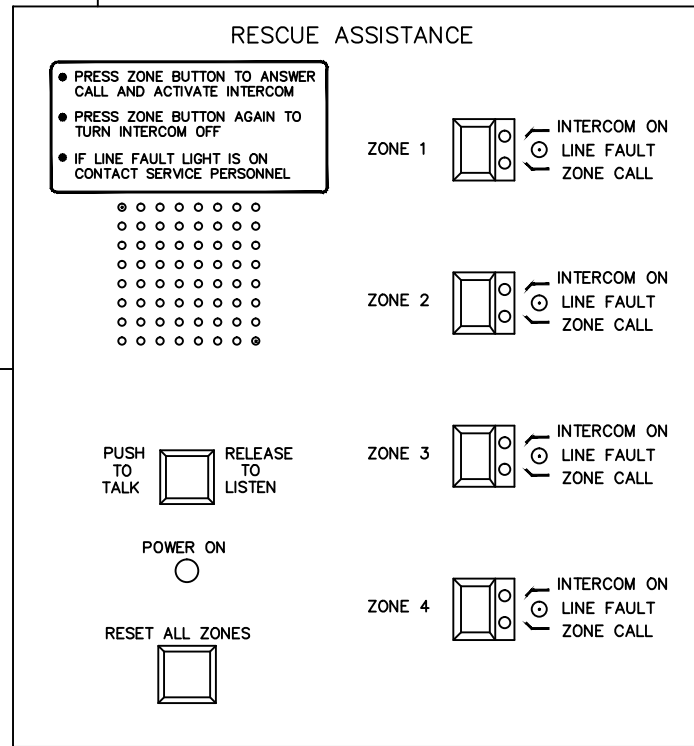
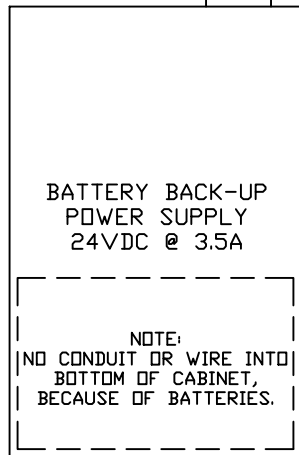


(OPTIONAL) WIRING TO
TAK-SERIES VOICE DIALER
OR TO FIRE ALARM SYSTEM
FOR MONITORING.
(1) PAIR #22 AWG PER POINT
OR AS RECOMMENDED BY DIALER /
FIRE ALARM SYSTEM PROVIDER.



(3) #18 AWG (min.) CONDUCTORS
[2 FOR 24 VDC + EARTH GROUND]

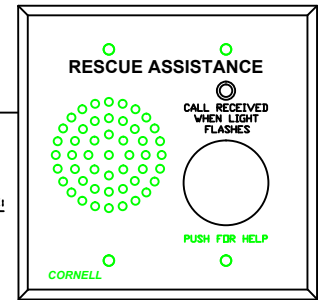
115 VAC, 60 Hz
@ 1.15 AMP
[DEDICATED
CIRCUIT
RECOMMENDED]



TYPICAL 4200 SERIES ANNUNCIATOR
(A-4204 SHOWN HERE)

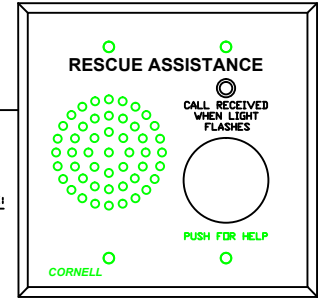
(OPTIONAL) WIRING TO
FIRE ALARM MONITOR POINT:
'RESCUE ASSIST POWER TROUBLE'
(1) PAIR #18 AWG

HOME-RUN WIRING:
(1) CORNELL PART NUMBER
CB-4200 CABLE
-OR- (2) SEPARATE CABLES:
(1) #22 AWG SHIELDED PR
[AUDIO]
(1) #22 AWG 4-COND
[POWER/SWITCH/LED]



