NX-320 REMOTE POWER SUPPLY
INSTALLATION MANUAL

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1-800-727-2339

NX-320 REMOTE POWER SUPPLY MODULE

GENERAL DESCRIPTION

The NX-320 is a microprocessor controlled remote power supply module for the NX-8 control panel. The NX-320 has three (3) programmable outputs and one (1) dedicated bell output. A maximum of four (4) NX-320 power supply modules can be added to the NetworX control panel for a total output count of 16, of which 12 are programmable and 4 are dedicated bell outputs. These 12 programmable outputs can be used as auxiliary power, smoke detector power, siren driver power, etc. (see chart on page 4). Each NX-320 has a Tamper terminal that can be used to supervise the metal enclosure. When the NX-320 is connected to the NX-8 control panel, the maximum total wire run from the panel to all devices, including the NX-320, is 2500 feet.   Additionally, the maximum total wire run from the NX-320 to all outgoing devices is 2500 feet.

INSTALLING THE NX-320

The first thing that must be decided is the address of this particular power supply. This is the address that will be selected when programming the NX-320. To set the address, use the table below.
Dip Switch 4 is used to disable the Tamper feature of the NX-320 ("On = enabled / "Off" = disabled).

Address	Dip switch 1	Dip switch 2	Dip switch 3
84	OFF	OFF	NA
85	ON	OFF	NA
86	OFF	ON	NA
87	ON	ON	NA

ENROLLING THE NX-320 REMOTE POWER SUPPLY

The NX-8 has the ability to automatically find and store in its memory the presence of all keypads, zone expanders, wireless receivers and any other module connected to the data terminal. This allows these modules to be supervised by the control panel. To enroll the modules enter the Program Mode of the NX-8 control panel, and when the Program Mode is exited, it will automatically enroll the devices. The enrolling process takes about 12 seconds, during which time the "Service" LED will illuminate. User codes will not be accepted during the enrolling process. Once a module is enrolled, if it is not detected by the control, the "Service" LED will illuminate.

UNDERSTANDING THE LEDS

The NX-320 has four (4) red LEDs, which provide valuable information about the status of the NX-320. The following chart furnishes the indications of each LED.

LED	Description
DS1	*Flashes* when data is transmitted out from the NX-320.
DS2	*Flashes* when data is transmitted into the NX-320.
DS3	*Flashes* during normal operation.
DS4	Used for hardware, and will only glow dimly when connected to the NX-8 control panel.

TERMINAL DESCRIPTIONS

Terminal	Description	
DATA	Connect to the NX-8 control panel **Data** terminal. This terminal is the *incoming* data-signaling terminal to the NX-320. The maximum total wire run from the control panel to all devices, including the NX-320, is 2500 feet.	
COM	Connect to the NX-8 control panel **COMMON** terminal. This terminal supplies the common side of the power to the NX-320 board.	
POS	Connect to control panel **AUX POWER +** terminal. This terminal supplies power to the NX-320 board.	
DATA	This terminal is the *outgoing* data-signaling terminal for buss extension. The maximum total wire run from the NX-320 to all outgoing devices is 2500 feet.	
COM	Common terminal for any device powered from the NX-320.	
OUT A	Programmable output current limited to 1.5 Amps.	
OUT B	Programmable output current limited to 1.5 Amps.	
COM	Common terminal for any device powered from the NX-320.	**NOTE: The total current of the NX-320 is 2.0 Amps.**
OUT C	Programmable output current limited to 1.5 Amps.	
BELL +	Positive of bell output current limited to 2.5 Amps. Connect as in diagram on page 10.	
BELL -	Negative of bell output current limited to 2.5 Amps. Connect as in diagram on page 10.	
TAM	This is an optional tamper terminal. To use this feature, connect the normally closed tamper switch between this terminal and **COM**. If switch 4 is off, this feature is not used.	
EARTH	Earth Ground.	
AC	AC Input. Connect to a 16.5V 25, 40, or 50 VA Class II UL approved transformer.	
AC	AC Input. Connect to a 16.5V 25, 40, or 50 VA Class II UL approved transformer.	

