

EMN104T-BCPX

10.4" Touch Screen



TOUCH

10.4" Touch Screen

This touch screen is a flexible input 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 floor input selection or handicap mode with a bank directory. Shared audio and video memory.

TYPICAL APPLICATIONS:

- > Lobby & Floor Inputs
- > Security

FEATURES:

- > Low Voltage 24 Volt
- > Voice capable (WAV 16KHZ mono)
- > 256 Color
- > 25 MB shared audio/video capability
- > 80 x 80 x 80 x 80 viewing angle
- > USB Update
- > PCAP Touch Pad



C.E. Electronics, Inc. (US) 2107 Industrial Drive, Bryan, Ohio 43506 p: 419.636.6705 www.creelectronics.com

C.E. Electronics, Ltd. (UK) P.O. Box 1679 Marlow, Bucks SL7 3ZG, UK p: +44 (0) 1628 487633 www.creelectronics.co.uk



UL508

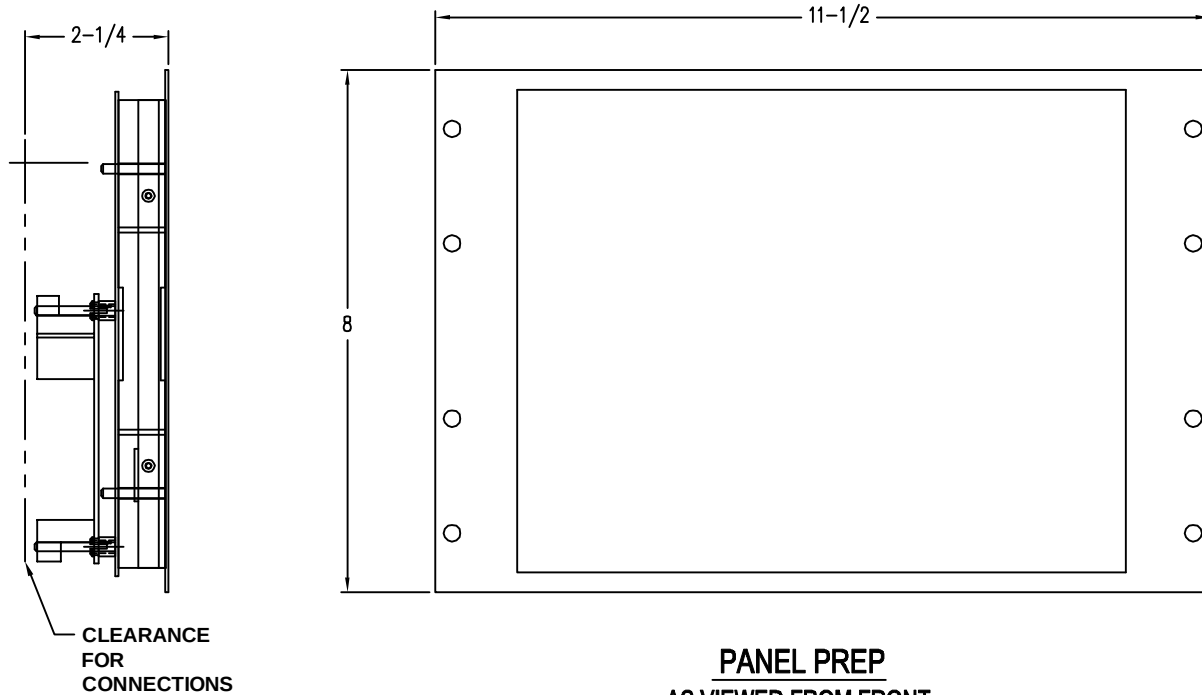


C.E. Electronics, Inc.
2107 Industrial Drive
Bryan, OH 43506
PH (419) 636-6705 FX (419) 636-2516
www.cееlectronics.com

