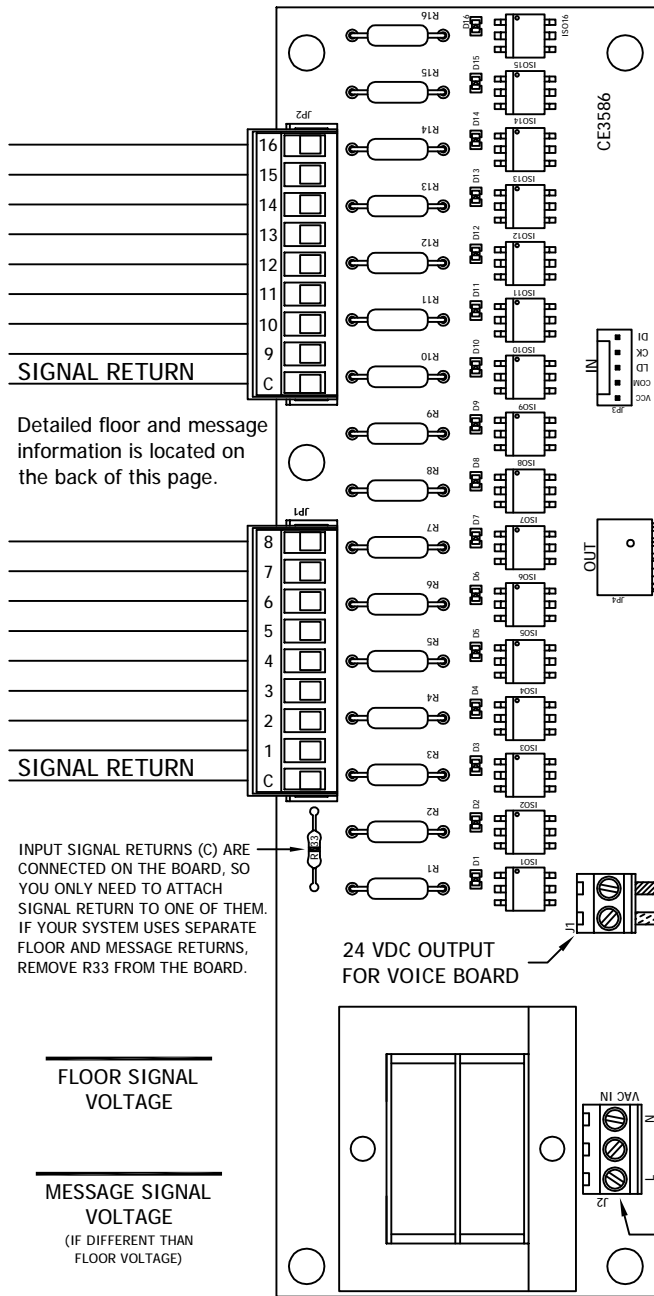


VS3541 VOICE ANNUNCIATOR

JOB# _____



SIGNAL RETURN

Detailed floor and message information is located on the back of this page.

SIGNAL RETURN

INPUT SIGNAL RETURNS (C) ARE CONNECTED ON THE BOARD, SO YOU ONLY NEED TO ATTACH SIGNAL RETURN TO ONE OF THEM. IF YOUR SYSTEM USES SEPARATE FLOOR AND MESSAGE RETURNS, REMOVE R33 FROM THE BOARD.

