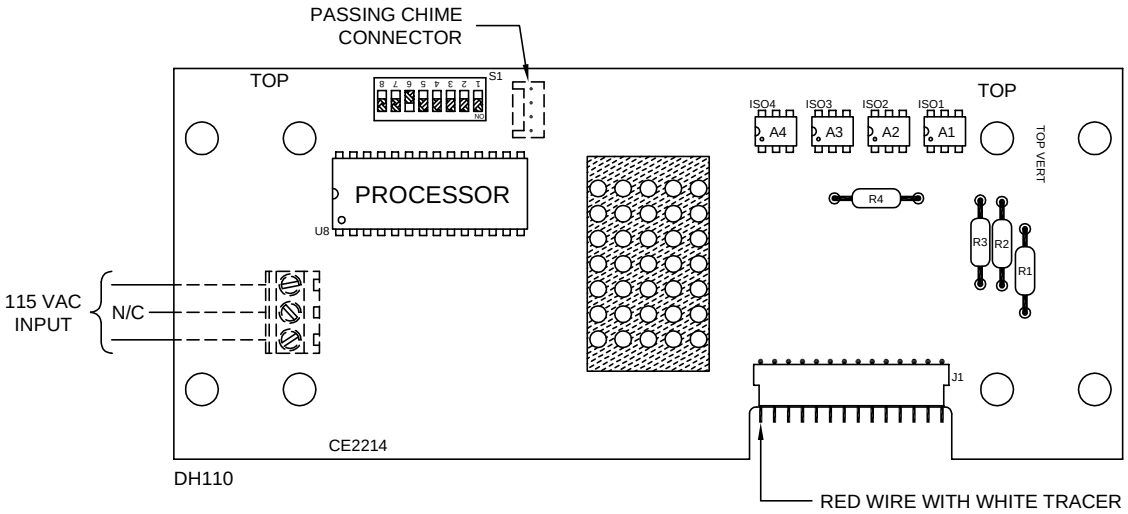
SINGLE-DIGIT DOT MATRIX DISPLAY

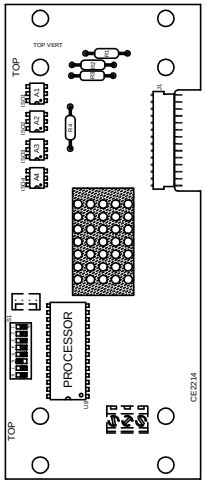
DH110, DV110, DH120, DV120, DH130, DV130

JOB# _____

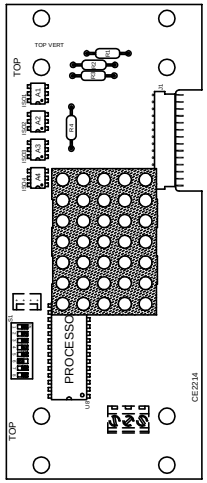


DH110

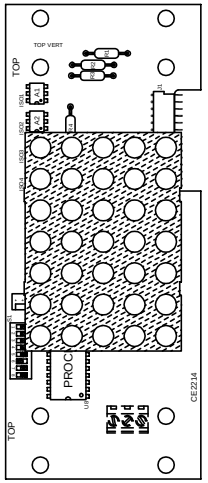
NOTE: PASSING CHIME CONNECTOR AND POWER CONNECTION ARE ON THE BACK OF THE BOARD.



