

NETWORKX NX216-E ZONE EXPANDER

INSTALLATION MANUAL

Table of Contents

	Page
General Description	2
6-Position Dip Switch Settings	2
Enrolling the NX216-E Expander	2
Wiring the NX216-E	2
Terminal Description	4
Wiring Diagram	4
Default Zone Configurations	5
Programming Zone Configuration & Partition	5 - 6
Specifications.....	Back

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GENERAL DESCRIPTION

The NX216-E is a microprocessor-controlled 16-zone expander for the NX8/NX8-E control panels. Up to 5 NX216-E expanders can be added to the NetworX NX8 control panel with a maximum zone count of 48 zones. Up to twenty-three NX216-E expanders can be added to the NX8-E control with a maximum zone count of 192 zones. Each expander has an optional tamper switch and power isolator making it ideal for use in a remote location.

6-POSITION DIP SWITCH SETTINGS

The first thing that must be decided is the starting zone of this particular zone expander. The starting zone must be on a boundary of eight (8) zones. The sixteen (16) zones for this module will move out from this starting position. To set the starting zone, set the dip switch according to the table below:

NOTE: THE POSITION OF ALL SWITCHES IS ONLY UPDATED WHEN THE NX216-E IS POWERED UP. BEFORE YOU CHANGE THE POSITION OF THESE SWITCHES YOU MUST POWER DOWN THE EXPANDER.

Starting Zone #	Expander #	Switch 1	Switch 2	Switch 3	Switch 4	Switch 5
1	22	OFF	OFF	OFF	OFF	OFF
9	23	ON	OFF	OFF	OFF	OFF
17	16	OFF	ON	OFF	OFF	OFF
25	17	ON	ON	OFF	OFF	OFF
33	18	OFF	OFF	ON	OFF	OFF
41	19	ON	OFF	ON	OFF	OFF
49	20	OFF	ON	ON	OFF	OFF
57	21	ON	ON	ON	OFF	OFF
65	96	OFF	OFF	OFF	ON	OFF
73	97	ON	OFF	OFF	ON	OFF
81	98	OFF	ON	OFF	ON	OFF
89	99	ON	ON	OFF	ON	OFF
97	100	OFF	OFF	ON	ON	OFF
105	101	ON	OFF	ON	ON	OFF
113	102	OFF	ON	ON	ON	OFF
121	103	ON	ON	ON	ON	OFF
129	104	OFF	OFF	OFF	OFF	ON
137	105	ON	OFF	OFF	OFF	ON
145	106	OFF	ON	OFF	OFF	ON
153	107	ON	ON	OFF	OFF	ON
161	108	OFF	OFF	ON	OFF	ON
169	109	ON	OFF	ON	OFF	ON
177	110	OFF	ON	ON	OFF	ON
185	111	ON	ON	ON	OFF	ON

Dip switch 6 - Dip switch 6 is used to disable the second block of eight (8) zones on this zone expander. This can be done if only an eight- (8) zone expander is required in a particular expander location. **To disable the second group of eight (8) zones on this expander, turn dip switch 6 on.**

ENROLLING THE NX216-E EXPANDER

The NX8/NX8-E 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 NX8/NX8-E control, 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.