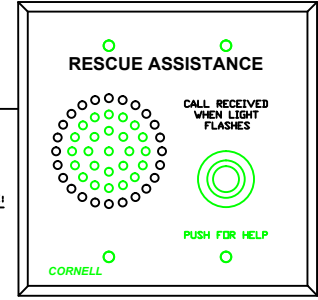
TYP. MODEL 4201B/VM

HOME-RUN WIRING:
(1) CORNELL PART NUMBER
CB-4200 CABLE
-OR- (2) SEPARATE CABLES:
(1) #22 AWG SHIELDED PR
[AUDIO]
(1) #22 AWG 4-COND
[POWER/SWITCH/LED]



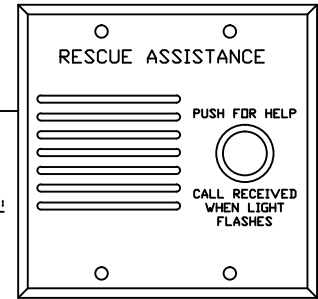
TYP. MODEL 4201B/VM

HOME-RUN WIRING:
(1) CORNELL PART NUMBER
CB-4200 CABLE
-OR- (2) SEPARATE CABLES:
(1) #22 AWG SHIELDED PR
[AUDIO]
(1) #22 AWG 4-COND
[POWER/SWITCH/LED]



TYP. MODEL 4201B/V

HOME-RUN WIRING:
(1) CORNELL PART NUMBER
CB-4200 CABLE
-OR- (2) SEPARATE CABLES:
(1) #22 AWG SHIELDED PR
[AUDIO]
(1) #22 AWG 4-COND
[POWER/SWITCH/LED]



OLDER MODELS 4201A 4201B



CORNELL Communications, Inc.
sales@cornell.com 414-351-4660
Web: www.cornell.com 414-351-4657(fax)

DATE: OCTOBER 11, 2012
TITLE: TYPICAL SYSTEM LAYOUT

SYSTEM: 4200 RESCUE ASSISTANCE
DRAWING # 90021-12 D4200W-A

TYPICAL A-42NN MASTER PANEL:
(NN = TOTAL NUMBER OF ZONES)

NOTES:

AUX1, AUX2, AUX3 AND AUX4 ARE OPEN COLLECTOR OUTPUTS FOR ZONES 1 THROUGH 4, RESPECTIVELY. EACH CAN SINK UP TO 100 mA AND IS ACTIVE DURING BOTH ALARM AND ACKNOWLEDGE CONDITIONS.

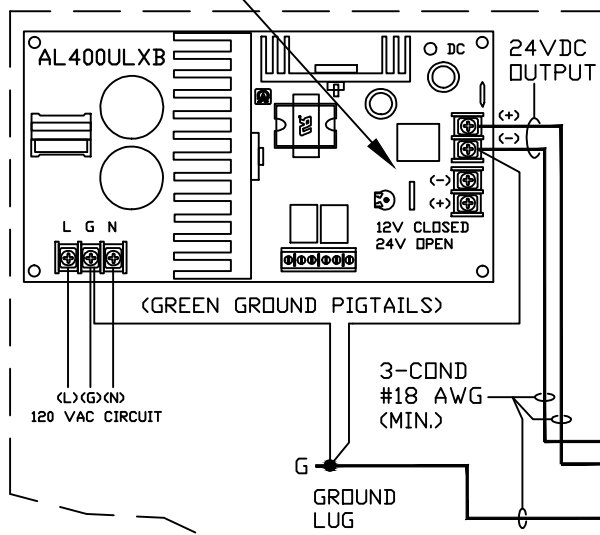
IF A ZONE ON AN 8010-300 CONTROL BOARD IS NOT BEING USED (SEE ZONES 1 THRU 3), THE JUMPER FOR EACH SUCH ZONE MUST BE SET TO THE "NOT USED" POSITION. IF THIS IS NOT DONE, A FAULT WILL BE INDICATED.

OLD STYLE 8010-300 BOARDS HAVE SCREW TERMINALS IN PLACE OF THE PIN-HEADER SHOWN HERE. WHEN ORDERING REPLACEMENT BOARDS, BE SURE TO SPECIFY "OLD STYLE / SCREW TERMINALS" IN THIS CASE.

