MH222E-XXXX

2.2" CHARACTERS | 2.5" ARROW

MICRO COMM

REMOTE DISPLAY INDICATOR "RDI"

Segmented LED, digital indicator for floor position display. Any alphanumeric character can be displayed in either single or double digit floor designations.

TYPICAL APPLICATIONS:

- Car-OP Panel
- Transom-car or Hall

FEATURES:

- Fast 3-wire hookup
- Latched inputs
- Cross wire protected
- Self testing
- Alternate message
- Passing chime output
- Error detection and correction
- Reduced PC board height

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

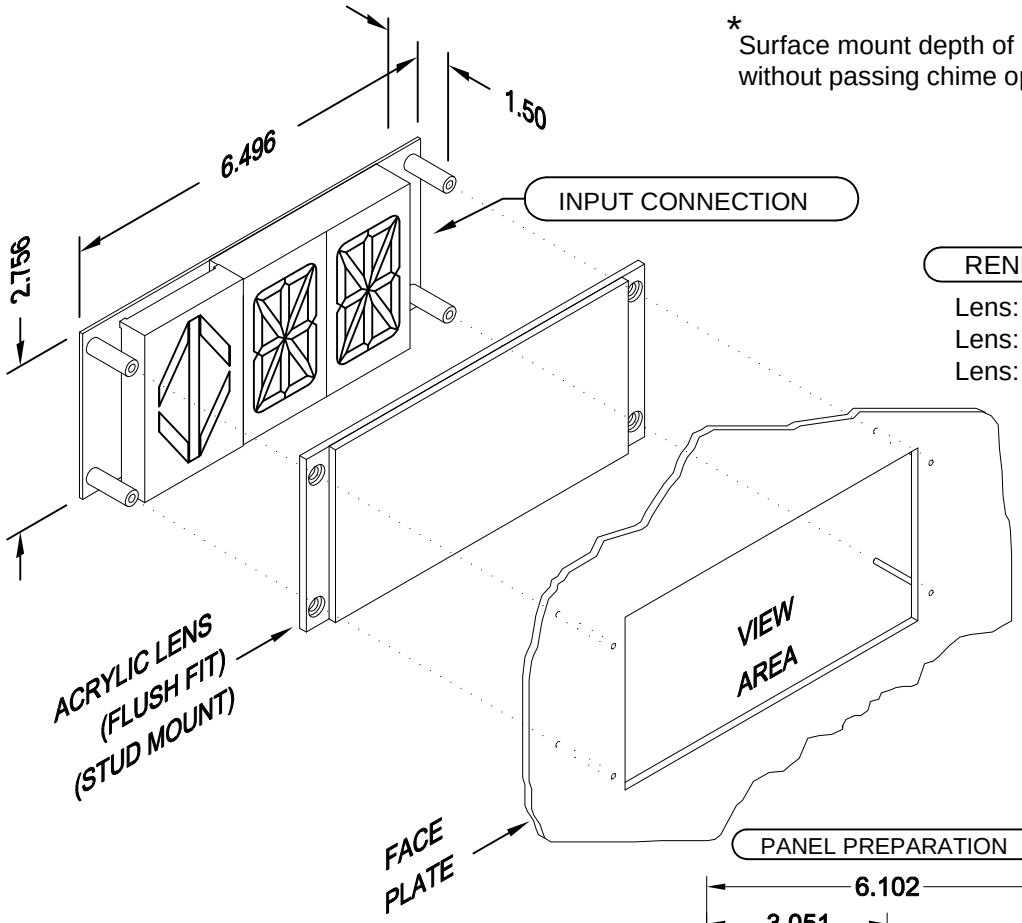
C.E. Electronics, Ltd. (UK) P.O. Box 1679 Marlow, Bucks SL7 3ZG, UK p: +44 (0) 1628 487633 www.ceelectronics.co.uk

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

MH222E-XXXX

Ver. 8 Rel. 10/19/2016

MICRO COMM®
DISPLAYS



* Surface mount depth of 1 inch available without passing chime option.

REMOTE DISPLAY INDICATOR "RDI"

Segmented LED, digital indicator for floor position display. Any alphanumeric character can be displayed in either single or double digit floor designations.