WIRING REQUIREMENTS

LENGTH (MEASURED IN FEET)	WIRE GAUGE	
	WHEN CONNECTED TO NX-8	**WHEN CONNECTED TO ANOTHER NX-320**
400	24	24
500	24	22
1000	24	20
2000	22	18
2500	20	16

PROGRAMMING THE NX-320

The Program Mode is accessed by entering [_]-[**8**] (all of the function key LEDs will begin to flash). Enter the "Go To Program" code (default is [**9**]-[**7**]-[**1**]-[**3**]). If the code was valid, the Service LED will flash, and the function LEDs will illuminate steady, indicating the device to program should be entered. Next, enter the address of the NX-320 (see chart on page 2) followed by [**#**]. At this point, the Armed LED will illuminate while it is waiting for a programming location to be entered. Enter the desired programming location. The Armed LED will begin to flash while a programming location is being entered. Enter the [**#**] key. If this is a valid location, the Armed LED will extinguish, the Ready LED will illuminate, and the binary data for the first segment of this location will be shown on the zone LEDS. To change the data, enter the data followed by [_]. The data will be entered, and the location will automatically increment to the next segment. The data for that segment will be displayed. This procedure is repeated until the last segment is reached. Pressing the [**#**] key will exit from this location. To review the data, repeat the above procedure, pressing the [_] key without entering data first. Each time the [_] key is pressed, the next segment is displayed. Programming data is always one of two types of data. The first type is numerical, and can take on values from 0-255 or 0-15 depending on the segment size. The second type is a feature selection type. Feature selection data is used to turn features on or off. **LCD Keypad Users Note:** All steps required for programming are the same as the aforementioned LED keypad. The LCD keypad display will prompt you for the data required. While in the programming mode, and not in a location, the number in parenthesis is the location you were previously changing. For example, if the display reads "Enter location, then #   (5)", it is reminding you that location 5 was the last location you programmed. In feature selection data, the numbers of the enabled features will be displayed. However, the features not enabled will display a hyphen (-).

LOCATION 0   PROGRAMMING THE EVENT & TIME FOR OUTPUT A (1 segment of numerical data)

Segment 1 is used to select the particular event that will trigger Output A. See following chart for the specific events that can be selected.

Segment 2 is used to select the amount of time an output will remain activated when an output triggers. If this location is programmed as a zero, the output will follow the particular event.

#	Event	#	Event	#	Event
0	Always On	11	Smoke Power Reset	22	Disarmed
1	AC Fail (control or exp.) **Does not follow AC Fail delay time**	12	Yelping Siren	23	Ready to Arm
2	Low Battery (control or exp.)	13	Steady Siren	24	Not Ready to Arm
3	Dynamic Battery Test Time	14	Any Siren	25	Fire
4	Listen In	15	Steady Siren (temporal)	26	Fire Trouble
5	Line Seizure	16	Any Siren (temporal)	27	Chime
6	Telephone Line Fault	17	Alarm Memory	28	Beeping Keypad
7	Program Mode	18	Entry	29✦	Aux 1 Keypad Function
8	Over-current (control or exp.)	19	Exit	30✦	Aux 2 Keypad Function
9	Box Tamper (control or exp.)	20	Entry or Exit	31✦	Panic Keypad Function
10	Siren Tamper (control or exp.)	21	Armed	32✦	Code Entry (set codes in loc 8 – 17)

✦ If set to follow condition, these events will be one second.

LOCATION 1 PROGRAMMING SPECIAL FEATURES FOR OUTPUT A (8 segments of feature selection data)

Segment 1 selects the following special conditions:

    1 = "On" if output should time in minutes; "Off" if output times in seconds.
    2 = "On" if output should latch until a code is entered; "Off" for timed.
    3 = "On" if output should stop time when a code is entered.
    4 = "On" for inverted output.
    5 = "On" disables output during listen-in (only events 12-16).
    6 = Reserved.
    7 = Reserved.
    8 = Reserved.

Segment 2 selects the following partitions:

    1 = "On" if the event should activate when it occurs in Partition 1.
    2 = "On" if the event should activate when it occurs in Partition 2.
    3 = "On" if the event should activate when it occurs in Partition 3.
    4 = "On" if the event should activate when it occurs in Partition 4.
    5 = "On" if the event should activate when it occurs in Partition 5.
    6 = "On" if the event should activate when it occurs in Partition 6.
    7 = "On" if the event should activate when it occurs in Partition 7.
    8 = "On" if the event should activate when it occurs in Partition 8.