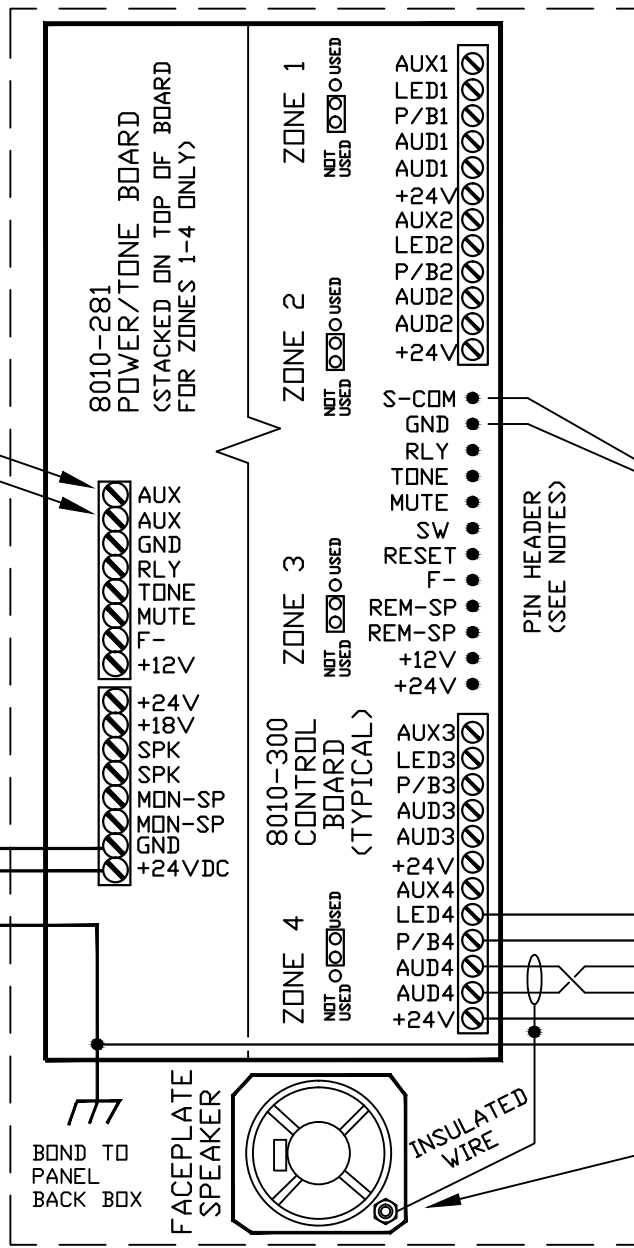
JUMPER BETWEEN "GND" AND "S-COM" (PART OF FACTORY WIRE HARNESS) ENABLES ZONE SWITCHES ON PANEL FACEPLATE. TO ENABLE / DISABLE THE SWITCHES FROM AN EXTERNAL SOURCE (FIRE ALARM PANEL, ETC.), DISCONNECT THIS WIRING, AND REPLACE WITH CONTACTS THAT FAIL TO A NORMALLY-CLOSED POSITION.

"AUX" TERMINALS, ON THE POWER BOARD, PROVIDE 2 AMP NORMALLY OPEN CONTACTS THAT CLOSE DURING ANY CALL FOR ASSISTANCE.

BE SURE TO SET THIS SWITCH FOR 24 VDC

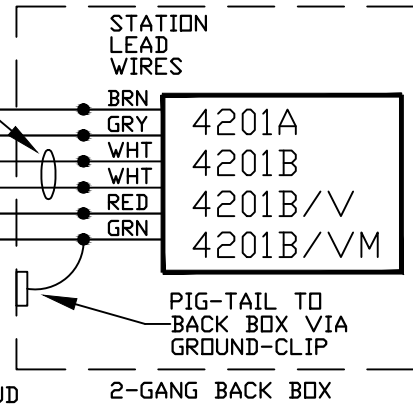


DC POWER SUPPLY:
MODEL B-5243A SHOWN
24 VDC @ 3.5 AMPS



PIN HEADER
(SEE NOTES)