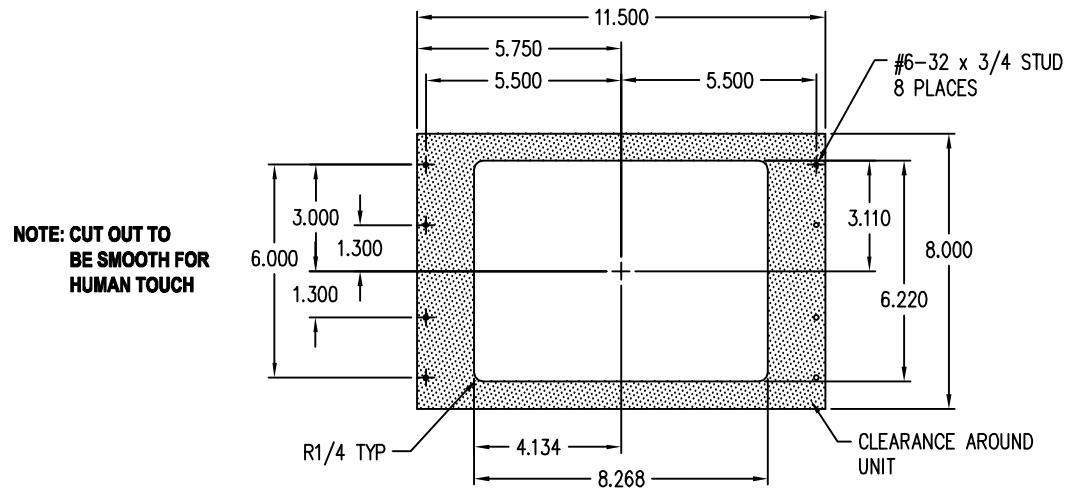
EMN104T-BCPX

Version 1 - Release 2/4/2022

TOUCH™



PANEL PREP AS VIEWED FROM FRONT



10.4 Inch Touch Screen

This touch screen is a flexible input 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 floor input selection or handicap mode with a bank directory. Shared audio and video memory.

Typical Applications

- Lobby & Floor Inputs
- Security

Features:

- Low cost
- Low profile
- Voice capable (WAV 16KHZ mono)
- 256 Color
- 25MB shared audio/video capability
- 80 x 80 x 80 x 80 viewing angle
- USB Update
- PCAP Touch Sensor

TO ORDER: - EMN104T - BCPX

"U" = Remote USB cable

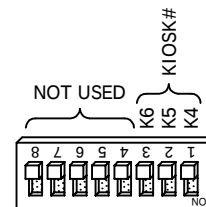
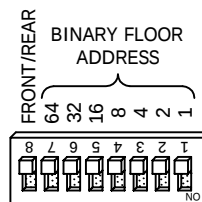
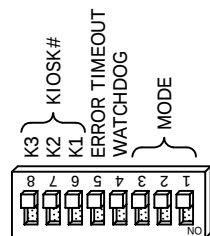
~ Some features may not be available for your system. Please check with your manufacture or engineering for special features. ~