RENEWAL PARTS

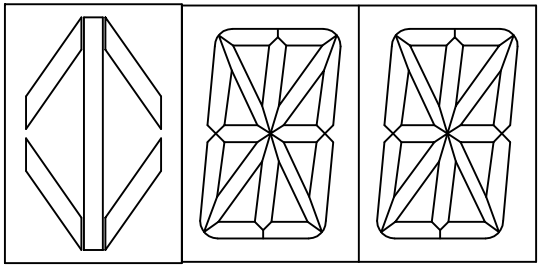
Lens: 104-5602M RED
Lens: 104-6002M GRAY
Lens: 104-9044 BLUE

Typical Applications:

- Car-OP Panel
- Transom-car or Hall

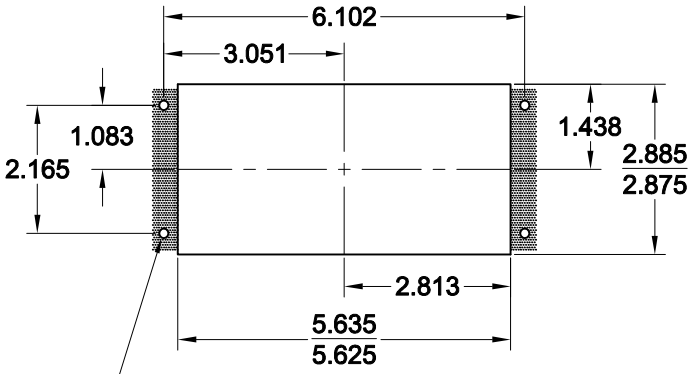
Features:

- Fast, 3-wire hookup
- Latched inputs
- Cross wire protected
- Self testing
- Alternate message
- Passing chime output
- Error detection and correction feature
- Reduced PC board height



2.2 INCH CHARACTERS
2.5 INCH ARROW

PANEL PREPARATION



TO ORDER - SPECIFY MH222E - X X X X

COLOR:
"RR" = RED CHARACTER, RED ARROW
"GR" = GREEN CHARACTER, RED ARROW
"GG" = GREEN CHARACTER, GREEN ARROW
"RG" = RED CHARACTER, GREEN ARROW
"BB" = BLUE CHARACTER, BLUE ARROW
"WW" = WHITE CHARACTER, WHITE ARROW

LENS:
"R" = RED
"G" = GRAY
"B" = BLUE
"X" = NO LENS

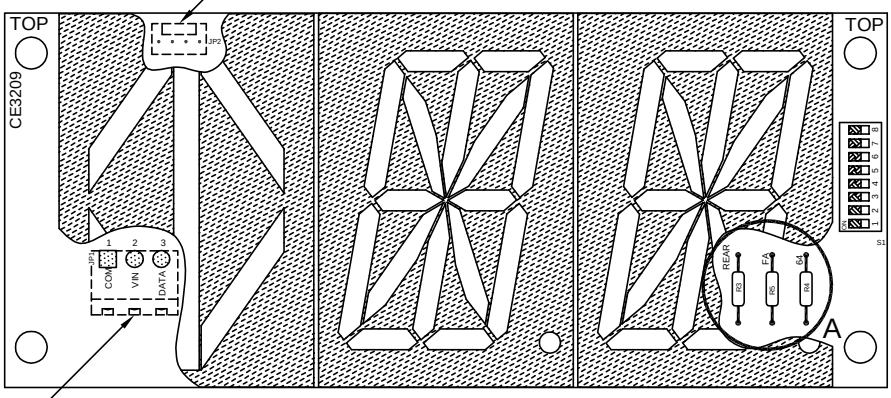
for surface mount app. → "W" = WIRE CONNECTIONS
<BLANK> = GREEN CONNECTOR

NOTE:

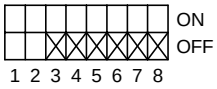
1. This is not a stand alone unit. Must be used in conjunction with a Micro Comm interface.

