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

E-113 & E-114

Designation

N.O. Contact

Chassis Ground

Call Station Model

Common

Common

<u>Lead</u>

Gray

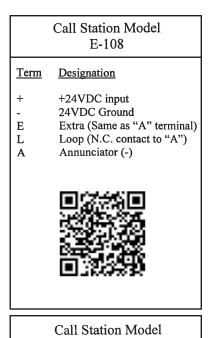
Brown

Black

Green

		Call Station Model 1, B-113, B-122 & E-107
I	Term	Designation
	ST A E + - CS CS G	Call Cord "Out" signal Annunciator (-) Extra (Same as "A" terminal) +24VDC input 24VDC ground (S) Cancel switch Cancel switch Chassis (Building) ground
- 1		

l	114-1 and E-114-3		
Blk/Wht Brown Black Orange	Designation +24VDC (E-114-3 only) Common N.C. Contact N.O.Contact Common N.O. Contact N.C. Contact Con		
Call Station Model E-101, E-103, E-105			
	Designation		



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

Call Station Model

<u>Term</u>	<u>Designation</u>
E A RL F- + L G	Extra (Same as "A" terminal) Annunciator (-) Red Light (-) (-) 24VDC input +24VDC Loop (N.C. contact to "A") Chassis Ground

	E-104, E-104/WP
Term	Designation
+ RL L - E A G	+24VDC Red Light (-) Loop (N.C. contact to "A") 24VDC ground (S, F, P) Extra (Same as "A" terminal) Annunciator (-) 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.



42 Central Drive, Farmingdale NY 11735-1202 (631) 777-5500 Fax: (631) 777-5599
TOLL-FREE Technical Line 1-800-666-4800

Email:info@alphacommunications.com

## TYPICAL WIRING INSTRUCTIONS FOR B-100 / D-100 / E-100 Series

Call Stations, showing terminals connections only not the complete system wiring information