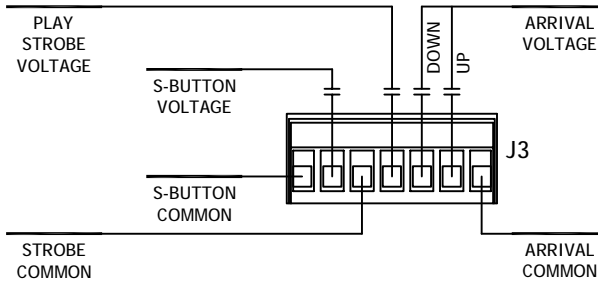
24 VDC OUTPUT FOR VOICE BOARD

FLOOR SIGNAL VOLTAGE

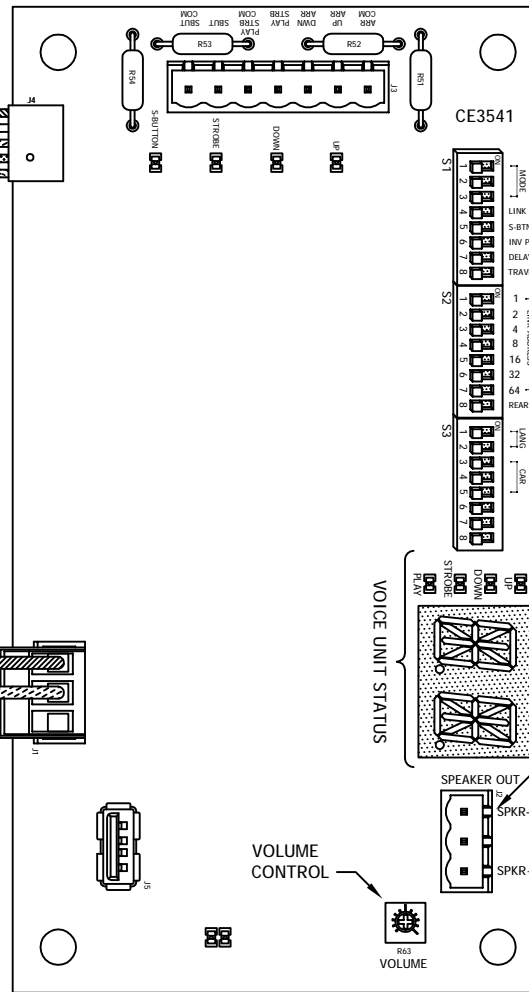
MESSAGE SIGNAL VOLTAGE
(IF DIFFERENT THAN FLOOR VOLTAGE)

BOARD VERSION CE3541 _____ ARM CODE VERSION _____

FLOORS: _____



TO ADDITIONAL INPUT BOARDS, IF NEEDED



VOICE UNIT STATUS

VOLUME CONTROL

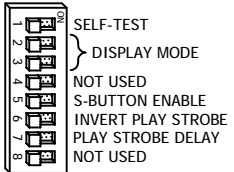
S1 DIP SWITCH SETTINGS

- DS1, DS2, DS3 - MODE SELECT - USE TABLE BELOW TO DETERMINE MODE.
- DS5 - ON = DOESN'T PLAY FLOORS UNLESS THE S-BUTTON IS PRESSED. DIRECTIONS AND MESSAGES STILL PLAY.
- DS6 - ON = PLAYS ON AN ACTIVE LOW STROBE SIGNAL INSTEAD OF AN ACTIVE HIGH SIGNAL.
- DS7 - ON = THE UNIT DELAYS PLAYING UNTIL 900ms AFTER IT RECEIVES THE PLAY STROBE.
- DS4, DS8 - NOT USED

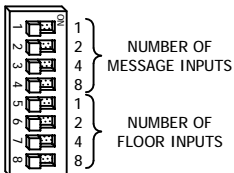
S2 DIP SWITCH - SET FOR TOTAL NUMBER OF MESSAGE AND FLOOR INPUTS. THIS IS A BINARY VERSION OF THE TOTAL NUMBER OF INPUTS MINUS ONE; e.g. 16 INPUTS - 1 = BINARY 15 (ALL FOUR SWITCHES ON).

| DS1 | DS2 | DS3 | DISPLAY MODE |
|-----|-----|-----|------------------------|
| OFF | OFF | OFF | NORMAL (SHOW FLOORS) |
| OFF | OFF | ON | NORMAL (SHOW MESSAGES) |
| OFF | ON | OFF | STATUS CODE DISPLAY |
| OFF | ON | ON | CHECKSUM DISPLAY |
| ON | OFF | X | VOICE SELF-TEST |
| ON | ON | X | SWITCH TEST |

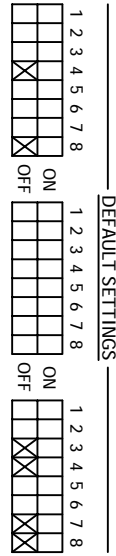
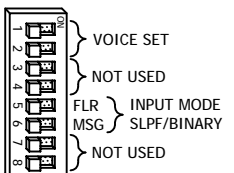
S1 SWITCH DETAIL