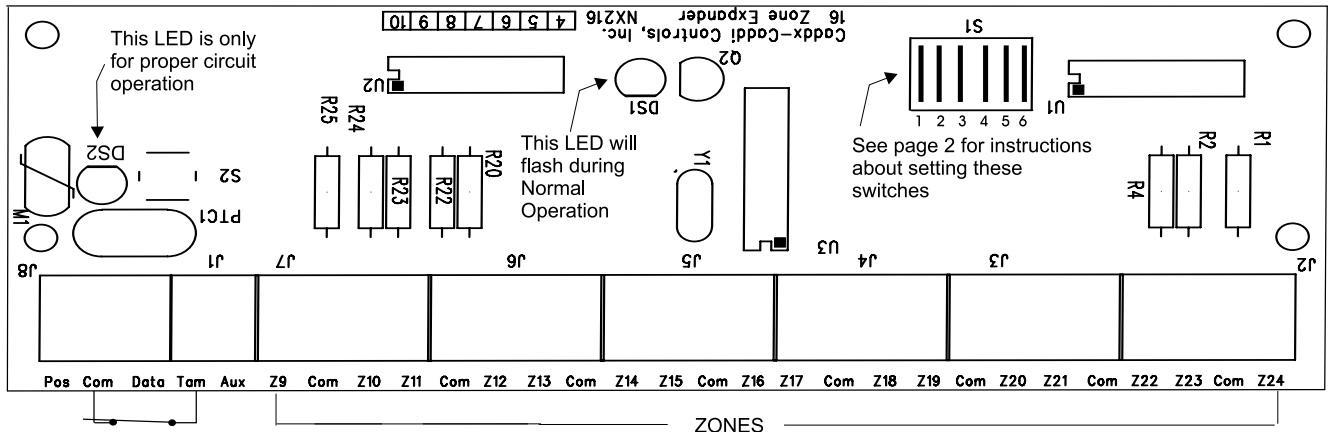
WIRING THE NX216-E

Wire the zones according to the wiring diagram. **NOTE: Any unused zones must have the EOL resistor across it (unless all eight are disabled by dip switch 6).**

TERMINAL DESCRIPTION

TERMINAL	DESCRIPTION
POS	Connect to the KP POS terminal of the NX8/NX8-E. Current draw is 30 mA.
COM	Connect to the KP COM terminal of the NX8/NX8-E.
DATA	Connect to the KP DATA terminal of the NX8/NX8-E. (See the wiring diagram for wire specifications)
TAM	Connect as shown below. IF NOT USED, CONNECT TO A COM TERMINAL.
AUX	Can be used to power devices directly from the NX216-E. Power is coming from the NX8/NX8-E, therefore the current draw of these devices must be added to the total current draw of the NX216-E. This output is current limited to 100 mA.
Z9	Connect to one side of zone 9 loop. Connect the other side to COM terminal. Open or short causes alarm. (See the wiring diagram for examples)
COM	Common (-) terminal for zones 9 & 10.
Z10	Connect to one side of zone 10 loop. Connect the other side to COM terminal. Open or short causes alarm. (See the wiring diagram for examples).
Z11-Z24	Connect as described for Z9 & Z10.

WIRING DIAGRAM



Pos, Com, and Data - Connect to keypad terminals on the NX-8 or the NX-320.
Tam - Connect to Com terminal through a normally closed switch.
Aux - Current limited to 100mA (MUST BE ADDED TO CONTROL AUX POWER)
Z9-Z24 - Connect as described in the terminal description.

MAXIMUM WIRE RUN WHEN CONNECTED TO NX-8

If using Aux terminal:
 250' - 24 gauge
 500' - 20 gauge
 1000' - 18 gauge
 1500' - 16 gauge
 2500' - 14 gauge

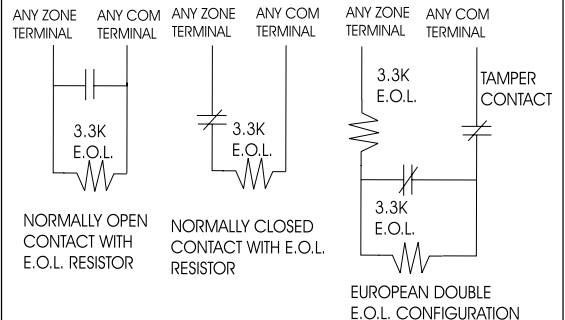
If NOT using Aux terminal:
 250' - 24 gauge
 750' - 24 gauge
 1000' - 22 gauge
 2000' - 20 gauge
 2500' - 18 gauge

MAXIMUM WIRE RUN WHEN CONNECTED TO NX-320

If using Aux terminal:
 250' - 22 gauge
 500' - 18 gauge
 1000' - 16 gauge
 1500' - 14 gauge
 2500' - 12 gauge

If NOT using Aux terminal:
 500' - 22 gauge
 750' - 20 gauge
 1000' - 20 gauge
 2000' - 16 gauge
 2500' - 16 gauge

ZONE CONNECTIONS



DEFAULT ZONE CONFIGURATIONS

Zones can be programmed to be one of thirty different zone configurations (zone types). Configurations # 17 through 20 can be used for wireless or hardwired zones using European double EOL configuration. The default zone configurations are listed below. These zone configurations can be customized by programming locations 110 to 169. **NOTE #1: Zone Types 21-30 are applicable to the NX8-E control panel ONLY.** **NOTE #2: The expander zones will not follow the Fast Loop Response.**