RELATED DRAWINGS

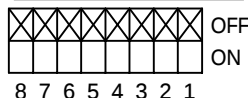
DESCRIPTION	DRAWING NAME
PANEL PREP.	PP104T-2
DETAIL DIM.	DD104T-2

10.4 TOUCH UNIT

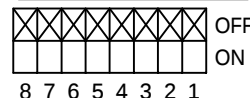
JOB# _____



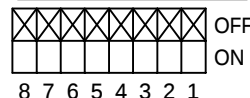
S1 DEFAULT SETTINGS



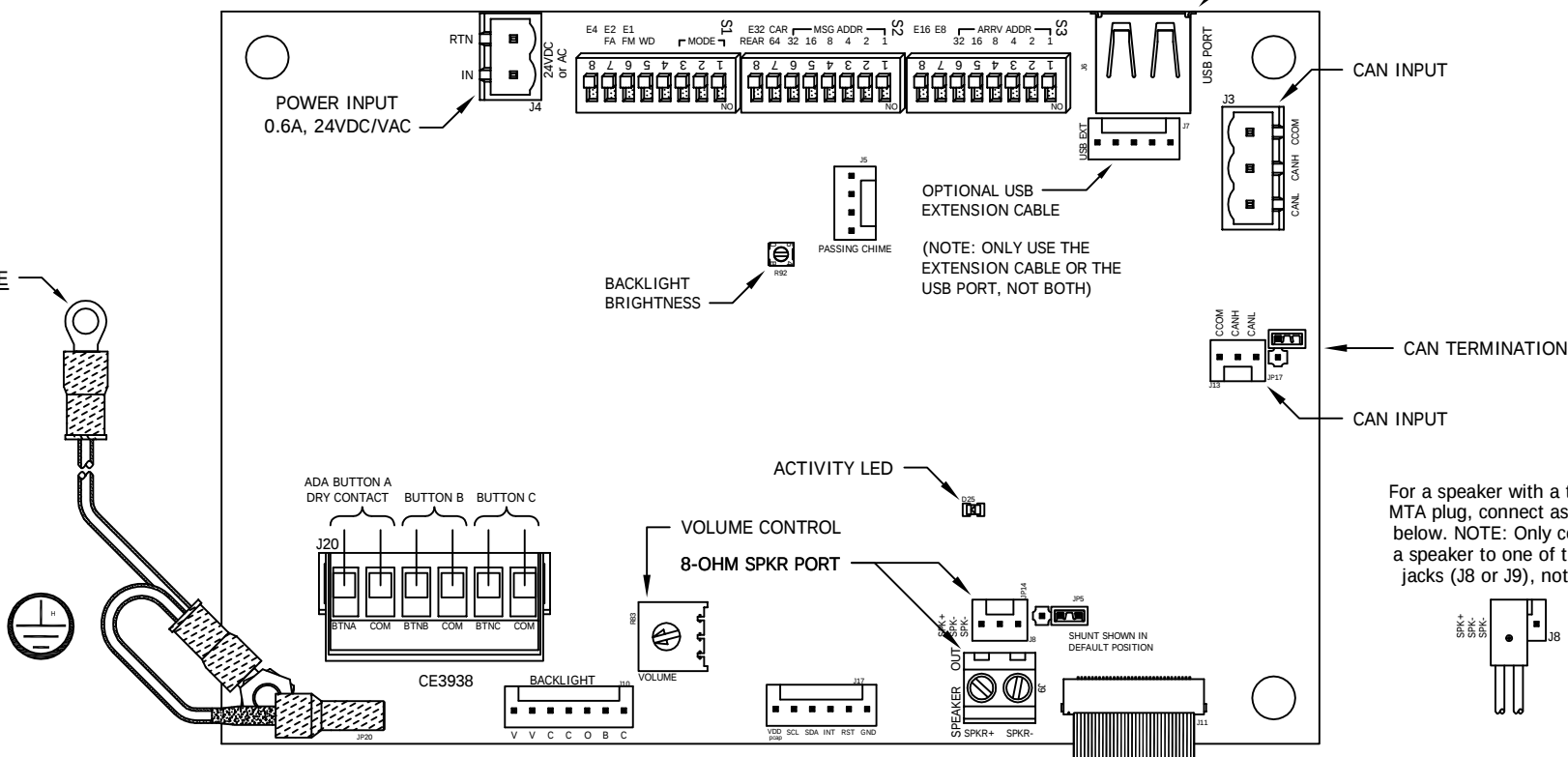
S2 DEFAULT SETTINGS



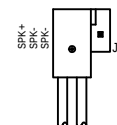
S3 DEFAULT SETTINGS



2-FT. GROUND WIRE
CONNECT TO
EARTH GROUND



For a speaker with a two-pin
MTA plug, connect as shown
below. NOTE: Only connect
a speaker to one of the two
jacks (J8 or J9), not both.



BOARD VERSION CE3938 ____

TOUCH CODE VERSION _____

DESIGN VERSION _____

NOTE: SETUP INFORMATION IS ON THE BACK SIDE OF THIS PAGE.

DATE DRAWN: 01/29/20	DRAWN BY: DAC	REQUESTED BY: TE	C.E. ELECTRONICS, INC. 2107 Industrial Drive Bryan, OH 43506 (419) 636-6705
BOARD NUMBER: 3938	LAST DATE REVISED: 07/18/24	APPROVED BY:	
PRODUCT 10.4" ELITE TOUCH® DISPLAY	DWG. NO. EMN104T-B_02	REV: C	

S1 DIP SWITCH SETTINGS

DIP Switches 1, 2, 3 - Run Mode

DS1	DS2	DS3	UNIT RUN MODE
OFF	OFF	OFF	Normal Operation
OFF	ON	OFF	Not Used at the present time
ON	OFF	OFF	Test Mode - Unit will cycle through all of the panels in the design. Used to examine the display programming.
ON	ON	OFF	Factory Test Mode - shows various status data in text on the screen (DIP switch settings, play test audio, button status, SD card present detect, touch status).
ON	OFF	ON	Touch Screen Calibration (Follow On-screen Prompts)
ON	ON	ON	Not Used at the present time
			DEMO MODE (S2 1-7 ON)
OFF	OFF	OFF	Dispatch
OFF	OFF	ON	Down Only
OFF	ON	OFF	Up Only
OFF	ON	ON	Both Up and Down

DIP Switch 4 - (WD) - Watchdog

OFF = Processor resets on lockups.