S2 SWITCH DETAIL



S3 SWITCH DETAIL



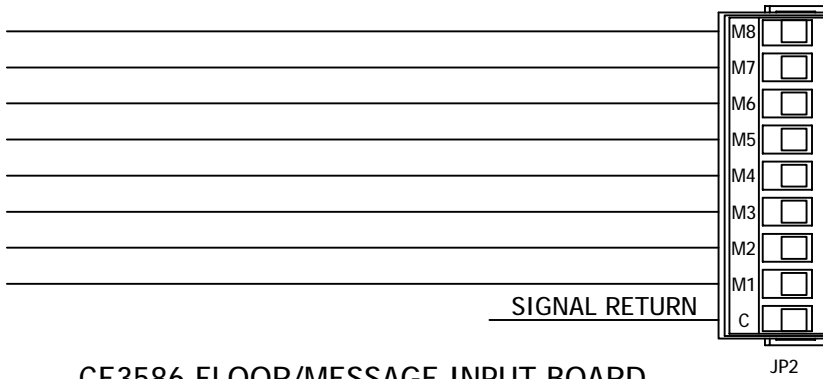
DEFAULT SETTINGS

NOTE: SPEAKER WIRE LENGTH MUST BE LESS THAN 20 FEET TO PREVENT AMPLIFIER DAMAGE. FOR LENGTHS GREATER THAN 20 FEET, MATCHING TRANSFORMERS MUST BE USED. CONSULT THE REMOTE SPEAKER CONNECTION DIAGRAM FOR WIRING.

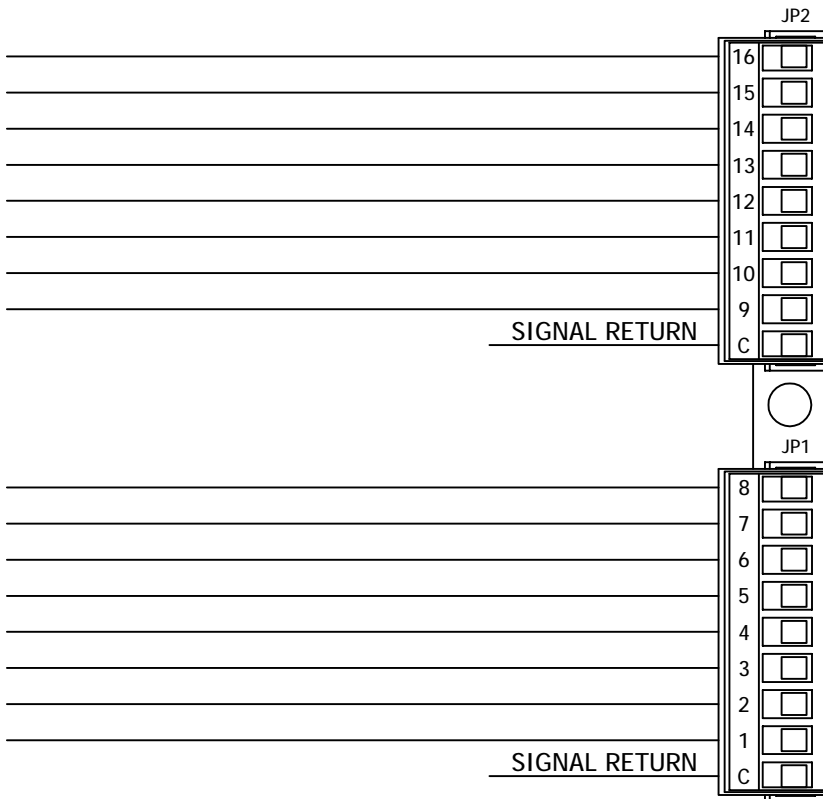
| | | | |
|---|--------------------------------|---------------------|--|
| DATE DRAWN: 03/30/11 | DRAWN BY: DAC | REQUESTED BY: GE | C.E. ELECTRONICS, INC. 2107 Industrial Drive Bryan, OH 43506 (419) 636-6705 |
| BOARD NUMBER: 3541 | LAST DATE REVISED: 03/10/21 | APPROVED BY: | |
| PRODUCT VOICE ANNUNCIATOR WITH DISCRETE INPUTS | | | DWG. NO. VS3541_01 |
| | | | REV: 1 |