LOCATION 2 PROGRAMMING THE EVENT & TIME FOR OUTPUT B (1 segment of numerical data)

Segment 1 is used to program the particular event that will trigger Output B. See chart on page 4 for the specific events that can be selected.

Segment 2 is used to select the amount of time an output will remain activated when an output triggers. If this location is programmed as a zero, the output will follow the particular event.

LOCATION 3 PROGRAMMING SPECIAL FEATURES FOR OUTPUT B (8 segments of feature selection data)

Segment 1 selects the following special conditions:

    1 = "On" if output should time in minutes; "Off" if output times in seconds.
    2 = "On" if output should latch until a code is entered; "Off" for timed.
    3 = "On" if output should stop time when a code is entered.
    4 = "On" for inverted output.
    5 = "On" disables output during listen-in (only events 12-16).
    6 = Reserved.
    7 = Reserved.
    8 = Reserved.

Segment 2 selects the following partitions:

    1 = "On" if the event should activate when it occurs in Partition 1.
    2 = "On" if the event should activate when it occurs in Partition 2.
    3 = "On" if the event should activate when it occurs in Partition 3.
    4 = "On" if the event should activate when it occurs in Partition 4.
    5 = "On" if the event should activate when it occurs in Partition 5.
    6 = "On" if the event should activate when it occurs in Partition 6.
    7 = "On" if the event should activate when it occurs in Partition 7.
    8 = "On" if the event should activate when it occurs in Partition 8.

LOCATION 4   PROGRAMMING THE EVENT & TIME FOR OUTPUT C (1 segment of numerical data)

Segment 1 is used to program the particular event that will trigger Output C. See chart on page 4 for the specific events that can be selected.

Segment 2 is used to select the amount of time an output will remain activated when an output triggers. If this location is programmed as a zero, the output will follow the particular event.

LOCATION 5   PROGRAMMING SPECIAL FEATURES FOR OUTPUT C (8 segments of feature selection data)

Segment 1 selects the following special conditions:

   1 = "On" if output should time in minutes; "Off" if output times in seconds.
   2 = "On" if output should latch until a code is entered; "Off" for timed.
   3 = "On" if output should stop time when a code is entered.
   4 = "On" for inverted output.
   5 = "On" disables output during listen-in (only events 12-16).
   6 = Reserved.
   7 = Reserved.
   8 = Reserved.

Segment 2 selects the following partitions:

   1 = "On" if the event should activate when it occurs in Partition 1.
   2 = "On" if the event should activate when it occurs in Partition 2.
   3 = "On" if the event should activate when it occurs in Partition 3.
   4 = "On" if the event should activate when it occurs in Partition 4.
   5 = "On" if the event should activate when it occurs in Partition 5.
   6 = "On" if the event should activate when it occurs in Partition 6.
   7 = "On" if the event should activate when it occurs in Partition 7.
   8 = "On" if the event should activate when it occurs in Partition 8.

LOCATIONS 6 & 7   RESERVED

LOCATION 8   CODES 1-10 OUTPUT ENABLE   (10 segments of feature selection data)
When activating outputs with a user code (event #30), location 8 can be used to restrict certain codes from activating certain outputs. Location 8 contains 10 segments. Segment 1 corresponds to user 1; Segment 10 corresponds to user 10. The LEDs correspond to outputs A - C.

LED	DESCRIPTION
1	"On" if code will activate Output A; "Off" if it will not.
2	"On" if code will activate Output B; "Off" if it will not.
3	"On" if code will activate Output C; "Off" if it will not.
4	Reserved.

LOCATION 9   CODES 11-20 OUTPUT ENABLE (10 segments of feature selection data)
When activating outputs with a user code (event #30), location 9 can be used to restrict certain codes from activating certain outputs. Location 9 contains 10 segments. Segment 1 corresponds to user 11; Segment 10 corresponds to user 20. The LEDs correspond to outputs A - C (see chart above).

