



## 4100 Series Audible/Visual Rescue Assistance System Installation and Use Instructions, used with 4101A / 4101V Remotes



### APPLICATION

The 4100 series audible/visual rescue assistance system is designed to be used in ADA applications where an Area of rescue or Area of Refuge system is required, but no voice communication is needed. The 4100 series uses only lights and tones to signal for help, and that help is on the way.

### PROCEDURE

1. Read installation instructions for each unit to determine equipment location and installation method.
2. Install housings and wiring. NOTE: unless specified otherwise, the 4101A and 4101/V remote stations are typically mounted 4 feet from the finished floor.
3. Install equipment.
4. Check wiring and connect. Observe all local and national electrical and building codes.
5. Apply power and check system operation.

**NOTE:** System warranty is void if this system is installed or used in any manner other than described in this manual.

### OPERATING INSTRUCTIONS

#### REMOTE CALL STATION

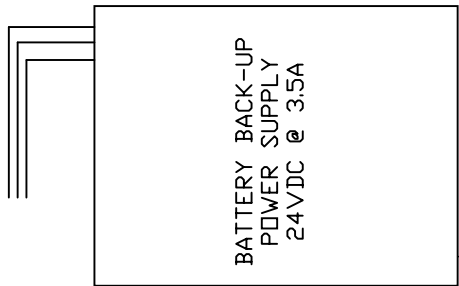
1. In an evacuation situation the call is initiated at the remote call station by depressing the Call button.
2. The call is confirmed by:
  - a. the button lighting and
  - b. a single tone is heard at the remote call station
3. When the call is confirmed by the person at the control panel (master station), the call station action will be:
  - a. a lighted button will flash
  - b. the buzzer will give an intermittent tone

#### CONTROL PANEL (MASTER STATION)

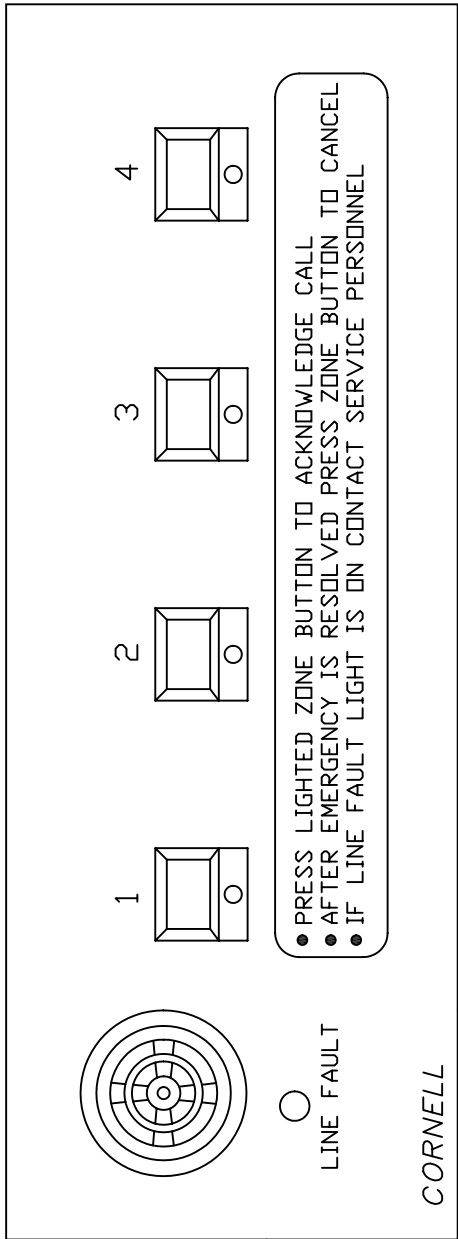
1. An incoming call is indicated by:
  - a. the indicator light on the zone button will illuminate
  - b. and the tone will sound intermittently
2. When the control panel operator acknowledges the call by pressing the zone button, this action will cause:
  - a. the zone indicator light to flash
  - b. and the tone will stop
3. When the emergency is resolved, the zone is reset to standby by pressing the zone button(s) where the indicator light is flashing. This will turn off the indicator light.