DATA	DESCRIPTION OF DEFAULT CONFIGURATION
"1"	DAY ZONE - Instant when system is armed trouble zone when system is disarmed.
"2"	24-HOUR AUDIBLE - Creates an instant yelping siren alarm regardless of the armed state of the panel.
"3"	ENTRY/EXIT DELAY 1 - A trip will start entry delay 1. The lack of a trip during exit delay will enable the Automatic Bypass or Instant mode if so programmed.
"4"	FOLLOWER WITH AUTO-BYPASS DISABLED - This zone will be instant when the system is armed and no entry or exit delays are being timed. It is delayed during entry and exit delay times. This zone will not bypass in Stay Mode, nor automatically bypass even if enabled in Segment 1 / Location 23.
"5"	INTERIOR FOLLOWER WITH AUTO- BYPASS ENABLED - This zone will be instant when the system is armed and no entry or exit delay is being timed. It is delayed during entry and exit delay times. This zone will bypass in Stay Mode, and automatically bypass if enabled in Segment 1 of Location 23.
"6"	INSTANT - This zone creates an instant alarm whenever it is tripped and the Armed LED is on.
"7"	24-HOUR SILENT - Creates an instant silent alarm regardless of the armed state of the control panel. It will not display on the keypad.
"8"	FIRE - This zone will illuminate the Fire LED and sound the temporal siren each time the zone is shorted. It will also rapidly flash the Fire LED indicating a trouble if the zone is open.
"9"	ENTRY/EXIT DELAY 2 - A trip will start entry delay 2. The lack of a trip during exit delay will enable the Automatic Bypass or Instant mode if so programmed.
"10"	24-HOUR SILENT SUPERVISED - Creates an instant silent alarm regardless of the armed state of the control panel. It will display on the keypad.
"11"	KEYSWITCH ZONE - This zone type will arm and disarm the partition or partitions of the control panel that resides in each time the zone is shorted. Keyswitch arming will report as user #99.
"12"	INTERIOR FOLLOWER WITH "CROSS ZONE" ENABLED - This zone will be Instant when the system is armed and no entry or exit delay is being timed. It is delayed during entry and exit delay times. If a "Cross Zone" is not being timed it will start a "Cross Zone" timer. If a "Cross Zone" is being timed it will create an Instant alarm. This zone will bypass in Stay Mode and automatically bypass when enabled in Segment 1 of Location 23.
"13"	INSTANT ENTRY GUARD - This zone creates an instant alarm whenever it is tripped and the Stay LED is off. It will start an entry delay time 2 if it is tripped and the system is armed and the Stay LED is on.
"14"	ENTRY/EXIT DELAY 1 WITH GROUP BYPASS ENABLED - A trip will start entry delay 1. This zone will bypass when the "Group Bypass" command is entered at the keypad. The lack of a trip during exit delay will enable the Automatic Bypass or Instant mode if so programmed.
"15"	INTERIOR FOLLOWER WITH GROUP BYPASS ENABLED - This zone will be instant when the system is armed and no entry or exit delays are being timed. It is delayed during entry/exit delay times. This zone will bypass when the "Group Bypass" command is entered at the keypad. This zone will bypass in Stay Mode and automatically bypass even if enabled in Segment 1 / Location 23.
"16"	INSTANT WITH GROUP BYPASS ENABLED - This zone creates an instant alarm whenever it is tripped and the Armed LED is on. This zone will bypass when the "Group Bypass" command is entered at the keypad.
"17"	ENTRY/EXIT DELAY 1 WITH TAMPER ENABLED - A trip will start entry delay 1. The lack of a trip during exit delay will enable the Automatic Bypass or Instant mode if so programmed. This configuration group can be used to enable tamper on a wireless transmitter.
"18"	INTERIOR FOLLOWER WITH TAMPER AND AUTO-BYPASS ENABLED - This zone will be instant when the system is armed and no entry or exit delay is being timed. It is delayed during entry and exit delay times. This zone will bypass in Stay Mode and automatically bypass if enabled in Segment 1 / Location 23. This configuration group can be used to enable tamper on a wireless transmitter.
"19"	INSTANT WITH TAMPER ENABLED - This zone creates an instant alarm whenever it is tripped and the Armed LED is on. This configuration group can be used to enable tamper on a wireless transmitter.
"20"	ENTRY/EXIT DELAY 2 WITH TAMPER ENABLED - A trip will start entry delay 2. The lack of a trip during exit delay will enable the Automatic Bypass or Instant mode if so programmed. This configuration group can be used to enable tamper on a wireless transmitter.



