

**NOTE:** Listed below are the most common B-100, D-100 and E-100 series Call Stations and their terminal / lead designations. These call station are typically used with systems that are designed to use a 24VDC power supply. They use +24VDC as a common to the annunciator and corridor lights (if used). The call stations provide the switched negative to complete the circuit and activate the lights and tone devices.

| Call Station Model<br>B-111, B-113, B-122 & E-107 |                              |
|---|------------------------------|
| <u>Term</u>                                       | <u>Designation</u>           |
| ST  | Call Cord "Out" signal       |
| A   | Annunciator (-)              |
| E   | Extra (Same as "A" terminal) |
| +   | +24VDC input                 |
| -   | 24VDC ground (S)             |
| CS  | Cancel switch                |
| CS  | Cancel switch                |
| G   | Chassis (Building) ground    |

| Call Station Model<br>E-113 & E-114 |                    |
|-------------------------------------|--------------------|
| <u>Lead</u>                         | <u>Designation</u> |
| Gray                                | Common             |
| Brown                               | Common             |
| Black                               | N.O. Contact       |
| Green                               | Chassis Ground     |

| Call Station Model<br>E-114-1 and E-114-3 |                       |
|---|-----------------------|
| <u>Lead</u>                               | <u>Designation</u>    |
| Red                                       | +24VDC (E-114-3 only) |
| Gray                                      | Common                |
| Yellow                                    | N.C. Contact          |
| Blk/Wht                                   | N.O. Contact          |
| Brown                                     | Common                |
| Black                                     | N.O. Contact          |
| Orange                                    | N.C. Contact          |
| Green                                     | Chassis Ground        |

| Call Station Model<br>E-108 |                              |
|-----------------------------|------------------------------|
| <u>Term</u>                 | <u>Designation</u>           |
| +                           | +24VDC input                 |
| -                           | 24VDC Ground                 |
| E                           | Extra (Same as "A" terminal) |
| L                           | Loop (N.C. contact to "A")   |
| A                           | Annunciator (-)              |


| Call Station Model<br>D-111 or D-112 |                    |
|--------------------------------------|--------------------|
| <u>Term</u>                          | <u>Designation</u> |
| +                                    | +24VDC input       |
| DE                                   | Duty Emergency     |
| DN                                   | Duty Normal        |
| HI                                   | Tone Output        |
| -                                    | 24VDC Ground       |

| Call Station Model<br>E-101, E-103, E-105 |                              |
|---|------------------------------|
| <u>Term</u>                               | <u>Designation</u>           |
| E   | Extra (Same as "A" terminal) |
| A   | Annunciator (-)              |
| RL  | Red Light (-)                |
| F-  | (-) 24VDC input              |
| +   | +24VDC                       |
| L   | Loop (N.C. contact to "A")   |
| G   | Chassis Ground               |

| Call Station Model<br>E-104, E-104/WP |                              |
|---------------------------------------|------------------------------|
| <u>Term</u>                           | <u>Designation</u>           |
| +                                     | +24VDC                       |
| RL                                    | Red Light (-)                |
| L                                     | Loop (N.C. contact to "A")   |
| -                                     | 24VDC ground (S, F, P)       |
| E                                     | Extra (Same as "A" terminal) |
| A                                     | Annunciator (-)              |
| G                                     | Chassis Ground               |

**INSTALLATION GUIDELINES and GENERAL INFORMATION:**

1. See the specific system wiring diagram for the balance of the wiring connections required.
2. All low voltage wiring is #18 AWG, unless otherwise noted.
3. All terminals shown may not be in the exact same order as they appear on the equipment.
4. Observe all local and national electrical and building codes.

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|  <p>42 Central Drive, Farmingdale NY 11735-1202<br/>(631) 777-5500 Fax: (631) 777-5599<br/><b>TOLL-FREE Technical Line 1-800-666-4800</b><br/>Email: info@alpha-comm.com</p> | <p><b>TYPICAL WIRING INSTRUCTIONS<br/>FOR B-100 / D-100 / E-100 Series</b></p> <p>Call Stations, showing terminals connections only -<br/>not the complete system wiring information</p> |
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