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**TOLL-FREE TECHNICAL LINE 1-800-666-4800** • Phone: 631-777-5500 • Fax: 631-777-5599  
INTERNET WEBSITE: <http://www.alpha-comm.com> • EMAIL: [info@alpha-comm.com](mailto:info@alpha-comm.com)

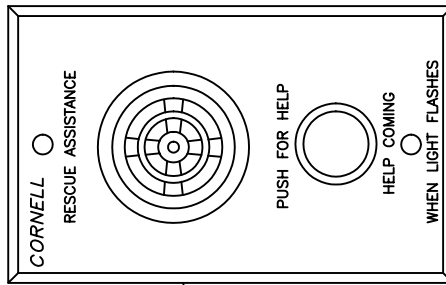
115VAC, 60Hz @ 1.15 AMP



18AWG 2 COND. CABLE



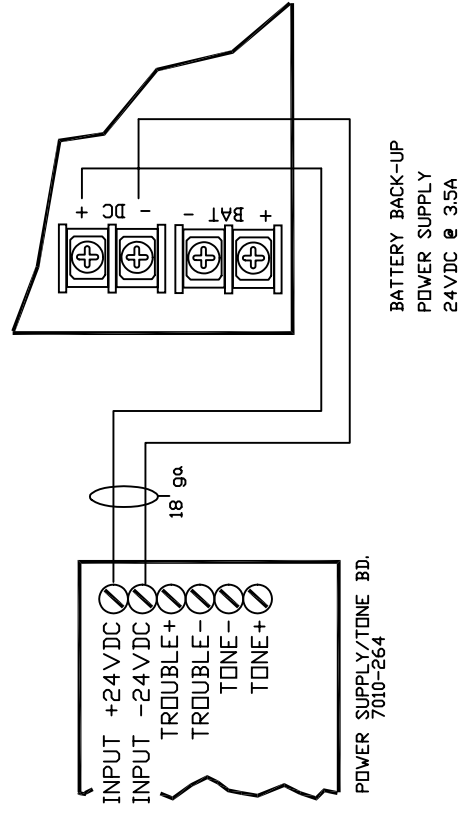
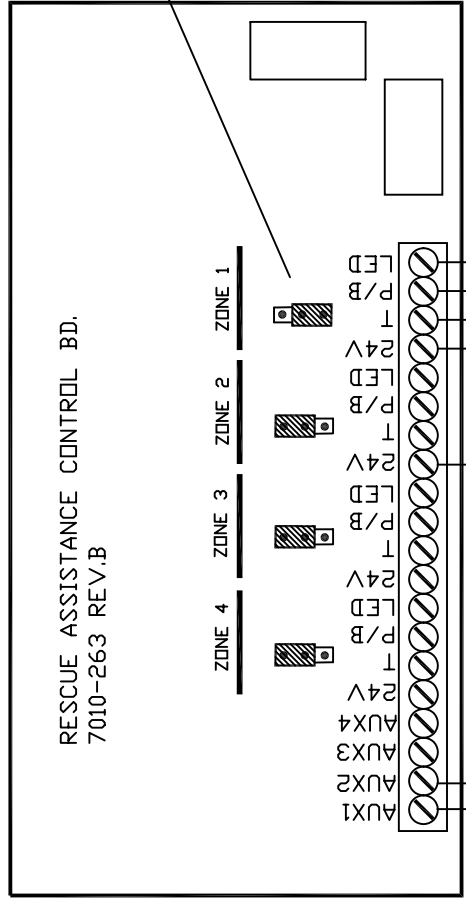
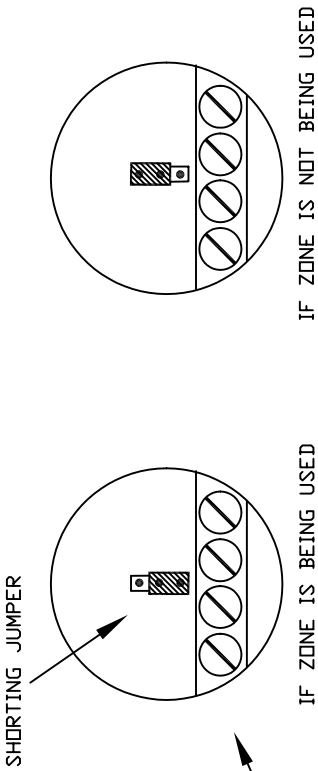
ONE, 22AWG, 4 CONDUCTOR,  
NON-SHIELDED CABLE  
REQUIRED PER ZONE