LOCATION 10   CODES 21-30 OUTPUT ENABLE (10 segments of feature selection data)
When activating outputs with a user code (event #30), location 10 can be used to restrict certain codes from activating certain outputs. Location 10 contains 10 segments. Segment 1 corresponds to user 21; Segment 10 corresponds to user 30. The LEDs correspond to outputs A - C (see chart above).

LOCATION 11   CODES 31-40 OUTPUT ENABLE (10 segments of feature selection data)
When activating outputs with a user code (event #30), location 11 can be used to restrict certain codes from activating certain outputs. Location 11 contains 10 segments. Segment 1 corresponds to user 31; Segment 10 corresponds to user 40. The LEDs correspond to outputs A - C (see chart above).

LOCATION 12   CODES 41-50 OUTPUT ENABLE (10 segments of feature selection data)
When activating outputs with a user code (event #30), location 12 can be used to restrict certain codes from activating certain outputs. Location 12 contains 10 segments. Segment 1 corresponds to user 41; Segment 10 corresponds to user 50. The LEDs correspond to outputs A - C (see chart above).

LOCATION 13   CODES 51-60 OUTPUT ENABLE (10 segments of feature selection data)
When activating outputs with a user code (event #30), location 13 can be used to restrict certain codes from activating certain outputs. Location 13 contains 10 segments. Segment 1 corresponds to user 51; Segment 10 corresponds to user 60. The LEDs correspond to outputs A - C (see chart above).

LOCATION 14   CODES 61-70 OUTPUT ENABLE (10 segments of feature selection data)
When activating outputs with a user code (event #30), location 14 can be used to restrict certain codes from activating certain outputs. Location 14 contains 10 segments. Segment 1 corresponds to user 61; Segment 10 corresponds to user 70. The LEDs correspond to outputs A - C (see chart above).

LOCATION 15   CODES 71-80 OUTPUT ENABLE (10 segments of feature selection data)
When activating outputs with a user code (event #30), location 15 can be used to restrict certain codes from activating certain outputs. Location 15 contains 10 segments. Segment 1 corresponds to user 71; Segment 10 corresponds to user 80. The LEDs correspond to outputs A – C (see chart on page 6).

LOCATION 16   CODES 81-90 OUTPUT ENABLE (10 segments of feature selection data)
When activating outputs with a user code (event #30), location 16 can be used to restrict certain codes from activating certain outputs. Location 16 contains 10 segments. Segment 1 corresponds to user 81; Segment 10 corresponds to user 90. The LEDs correspond to outputs A - C (see chart on page 6).

LOCATION 17   CODES 91-99 OUTPUT ENABLE (9 segments of feature selection data)
When activating outputs with a user code (event #30), location 17 can be used to restrict certain codes from activating certain outputs. Location 17 contains 9 segments. Segment 1 corresponds to user 91; Segment 9 corresponds to user 99. The LEDs correspond to outputs A - C (see chart on page 6).

LOCATION 18   A/C DELAY AND DYNAMIC BATTERY TEST (2 segments of feature selection data)
Location 18 is used to enable the A/C delay and the Dynamic Battery Test, both of which are timed in minutes. The factory default is *5-0,* meaning the A/C power will be off for 5 minutes before a report is sent or a *Service* light will illuminate, and the Dynamic Battery Test is disabled ("0" minutes). If you desire the A/C delay to be 8 minutes and the Dynamic Battery Test to be 3 minutes, you would program [**8**]-[**3**].

LOCATION 19   DEVICE OPTIONS (8 segments of feature selection data)
Location 19 is used to enable various system features of the NX-320 power supply.

LED	Description
1	**On for AC report always sent; Off follows control** ▪ If enabled, an AC Fail report will be sent if power is lost for the time programmed in Location 18. If "off", the report will only be sent if the control panel has not sent an AC Power Lost report, and AC Fail report is enabled in Location 37.
2	**On enables periodic Battery Test** ▪ Enables Battery Missing every 30 seconds.
3	**On enables Low Battery reporting** ▪ If enabled, the NX-320 will report Low Battery to the central station.
4	**On enables Siren Tamper/Trouble reporting** ▪ If enabled, the NX-320 will report a Siren Tamper to the central station.
5-8	**Reserved**

NetworX NX-320 Programming Worksheets

(Defaults are printed in **bold italics** text.)