ON = Processor does NOT reset on lockups.

DIP Switch 5 - CAN Communication Error Timeout

OFF = Unit will show *No Communication / Out Of Service* on the screen if CAN packets aren't received from the DSC within 70 seconds.

ON = Unit will never timeout for loss of CAN packets. Development and Demo Mode use.

S1 DIP Switches 6, 7, 8 and S3 DIP Switches 1, 2

Kiosk Location (or Number of Elevators in DEMO MODE)

S3-2 (K5)	S3-1 (K4)	S1-8 (K3)	S1-7 (K2)	S1-6 (K1)	Kiosk Location of this unit
OFF	OFF	OFF	OFF	OFF	Kiosk Location = 1
OFF	OFF	OFF	OFF	ON	Kiosk Location = 2
OFF	OFF	OFF	ON	OFF	Kiosk Location = 3
ON	ON	ON	OFF	ON	Kiosk Location = 30
ON	ON	ON	ON	OFF	Kiosk Location = 31
ON	ON	ON	ON	ON	Kiosk Location = 32

S2 DIP SWITCH SETTINGS

DIP Switches 1-7 - Unit Floor Number: set for the floor the unit is installed on.

DS7 (64)	DS6 (32)	DS5 (16)	DS4 (8)	DS3 (4)	DS2 (2)	DS1 (1)	FLOOR NUMBER OF THIS UNIT
OFF	OFF	OFF	OFF	OFF	OFF	OFF	Floor Number = 1
OFF	OFF	OFF	OFF	OFF	OFF	ON	Floor Number = 2
OFF	OFF	OFF	OFF	OFF	ON	OFF	Floor Number = 3
OFF	OFF	OFF	OFF	OFF	ON	ON	Floor Number = 4
OFF	OFF	OFF	OFF	ON	OFF	OFF	Floor Number = 5
OFF	OFF	OFF	OFF	ON	OFF	ON	Floor Number = 6
:	:	:	:	:	:	:	:
:	:	:	:	:	:	:	:
ON	ON	ON	ON	ON	OFF	ON	Floor Number = 126
ON	ON	ON	ON	ON	ON	OFF	Floor Number = 127
ON	ON	ON	ON	ON	ON	ON	DEMO MODE

DIP Switch 8 - (R) - Front/Rear: Set to Front/Rear as required by installation.

OFF = Unit is set as a Front unit.

ON = Unit is set as a Rear unit.

Loading Code and Design Updates from a USB Flash Drive

To load a new code or design file, plug the USB Flash Drive into the USB port on the Touch unit. After a few seconds, the Touch unit prompts that it will reboot in four seconds. On reboot, the unit looks for a code (.BEC) file, loads it if present, and reboots again. After the second reboot (or if no code file exists), the unit looks for a design (.BND) file and loads it if present. The unit runs the new design after it finishes loading. Disconnect the USB Flash Drive from the Touch unit.

