT

OPTIONAL USB EXTENSION CABLE

J10
1
2
3
4
P1

ACTIVITY LED PROCESSOR 1

ACTIVITY LED PROCESSOR 2
ACT

1 - L1
2 - L2
3 - COM
4 - VIN

RSL INPUT

CE3657A

8-OHM SPEAKER PORTS ONLY USE ONE PORT

J8

R89

VOLUME

SPK+ SPK- SPK-

J9

SPEAKER OUT

SPKR+ SPKR-

VOLUME CONTROL

J12

DIP Switches S2 and S3:
DS1 - DS6 set the unit's Addresses

DS6 (32)	DS5 (16)	DS4 (8)	DS3 (4)	DS2 (2)	DS1 (1)	ADDRESS
0	0	0	0	0	0	1
0	0	0	0	0	1	2
0	0	0	0	1	0	3
0	0	0	0	1	1	4
0	0	0	1	0	0	5
0	0	0	1	0	1	6
:	:	:	:	:	:	:
:	:	:	:	:	:	:
1	1	1	1	0	1	62
1	1	1	1	1	0	63
1	1	1	1	1	1	64

CE3657 ___ ARM CODE VERSION _____

DESIGN VERSION _____

AUDIO VERSION _____

CRCG _____

CRCA _____

OCDL CRC _____

ODAA CRC _____

To set the RSL or Arrival Arrow Address, subtract one (1) from the required address number and then set the DIP switches for the resulting number, using the values shown at the top of the column. For example, Address 50 is (50-1=49), then DS6 (32), DS5 (16), and DS1 (1). 32+16+1=49.

DATE DRAWN: 04/02/13	DRAWN BY: DAC	REQUESTED BY: TE	C.E. ELECTRONICS, INC.
BOARD NUMBER: 3657	LAST DATE REVISED: -	APPROVED BY:	2107 Industrial Drive Bryan, Ohio 43506 (419) 636-6705
PRODUCT OMN57-BXX UNIBOARD 5.7" TFT RA RSL INPUT		DWG. NO. XMN57_01	REV: -