At Default: **Output A = AUX POWER, Output B = AUX POWER, Output C = SMOKE POWER**

LOC	PAGE	DESCRIPTION	*DEFAULT*	DATA
0	4	OUTPUT A EVENT & TIME	*0 10*	_ _
1	5	OUTPUT A SPECIAL FEATURES Segment 1 1 = "On" if timed in minutes; "Off" if timed in seconds. 2 = "On" if latched until code is entered; "Off" for timed. ***3 = "On" if output should stop time when a code is entered.*** 4 = "On" for inverted output. 5 = "On" disables output during listen-in. 6-8 = Reserved	Segment 2 ***1 = Partition 1 5 = Partition 5*** ***2 = Partition 2 6 = Partition 6*** ***3 = Partition 3 7 = Partition 7*** ***4 = Partition 4 8 = Partition 8***	
2	4	OUTPUT B EVENT & TIME	*0 10*	_ _
3	5	OUTPUT B SPECIAL FEATURES Segment 1 1 = "On" if timed in minutes; "Off" if timed in seconds. 2 = "On" if latched until code is entered; "Off" for timed. ***3 = "On" if output should stop time when a code is entered.*** 4 = "On" for inverted output. 5 = "On" disables output during listen-in. 6-8 = Reserved.	Segment 2 ***1 = Partition 1 5 = Partition 5*** ***2 = Partition 2 6 = Partition 6*** ***3 = Partition 3 7 = Partition 7*** ***4 = Partition 4 8 = Partition 8***	
4	6	OUTPUT C EVENT & TIME	*11 8*	_ _
5	6	OUTPUT C SPECIAL FEATURES Segment 1 1 = "On" if timed in minutes; "Off" if timed in seconds. 2 = "On" if latched until code is entered; "Off" for timed. 3 = "On" if output should stop time when a code is entered. ***4 = "On" for inverted output.*** 5 = "On disables output during listen-in. 6-8 = Reserved.	Segment 2 ***1 = Partition 1 5 = Partition 5*** ***2 = Partition 2 6 = Partition 6*** ***3 = Partition 3 7 = Partition 7*** ***4 = Partition 4 8 = Partition 8***	
6 & 7	6	RESERVED.		