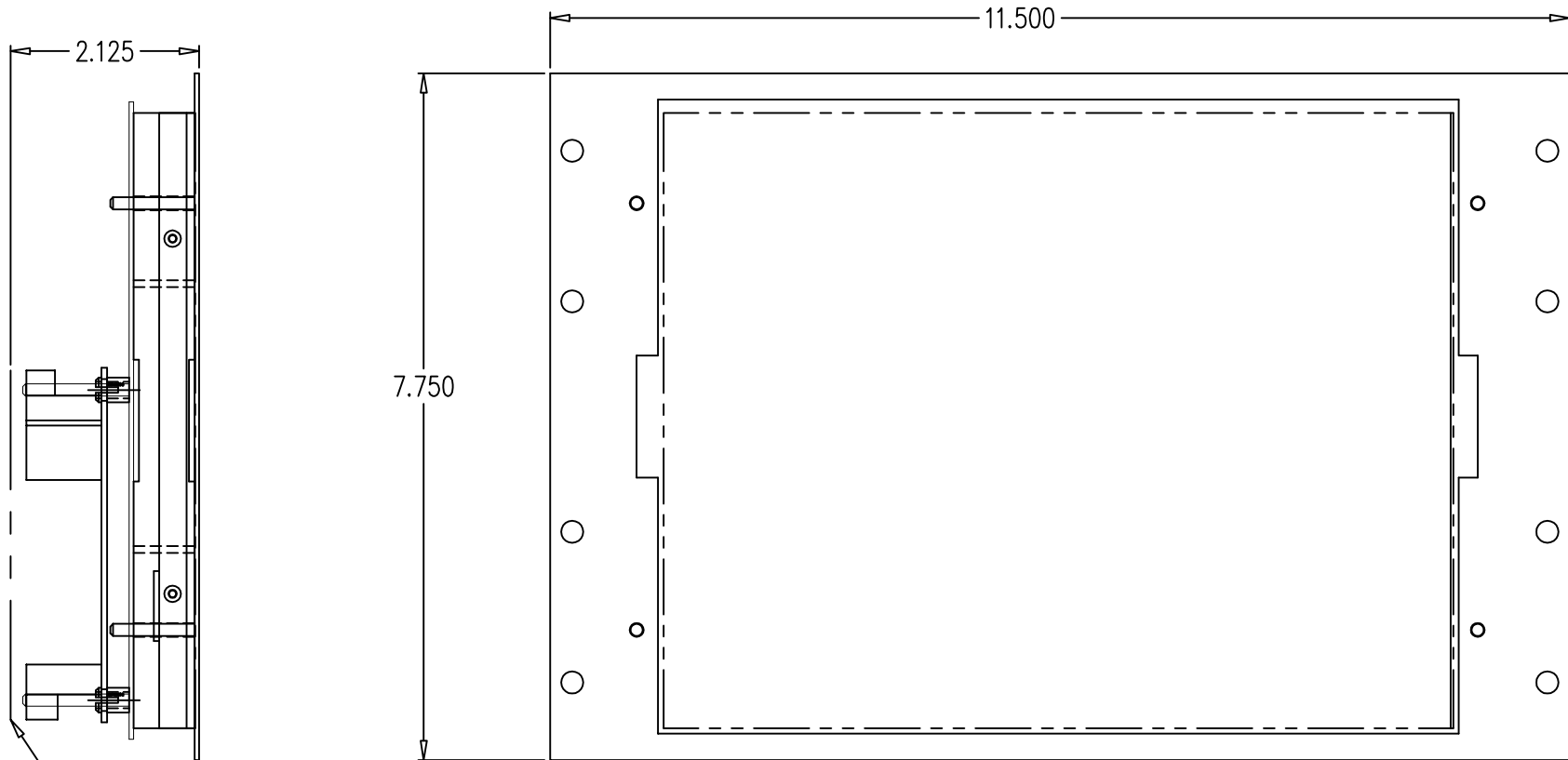
Activity LED - Flashes to indicate the processor is operating.

Adjusting Audio Volume

If audio is needed, connect a four-ohm or eight-ohm speaker to connector J4 using a two-pin MTA connector. Set up the volume by adjusting the Volume pot (3/4-turn pot). Adjusting counter-clockwise increases the volume.

WARNING: Do NOT use excessive force on the pot - it is plastic and could break.