VS3541 VOICE ANNUNCIATOR

CE2135 MESSAGE INPUT BOARD (IF USED)



CE3586 FLOOR/MESSAGE INPUT BOARD CUSTOM FLOOR/MESSAGE LABELS



| | | | |
|----------|----------|----------|----------|
| 01111111 | 01110001 | 01100011 | 01010101 |
| 01111110 | 01110000 | 01100010 | 01010100 |
| 01111101 | 01101111 | 01100001 | 01010011 |
| 01111100 | 01101110 | 01100000 | 01010010 |
| 01111011 | 01101101 | 01011111 | 01010001 |
| 01111010 | 01101100 | 01011110 | 01010000 |
| 01111001 | 01101011 | 01011101 | 01001111 |
| 01111000 | 01101010 | 01011100 | 01001110 |
| 01110111 | 01101001 | 01011011 | 01001101 |
| 01110110 | 01101000 | 01011010 | 01001100 |
| 01110101 | 01100111 | 01011001 | 01001011 |
| 01110100 | 01100110 | 01011000 | 01001010 |
| 01110011 | 01100101 | 01010111 | 01001001 |
| 01110010 | 01100100 | 01010110 | 01001000 |

TYPICAL INPUT LABEL DEFINITIONS

STANDARD PRIORITY MESSAGE INPUT LABELS (TYPICALLY LOCATED ON JP2)

- OS - OUT OF SERVICE
- DO - DOORS OPENING
- DC - DOORS CLOSING
- CB - CODE BLUE
- ME - MEDICAL EMERGENCY
- SS - SEISMIC SENSOR
- IS - INSPECTION SERVICE
- EP - EMERGENCY POWER
- OL - OVERLOAD
- IN - INDEPENDANT SERVICE
- ND - NUDGING
- F2 - FIRE RETURN
- F1 - FIRE RETURN

A1 - A8 = STANDARD BINARY FLOOR INPUTS (TYPICALLY LOCATED ON JP1)

- A8 = HIGHEST BINARY INPUT
-
-
-
-
-
-
-
- A1 = LOWEST BINARY INPUT

BINARY FLOOR CHART

| BINARY BITS | | |
|-------------|----------|----------|
| 128 - A8 | 64 - A7 | 32 - A6 |
| 16 - A5 | 8 - A4 | 4 - A3 |
| 2 - A2 | 1 - A1 | |
| 01000111 | 00101111 | 00010111 |
| 01000110 | 00101110 | 00010110 |
| 01000101 | 00101101 | 00010101 |
| 01000100 | 00101100 | 00010100 |
| 01000011 | 00101011 | 00010011 |
| 01000010 | 00101010 | 00010010 |
| 01000001 | 00101001 | 00010001 |
| 01000000 | 00101000 | 00010000 |
| 00111111 | 00100111 | 00001111 |
| 00111110 | 00100110 | 00001110 |
| 00111101 | 00100101 | 00001101 |
| 00111100 | 00100100 | 00001100 |
| 00111011 | 00100011 | 00001011 |
| 00111010 | 00100010 | 00001010 |
| 00111001 | 00100001 | 00001001 |
| 00111000 | 00100000 | 00001000 |
| 00110111 | 00011111 | 00000111 |
| 00110110 | 00011110 | 00000110 |
| 00110101 | 00011101 | 00000101 |
| 00110100 | 00011100 | 00000100 |
| 00110011 | 00011011 | 00000011 |
| 00110010 | 00011010 | 00000010 |
| 00110001 | 00011001 | 00000001 |
| 00110000 | 00011000 | 00000000 |

| | | | |
|---|--------------------------------|---------------------|--|
| DATE DRAWN: 09/02/11 | DRAWN BY: DAC | REQUESTED BY: DR | C.E. ELECTRONICS, INC. 2107 Industrial Drive Bryan, OH 43306 (419) 636-6705 |
| BOARD NUMBER: 3541 | LAST DATE REVISED: 11/27/19 | APPROVED BY: | |
| PRODUCT VS3541 FLOOR/MESSAGE INFORMATION | | | DWG. NO. VS3541_07 REV. B |