LOC	PAGE	DESCRIPTION										
8	6	Codes 1-10 Output Enable (Circle the numbers to program)										
		User	1	2	3	4	5	6	7	8	9	10
		Output #A	*1*	*1*	*1*	*1*	*1*	*1*	*1*	*1*	*1*	*1*
		Output #B	*2*	*2*	*2*	*2*	*2*	*2*	*2*	*2*	*2*	*2*
		Output #C	*3*	*3*	*3*	*3*	*3*	*3*	*3*	*3*	*3*	*3*
9	6	Codes 11-20 Output Enable (Circle the numbers to program)										
		User	11	12	13	14	15	16	17	18	19	20
		Output #A	*1*	*1*	*1*	*1*	*1*	*1*	*1*	*1*	*1*	*1*
		Output #B	*2*	*2*	*2*	*2*	*2*	*2*	*2*	*2*	*2*	*2*
		Output #C	*3*	*3*	*3*	*3*	*3*	*3*	*3*	*3*	*3*	*3*
10	6	Codes 21-30 Output Enable (Circle the numbers to program)										
		User	21	22	23	24	25	26	27	28	29	30
		Output #A	*1*	*1*	*1*	*1*	*1*	*1*	*1*	*1*	*1*	*1*
		Output #B	*2*	*2*	*2*	*2*	*2*	*2*	*2*	*2*	*2*	*2*
		Output #C	*3*	*3*	*3*	*3*	*3*	*3*	*3*	*3*	*3*	*3*
11	7	Codes 31-40 Output Enable (Circle the numbers to program)										
		User	31	32	33	34	35	36	37	38	39	40
		Output #A	*1*	*1*	*1*	*1*	*1*	*1*	*1*	*1*	*1*	*1*
		Output #B	*2*	*2*	*2*	*2*	*2*	*2*	*2*	*2*	*2*	*2*
		Output #C	*3*	*3*	*3*	*3*	*3*	*3*	*3*	*3*	*3*	*3*
12	7	Codes 41-50 Output Enable (Circle the numbers to program)										
		User	41	42	43	44	45	46	47	48	49	50
		Output #A	*1*	*1*	*1*	*1*	*1*	*1*	*1*	*1*	*1*	*1*
		Output #B	*2*	*2*	*2*	*2*	*2*	*2*	*2*	*2*	*2*	*2*
		Output #C	*3*	*3*	*3*	*3*	*3*	*3*	*3*	*3*	*3*	*3*
13	7	Codes 51-60 Output Enable (Circle the numbers to program)										
		User	51	52	53	54	55	56	57	58	59	60
		Output #A	*1*	*1*	*1*	*1*	*1*	*1*	*1*	*1*	*1*	*1*
		Output #B	*2*	*2*	*2*	*2*	*2*	*2*	*2*	*2*	*2*	*2*
		Output #C	*3*	*3*	*3*	*3*	*3*	*3*	*3*	*3*	*3*	*3*
14	7	Codes 61-70 Output Enable (Circle the numbers to program)										
		User	61	62	63	64	65	66	67	68	69	70
		Output #A	*1*	*1*	*1*	*1*	*1*	*1*	*1*	*1*	*1*	*1*
		Output #B	*2*	*2*	*2*	*2*	*2*	*2*	*2*	*2*	*2*	*2*
		Output #C	*3*	*3*	*3*	*3*	*3*	*3*	*3*	*3*	*3*	*3*
15	7	Codes 71-80 Output Enable (Circle the numbers to program)										
		User	71	72	73	74	75	76	77	78	79	80
		Output #A	*1*	*1*	*1*	*1*	*1*	*1*	*1*	*1*	*1*	*1*
		Output #B	*2*	*2*	*2*	*2*	*2*	*2*	*2*	*2*	*2*	*2*
		Output #C	*3*	*3*	*3*	*3*	*3*	*3*	*3*	*3*	*3*	*3*
16	7	Codes 81-90 Output Enable (Circle the numbers to program)										
		User	81	82	83	84	85	86	87	88	89	90
		Output #A	*1*	*1*	*1*	*1*	*1*	*1*	*1*	*1*	*1*	*1*
		Output #B	*2*	*2*	*2*	*2*	*2*	*2*	*2*	*2*	*2*	*2*
		Output #C	*3*	*3*	*3*	*3*	*3*	*3*	*3*	*3*	*3*	*3*
17	7	Codes 91-99 Output Enable (Circle the numbers to program)										
		User	91	92	93	94	95	96	97	98	99	
		Output #A	*1*	*1*	*1*	*1*	*1*	*1*	*1*	*1*	*1*	
		Output #B	*2*	*2*	*2*	*2*	*2*	*2*	*2*	*2*	*2*	
		Output #C	*3*	*3*	*3*	*3*	*3*	*3*	*3*	*3*	*3*	

LOC	PAGE	DESCRIPTION	*DEFAULT*	DATA
18	7	A/C Delay (in minutes)	**5**	___
		Dynamic Battery Test (in minutes)	**0**	___
19	7	Device Options (Circle the numbers to program)		
		1=On for AC report always sent; Off follows control ***2=On enables periodic battery test*** ***3=On enables low battery reporting*** ***4=On enables siren tamper/trouble reporting***	5=Reserved 6=Reserved 7=Reserved 8=Reserved	