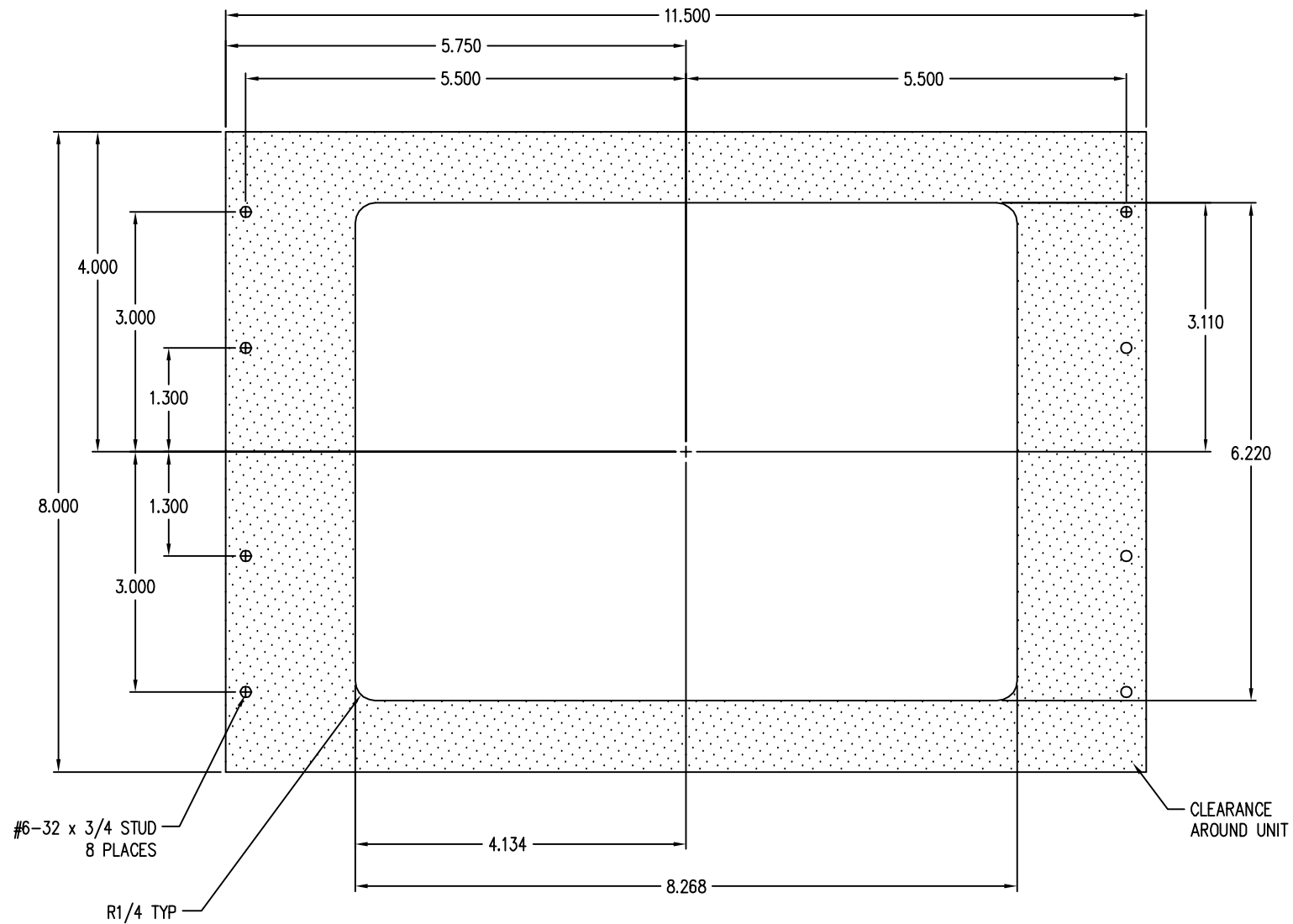
DATE DRAWN: 05/31/12	DRAWN BY: DAC	REQUESTED BY: TE	 C.E. ELECTRONICS, INC. 2107 Industrial Drive Bryan, OH 43506 (419) 636-6705
BOARD NUMBER: N/A	LAST DATE REVISED: 06/08/20	APPROVED BY:	
PRODUCT TOUCH SCREEN SETUP SHEET (C)			
DWG. NO. TOUCH_SETUP			REV: E



CLEARANCE FOR
CONNECTIONS

DATE DRAWN: 5/15/2015		LAST DATE REVISED .		SCALE .		PART #	
DRAWN BY: DWS		TOLERANCE UNLESS OTHERWISE SPECIFIED: .					
REQUESTED BY: .		TOLERANCE FOR CUTOFF (WINDOW): .					
TITLE: 10.4 TOUCH PANEL DIMENSIONAL DATA		DWG. NO. DD104T-2		REV: .		LENS NUMBER: . BOARD # & REV: . APPROVED BY: Signature: _____ Date: _____ Company: _____	