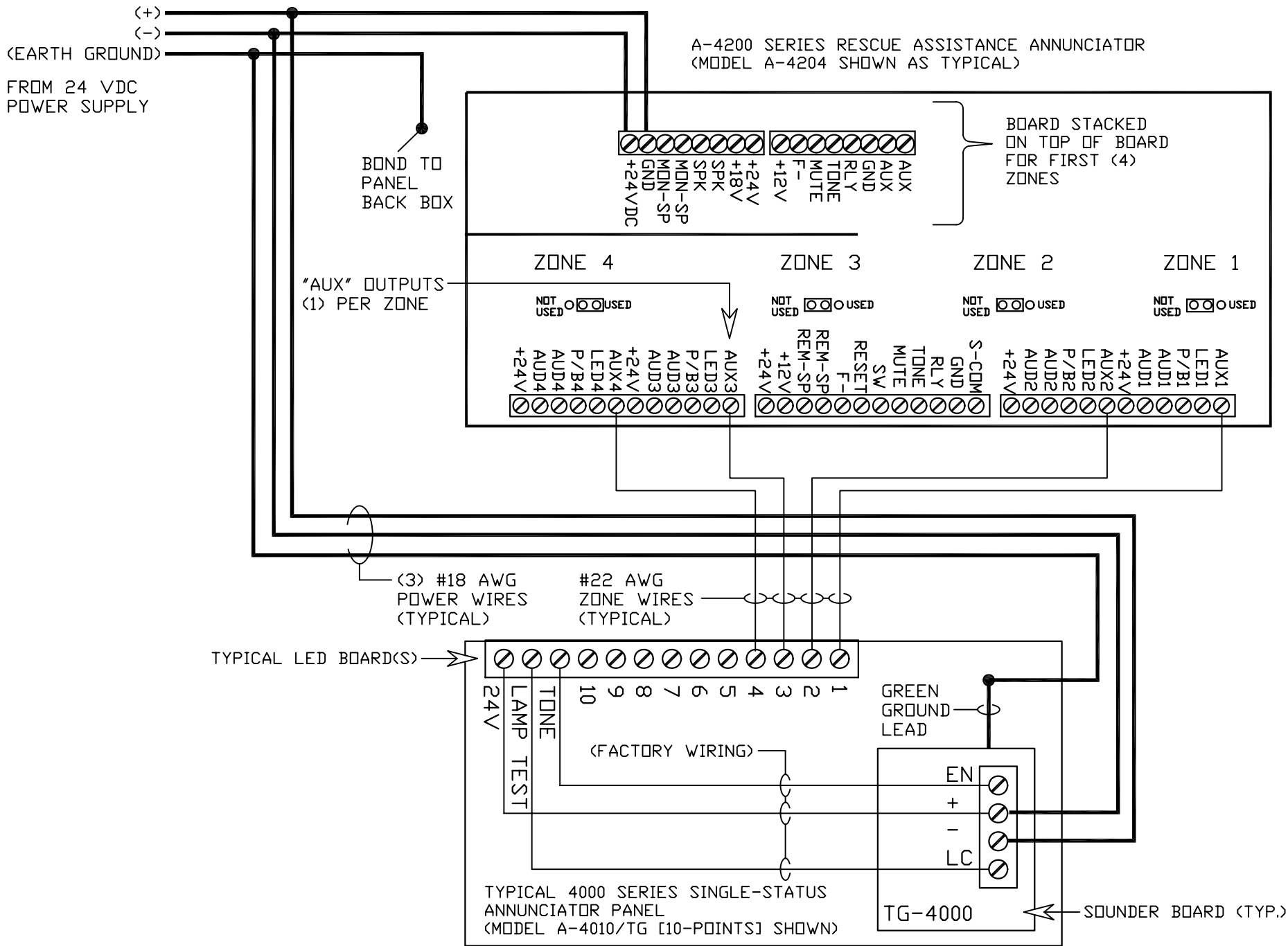
TYPICAL CALL STATION

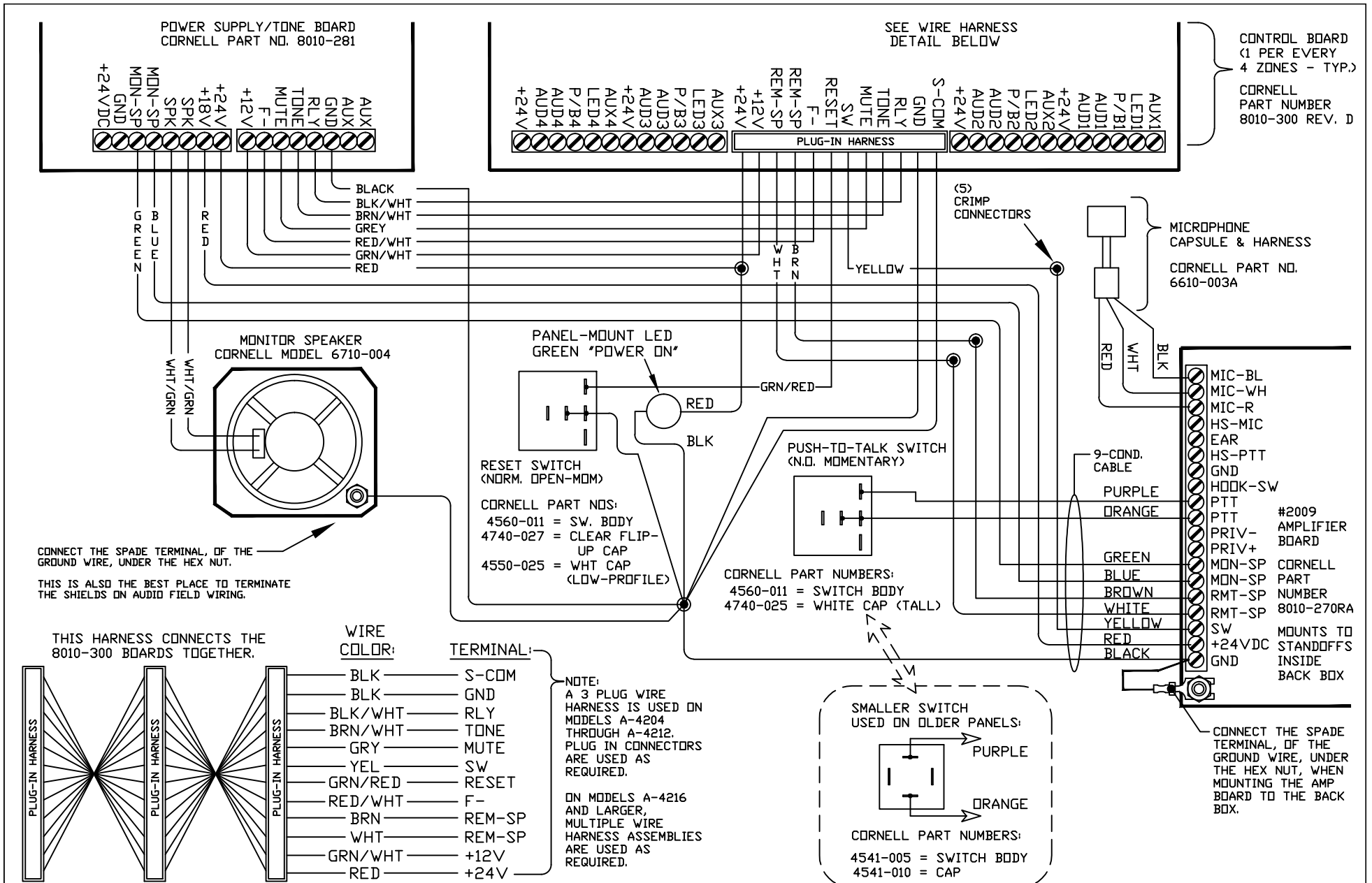


CORNELL Communications, Inc.
sales@cornell.com 414-351-4660
Web: www.cornell.com 414-351-4657(fax)