NX-320 LAYOUT
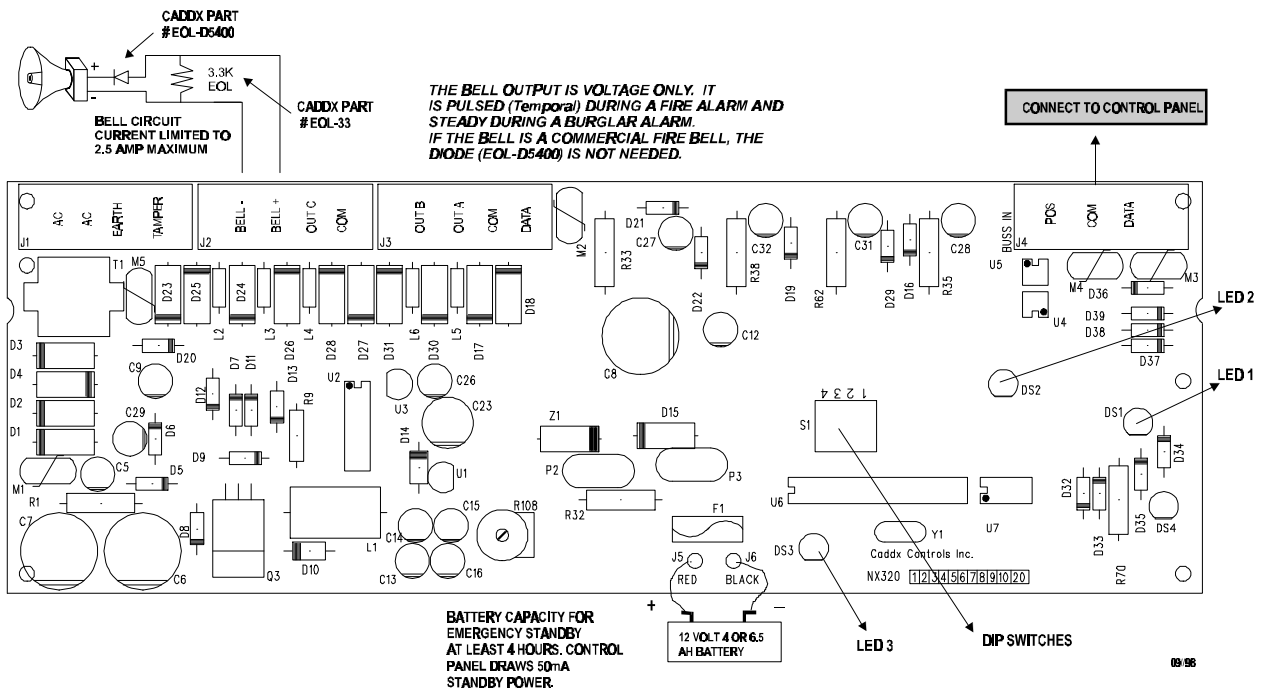
MAXIMUM WIRE RUNS

Length in Feet	Wire Gauge From NX-8 Control Panel	Wire Gauge Daisy Chain to another NX-320
400	24	24
500	24	22
1000	24	20
2000	22	18
2500	20	16

ENCLOSURE DIAGRAM

Inside the can, several 2-holed insertion points have been constructed. This allows for either vertical or horizontal placement of the modules. **Notice that the insertion points have two sizes of holes -- a larger hole and a smaller hole**.

Diagram 1: The black plastic PCB guides are grooved on one edge where the PC Board will be seated. The end with the half-moon protrusion fits into the larger hole. The smaller hole is for the screw.

Diagram 2: Place the *first* black plastic PCB guide in the top insertion point, grooved edge downward. The half-moon protrusion will be in the large hole. It does not require force. Insert one of the provided screws into the smaller hole (from inside the can) to secure it in place. A screwdriver should reach through the notch that runs the length of the guide to tighten the screw. The *second* PCB guide should be positioned opposite of the first (grooved edge up) and placed in the lower insertion point, using the same procedures described above. Once mounted, screw it in securely.

Diagram 3: The PC board should slide freely in the grooves of both guides.
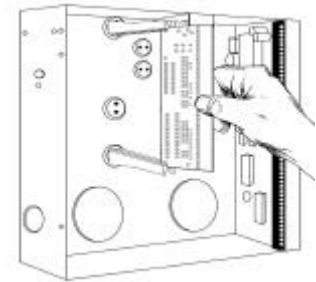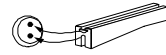
SYSTEM NOTES

SPECIFICATIONS

NX-320 DIMENSIONS	**2" Wide** **9" High** **4" Deep**
CURRENT DRAW	**10 mA Standby** **16.5 VAC 40 or 50 VA Transformer**
AUXILIARY POWER	**Limited to 2.0 Amps with 50 VA** **Limited to 1.5 Amps with 40 VA**
OPERATING TEMPERATURE	**32 to 120 degrees F**
SHIPPING WEIGHT	**8 lbs.**