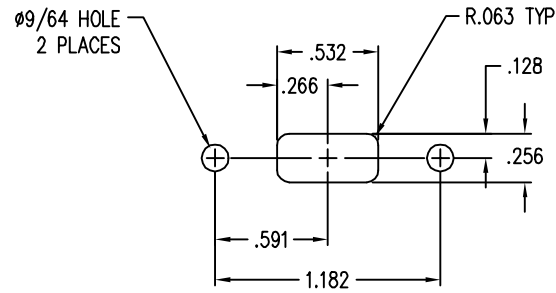

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 (419) 636-6705



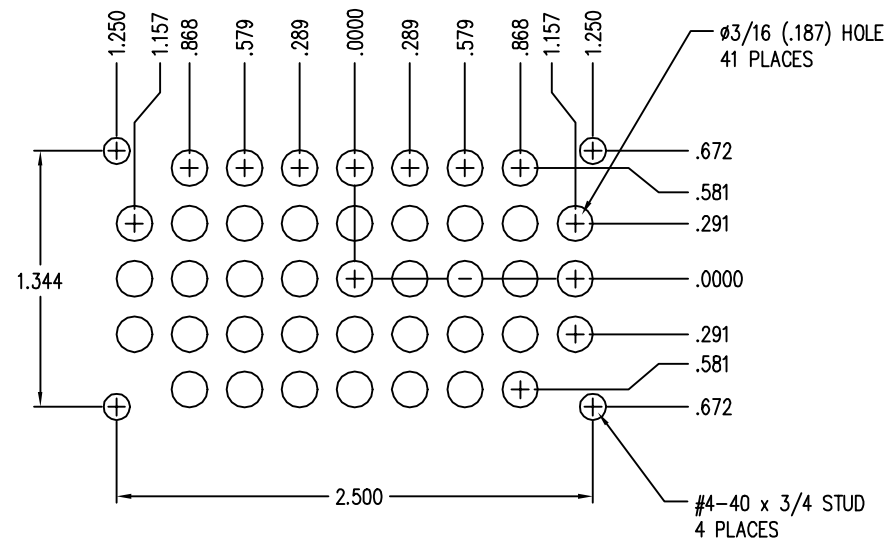
LENS NUMBER:	BOARD # & REV:
APPROVED BY:	
Signature:	
Date:	
Company:	

DATE DRAWN: 5/15/2015	LAST DATE REVISED 11/5/2021	SCALE NTS	PART #
DRAWN BY: DWS	TOLERANCE UNLESS OTHERWISE SPECIFIED: ±.010		 C.E. ELECTRONICS, INC. 2107 Industrial Drive Bryan, Ohio 43506 (419) 636-6705
REQUESTED BY:	TOLERANCE FOR CUTOFF (WINDOW):		
TITLE: 10.4 TOUCH PANEL PREP			DWG. NO. PP104T-2 REV. A