MH222E

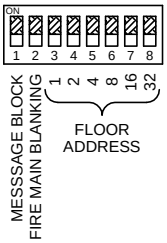
JOB# _____

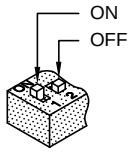


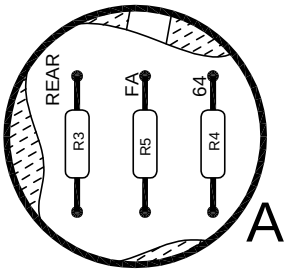
DEFAULT SETTINGS



DIP SWITCH DETAIL







CODE VERSION _____

BOARD VERSION CE3209 _____

FLOOR ADDRESS CHART

DS8	DS7	DS6	DS5	DS4	DS3	FLOOR	DS8	DS7	DS6	DS5	DS4	DS3	FLOOR
0	0	0	0	0	0	TRAVEL (#0)	1	0	0	0	0	0	FLOOR #32
0	0	0	0	0	1	FLOOR #1	1	0	0	0	0	1	FLOOR #33
0	0	0	0	1	0	FLOOR #2	1	0	0	0	1	0	FLOOR #34
0	0	0	0	1	1	FLOOR #3	1	0	0	0	1	1	FLOOR #35
0	0	0	1	0	0	FLOOR #4	1	0	0	1	0	0	FLOOR #36
0	0	0	1	0	1	FLOOR #5	1	0	0	1	0	1	FLOOR #37
0	0	0	1	1	0	FLOOR #6	1	0	0	1	1	0	FLOOR #38
0	0	0	1	1	1	FLOOR #7	1	0	0	1	1	1	FLOOR #39
0	0	1	0	0	0	FLOOR #8	1	0	1	0	0	0	FLOOR #40
0	0	1	0	0	1	FLOOR #9	1	0	1	0	0	1	FLOOR #41
0	0	1	0	1	0	FLOOR #10	1	0	1	0	1	0	FLOOR #42
0	0	1	0	1	1	FLOOR #11	1	0	1	0	1	1	FLOOR #43
0	0	1	1	0	0	FLOOR #12	1	0	1	1	0	0	FLOOR #44
0	0	1	1	0	1	FLOOR #13	1	0	1	1	0	1	FLOOR #45
0	0	1	1	1	0	FLOOR #14	1	0	1	1	1	0	FLOOR #46
0	0	1	1	1	1	FLOOR #15	1	0	1	1	1	1	FLOOR #47
0	1	0	0	0	0	FLOOR #16	1	1	0	0	0	0	FLOOR #48
0	1	0	0	0	1	FLOOR #17	1	1	0	0	0	1	FLOOR #49
0	1	0	0	1	0	FLOOR #18	1	1	0	0	1	0	FLOOR #50
0	1	0	0	1	1	FLOOR #19	1	1	0	0	1	1	FLOOR #51
0	1	0	1	0	0	FLOOR #20	1	1	0	1	0	0	FLOOR #52
0	1	0	1	0	1	FLOOR #21	1	1	0	1	0	1	FLOOR #53
0	1	0	1	1	0	FLOOR #22	1	1	0	1	1	0	FLOOR #54
0	1	0	1	1	1	FLOOR #23	1	1	0	1	1	1	FLOOR #55
0	1	1	0	0	0	FLOOR #24	1	1	1	0	0	0	FLOOR #56
0	1	1	0	0	1	FLOOR #25	1	1	1	0	0	1	FLOOR #57
0	1	1	0	1	0	FLOOR #26	1	1	1	0	1	0	FLOOR #58
0	1	1	0	1	1	FLOOR #27	1	1	1	0	1	1	FLOOR #59
0	1	1	1	0	0	FLOOR #28	1	1	1	1	0	0	FLOOR #60
0	1	1	1	0	1	FLOOR #29	1	1	1	1	0	1	FLOOR #61
0	1	1	1	1	0	FLOOR #30	1	1	1	1	1	0	FLOOR #62
0	1	1	1	1	1	FLOOR #31	1	1	1	1	1	1	FLOOR #63

The Micro Comm driver must be programmed to send messages with the level required to activate the features listed below. Level 0 messages will always be displayed, regardless of DIP switch or resistor settings.

To block level one messages from being displayed, turn on DIP switch 1 (MB).

To blank the display during a fire alternate (level two) message, remove resistor R5 (FA) from the board.

To blank the display during a fire main (level three) message, turn on DIP switch 2 (FM).

To operate the display as an in-car lantern using travel signals, turn off DIP switches 3-8 and verify that resistor R4 (64) is installed.

To operate the display as an in-car lantern using arrival signals, turn on DIP switches 3-8 and remove resistor R4 (64) from the board.

To operate the unit as a hall (arrival) display, use the above chart to set the DIP switches to the desired floor. For floors above 63, remove resistor R4 (64) from the board, subtract 64 from the desired floor number, and use the chart to set the DIP switches for the resulting floor number. For example, to set the unit for floor 75, remove R4 and set the DIP switches for floor 11 (75 - 64 = 11). NOTE: The Micro Comm driver must be set up to send arrival information.

To operate the MH222E as a rear unit, remove resistor R3 (R) from the board. NOTE: The Micro Comm driver must be sending the MC2000 data stream to use this feature. Call Tech Support at 419-636-6705 for more information.

NOTE: MUST BE USED WITH A CLASS 2 POWER SUPPLY.

DATE DRAWN:	DRAWN BY:	REQUESTED BY:	C.E. ELECTRONICS, INC. 2107 Industrial Drive Bryan, Ohio 43506 (419) 636-6705
03/23/09	DAC	MG	
BOARD NUMBER: 3209	LAST DATE REVISED: -	APPROVED BY:	
PRODUCT: MH222E MICRO COMM DISPLAY			DWG. NO. MH222E_02 REV: -