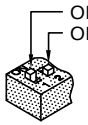
DV110



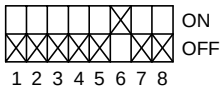
DV120

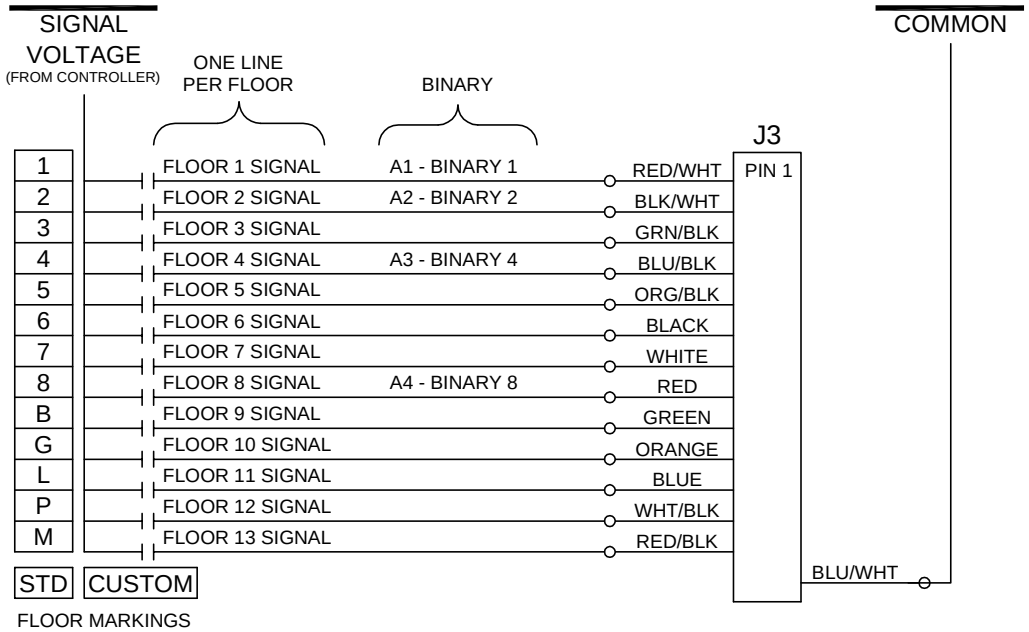


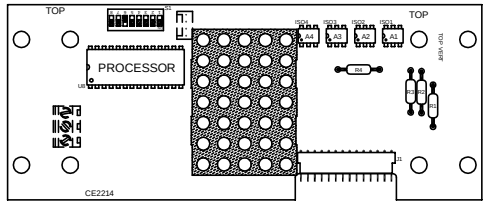
DV130



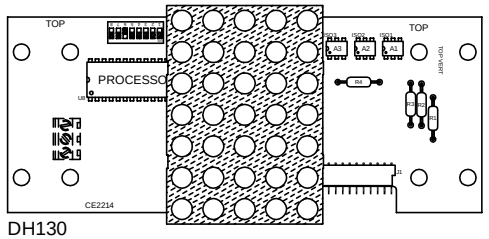
DEFAULT SETTINGS







DH120



DH130

CODE VERSION _____

BOARD VERSION CE2214 _____

NOTE: IF FORMAT IS BINARY OR GRAY CODE, SEE CHART ON BACK!

DATE DRAWN: 08/29/05	DRAWN BY: DAC	REQUESTED BY: DAC	C.E. ELECTRONICS, INC. 2107 Industrial Drive Bryan, Ohio 43506 (419) 636-6705
BOARD NUMBER: 2214	LAST DATE REVISED: 04/18/11	APPROVED BY:	
PRODUCT: SINGLE-DIGIT DM DISPLAY			DWG. NO. DM-SINGLE_01 REV: B

BINARY FLOOR CHART

Standard Floor Markings		Custom Floor Markings	
BINARY BITS A4 - BIN 1 A3 - BIN 1 A2 - BIN 1 A1 - BIN 1		BINARY BITS A4 - BIN 1 A3 - BIN 1 A2 - BIN 1 A1 - BIN 1	
1101	M	1101	_____
1100	P	1100	_____
1011	L	1011	_____
1010	G	1010	_____
1001	B	1001	_____
1000	8	1000	_____
0111	7	0111	_____
0110	6	0110	_____
0101	5	0101	_____
0100	4	0100	_____
0011	3	0011	_____
0010	2	0010	_____
0001	1	0001	_____

GRAY CODE FLOOR CHART

Standard Floor Markings		Custom Floor Markings	
GRAY CODE BITS A4 - BIN 1 A3 - BIN 1 A2 - BIN 1 A1 - BIN 1		GRAY CODE BITS A4 - BIN 1 A3 - BIN 1 A2 - BIN 1 A1 - BIN 1	
1011	M	1011	_____
1010	P	1010	_____
1110	L	1110	_____
1111	G	1111	_____
1101	B	1101	_____
1100	8	1100	_____
0100	7	0100	_____
0101	6	0101	_____
0111	5	0111	_____
0110	4	0110	_____
0010	3	0010	_____
0011	2	0011	_____
0001	1	0001	_____

INSTALLATION GUIDE

1. Make sure the input resistors are pushed all the way into the sockets.
2. Connect 115VAC power to the outer terminals of J2. Nothing connects to the center terminal.
3. To use the optional passing chime, connect it to J3.
4. Turn on DIP switch 1 (self-test). The display cycles through the floor markings. Verify the floor markings are correct and adjust the volume of the optional passing chime.
5. Connect the signal cable to J1 on the display. Be sure to install the cable properly (red wire with white tracer positioned as shown on the other side of this page).
6. Use the diagram on the other side of this page to connect the signal cable to the controller. The voltage (and DC polarity, if needed) are marked on the diagram. This unit works like a light bulb; it has to have voltage between common and the selected input.
7. If the input voltage is DC and you suspect the controller uses the opposite polarity, remove the common from the display and then put the selected floor wire to common and common to the selected floor input. If the selected floor displays, contact Tech Support at the number below.
8. For single line per floor set-ups, only one wire at a time can have voltage present (with reference to common).
9. If the display does not work properly after following the steps above, write down the serial number from the white label and exactly what the unit displays at each floor. Call Tech Support at (419) 636-6705.

DATE DRAWN:	DRAWN BY:	REQUESTED BY:	C.E. ELECTRONICS, INC. 2107 Industrial Drive Bryan, Ohio 43506 (419) 636-6705
05/05/97	K.L.S.	J.P.	
BOARD NUMBER:	LAST DATE REVISED:	APPROVED BY:	
N/A	04/18/11		
PRODUCT			
SINGLE DM FLOOR MARKINGS		DWG. NO. COMPT-4	REV: C