DATE: MAY 22, 2013
TITLE: SYSTEM WIRE DIAGRAM

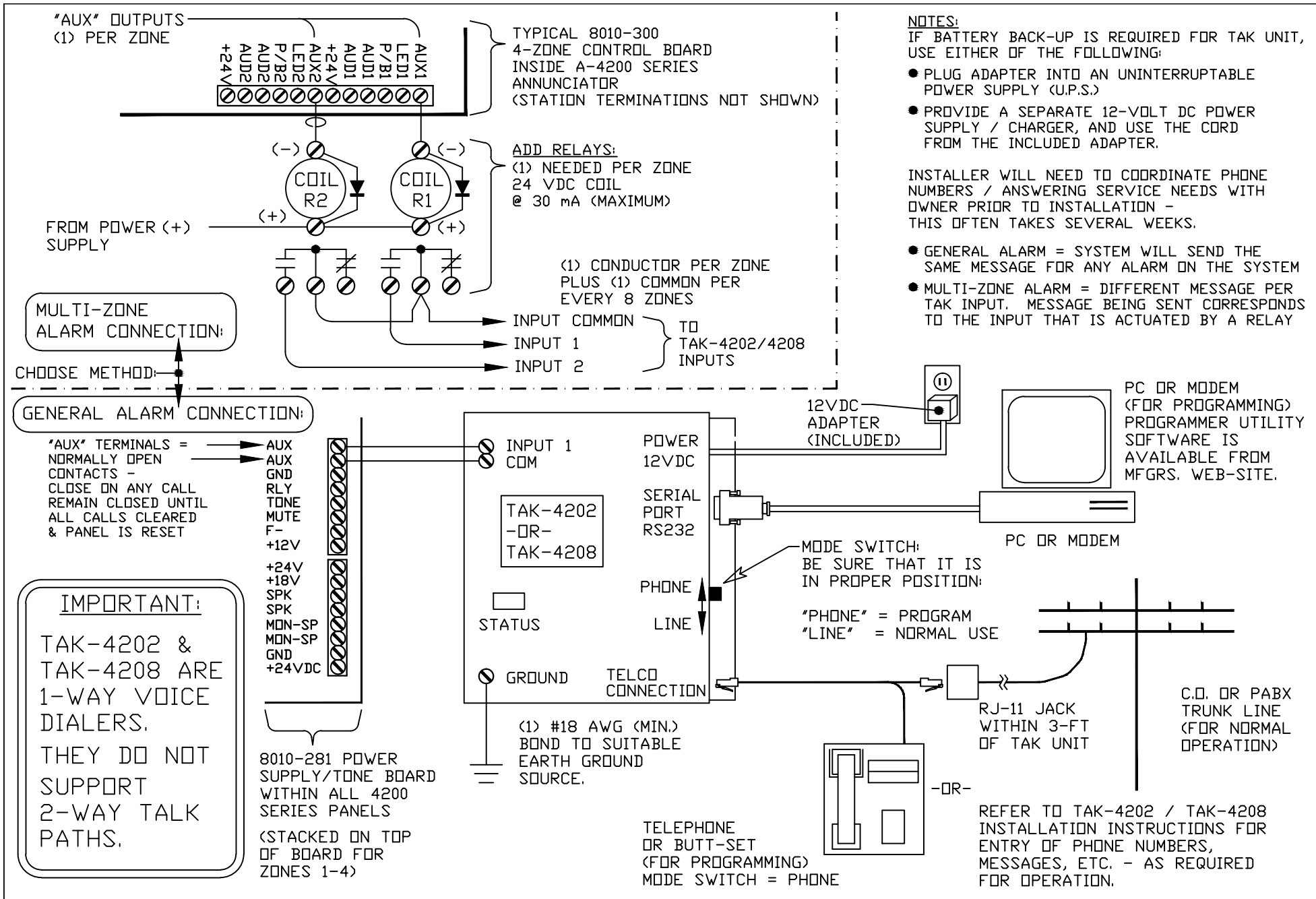
SYSTEM: 4200 RESCUE ASSISTANCE
DRAWING # 90022-13 D4200W-D





THIS DRAWING SHOWS THE TYPICAL INTERNAL WIRING, AS INSTALLED AT THE FACTORY BY CORNELL.

	CORNELL Communications, Inc. sales@cornell.com 414-351-4660 Web: www.cornell.com 414-351-4657(fax)	DATE: JANUARY 11, 2013 TITLE: FACTORY WIRING HARNESS	SYSTEM: 4200 RESCUE ASSISTANCE DRAWING # 90027-13	D4200W-E



CORNELL Communications, Inc.
sales@cornell.com 414-351-4660
Web: www.cornell.com 414-351-4657(fax)

DATE: MAY 22, 2013
TITLE: TELEPHONE ACCESS KIT

SYSTEM: 4200 RESCUE ASSISTANCE
DRAWING # 90068-13 **DTAK4200W**