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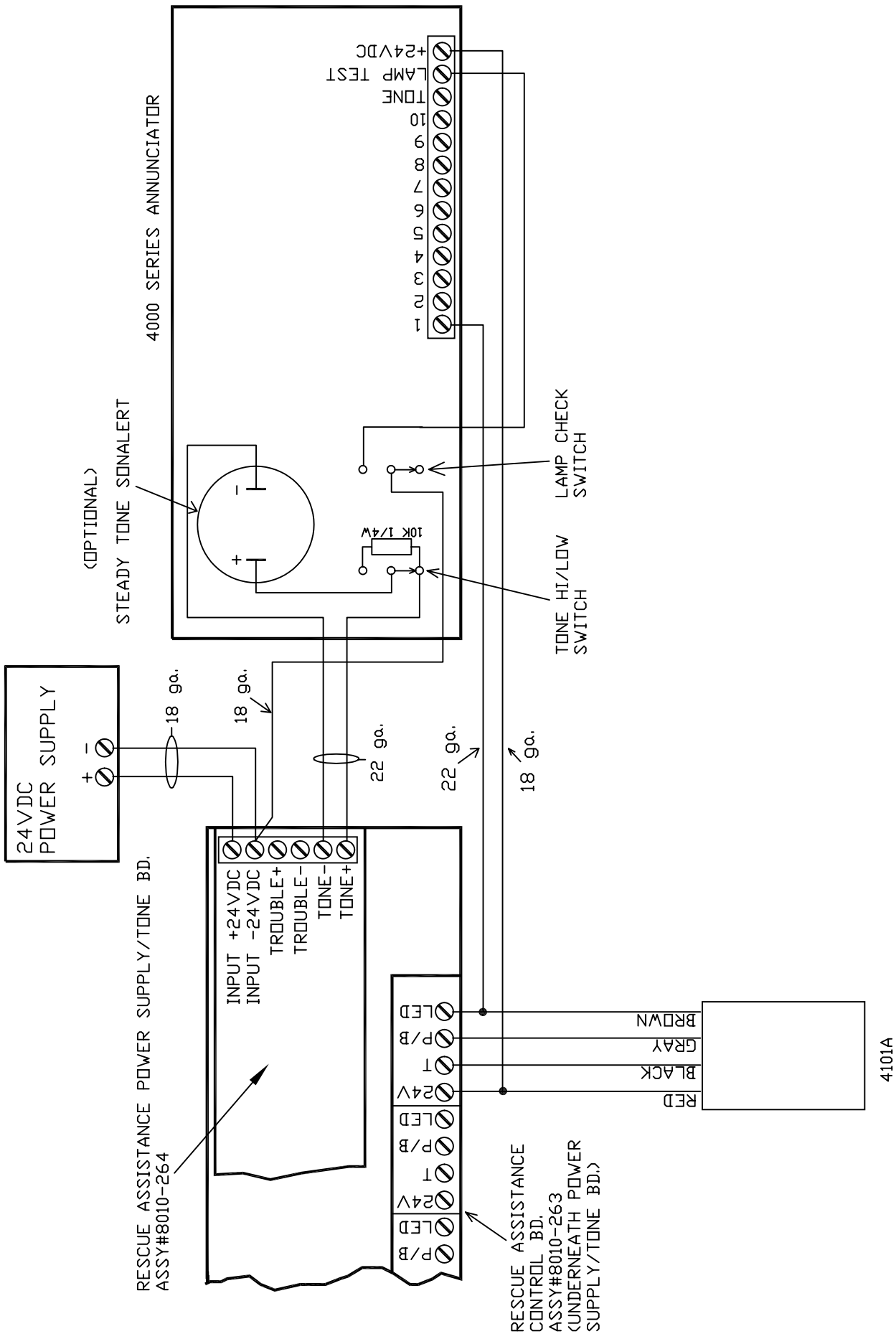
DATE: JANUARY 21, 2003  
TITLE: 4100 SYSTEM LAYOUT

SYSTEM: 4100  
DRAWING # 90030-03



NOTE:  
 AUX1 THROUGH AUX4 ARE AUXILIARY OUTPUTS FOR ZONES 1 THROUGH 4, RESPECTIVELY. EACH AUXILIARY OUTPUT IS A SWITCHED NEGATIVE, OPEN COLLECTOR OUTPUT WHICH IS ACTIVE DURING A CALL CONDITION AND TURNS OFF WHEN THE CALL IS ACKNOWLEDGED. EACH OUTPUT CAN DRIVE A DS110 DUTY RELAY AS SHOWN.

	<b>Alpha Communications®</b> Phone: 631-777-5500 Fax: 631-777-5599	DATE: 1-16-03 TITLE: 4100 SYSTEM WIRING	SYSTEM: 4100 DRAWING # 90024-03
	4101A		



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DATE: JANUARY 21, 2003  
 TITLE: REMOTE ANNUNCIATOR WIRING

SYSTEM: 4100  
 DRAWING #: 90025-03