REMOTE USB - PANEL PREP

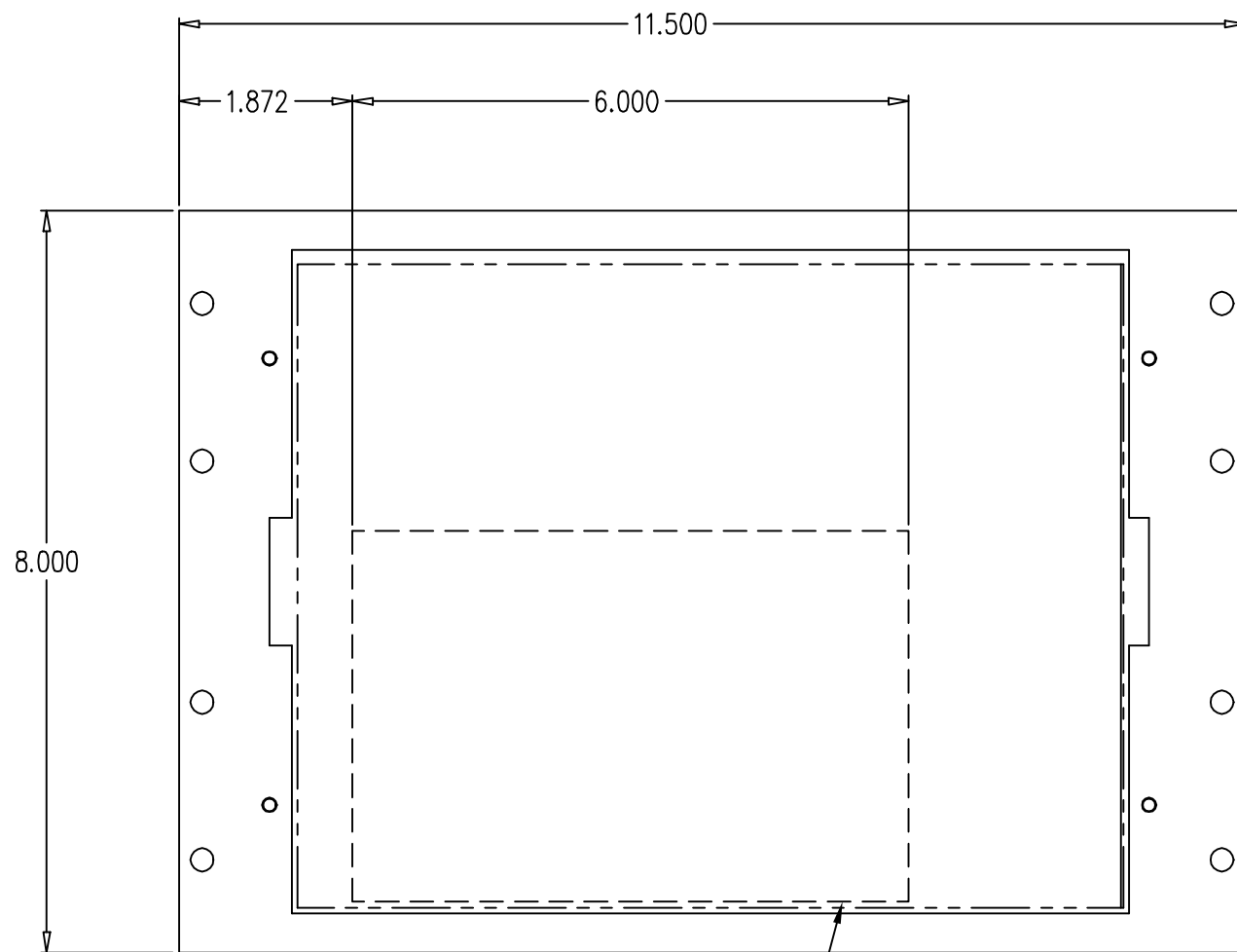
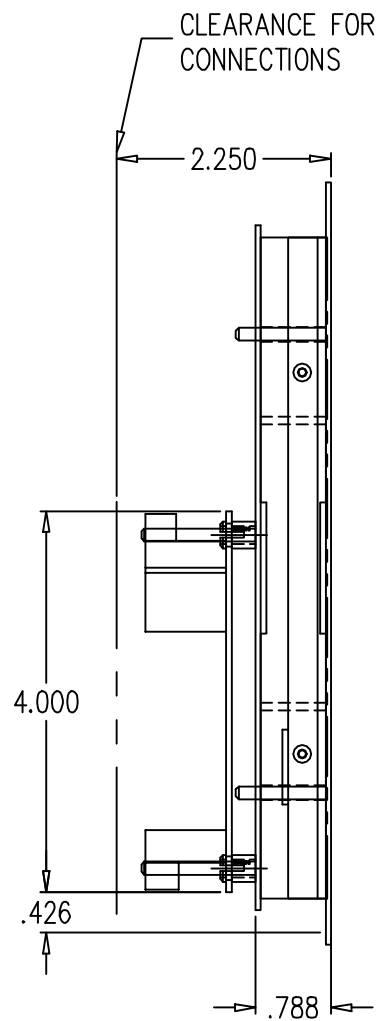


OVAL SPEAKER - PANEL PREP
REFERENCE # 72000011



LENS NUMBER:	BOARD # & REV:
APPROVED BY:	
Signature:	
Date:	
Company:	

DATE DRAWN: 11/4/2021	LAST DATE REVISED	SCALE NTS	PART #
DRAWN BY: RNT	TOLERANCE UNLESS OTHERWISE SPECIFIED: $\pm .005$		C.E. ELECTRONICS, INC. 2107 Industrial Drive Bryan, Ohio 43506 (419) 636-6705
REQUESTED BY:	TOLERANCE FOR CUTOFF (WINDOW):		
TITLE: REMOTE USB & OVAL SPEAKER PANEL PREP			DWG. NO. REUSBOVLSP-PP REV:



ELECTRONICS BOARD

DATE DRAWN: 5/15/2015		LAST DATE REVISED 11/10/2021		SCALE		PART #:	
DRAWN BY: DWS		TOLERANCE UNLESS OTHERWISE SPECIFIED:		TOLERANCE UNLESS OTHERWISE SPECIFIED:		C.E. ELECTRONICS, INC. 2107 Industrial Drive Bryan, Ohio 43508 (419) 636-6705	
REQUESTED BY:		TOLERANCE FOR CUTOUT (WINDOW):		TOLERANCE FOR CUTOUT (WINDOW):		DD104T-2	
TITLE: 10.4 TOUCH PANEL DIMENSIONAL DATA		DWG. NO.		REV. NO.		REV. B	