DATA	DESCRIPTION OF DEFAULT CONFIGURATION
Zone Types 21-30 are applicable to the NX8-E control panel ONLY	
21	GAS DETECTION- Creates an instant alarm regardless of the armed state of the control panel. It will display on the keypad and activate the keypad sounder.
22	LOW TEMP DETECTION- Creates an instant silent alarm regardless of the armed state of the control panel. It will display on the keypad and activate the keypad sounder.
23	HIGH TEMP DETECTION- Creates an instant silent alarm regardless of the armed state of the control panel. It will display on the keypad and activate the keypad sounder.
24	MANUAL FIRE - This zone will illuminate the Fire LED and sound the temporal siren each time the zone is shorted. It will also rapidly flash the Fire LED indicating a trouble if the zone is open.
25	CHIME ONLY - Creates no alarm regardless of the armed state of the control panel. It will chime anytime it is faulted and will display on the keypad. Local only.
26	INTERIOR FOLLOWER DELAY 2 - This zone will be instant when the system is armed and no entry or exit delay is being timed. It is delayed during entry and exit delay 2 times. This zone will automatically bypass if enabled in Segment 1 of Location 23.
27	INTERIOR FOLLOWER FORCE ARMABLE - This zone will be instant when the system is armed and no entry or exit delay is being timed. It is delayed during entry and exit delay 1 times. This zone will automatically bypass if enabled in Segment 1 of Location 23.
28	ENTRY/EXIT FORCE ARMABLE DELAY 2 - A trip will start entry delay 2. The lack of a trip during exit delay will enable the Automatic Bypass or Instant mode if so programmed.
29	INTERIOR FOLLOWER WITH ACTIVITY SUPERVISION ENABLED - This zone will be instant when the system is armed and no entry or exit delay is being timed. It is delayed during entry and exit delay times. It will send a report if the zone activity time is reached without a change of state. Refer to Location 40 / Segment 11. This zone will automatically bypass if enabled in Segment 1 of Location 23.
30	ENTRY/EXIT WITH ACTIVITY SUPERVISION ENABLED- A trip will start entry delay 1. It will send a report if the zone activity time is reached without a change of state. Refer to Location 40 / Segment 11. The lack of a trip during exit delay will enable the Automatic Bypass or Instant mode if so programmed.

PROGRAMMING THE ZONE CONFIGURATION AND PARTITION FOR EACH ZONE

The programming for all zone information is performed in the NX8/NX8-E control panel. For instructions on accessing and programming the NX8/NX8-E, as well as changing the characteristics of a configuration group, refer to the NX8/NX8-E Installation Manual. The following programming information is taken from the NX8/NX8-E Installation Manual.

LOCATION 25 CONFIGURATION GROUP ZONES 1-8 (8 segments, numerical data)

Location 25 contains the Configuration Group (Zone type) for zones 1-9. Segment 1 is for zone 1; Segment 8 is for zone 8. Default configurations are found in the table on page 4.

LOCATION 26 PARTITION SELECT ZONES 1-8 (8 segments, feature selection data)

Location 26 is used to select the partition(s) that zones 1-8 reside in. A zone may reside in any combination of the 8 partitions. **If a burglary zone resides in more than 1 partition, it will only be active when all partitions are armed. A zone that resides in more than 1 partition will be reported to its lowest partition.** Location 28 has 8 segments. Segment 1 corresponds to zone 1 and Segment 8 corresponds to zone 8.

Segments 1 - 8:

- 1 = Partition #1
- 2 = Partition #2
- 3 = Partition #3
- 4 = Partition #4
- 5 = Partition #5
- 6 = Partition #6
- 7 = Partition #7
- 8 = Partition #8



LOCATIONS 27 – 36 and 170 - 205

These locations contain the Configuration Group and Partition Select for Zones 9 – 192. Use the instructions associated with Location 25 and 26 to program the remaining locations. Worksheets for these locations are included for your convenience.

LOC	DESCRIPTION	DEFAULT						DATA	
27	ZONES 9 - 16 CONFIGURATION GROUP	6-6-6-6-6-6-6							
28	ZONES 9 - 16 PARTITION SELECT								
	Segment Zone	1	2	3	4	5	6	7	8
		9	10	11	12	13	14	15	16
		1	1	1	1	1	1	1	1
		2	2	2	2	2	2	2	2
		3	3	3	3	3	3	3	3
		4	4	4	4	4	4	4	4
		5	5	5	5	5	5	5	5
		6	6	6	6	6	6	6	6
		7	7	7	7	7	7	7	7
		8	8	8	8	8	8	8	8
29	ZONES 17 – 24 CONFIGURATION GROUP	6-6-6-6-6-6-6							
30	ZONES 17 – 24 PARTITION SELECT								
	Segment Zone	1	2	3	4	5	6	7	8
		17	18	19	20	21	22	23	24
		1	1	1	1	1	1	1	1
		2	2	2	2	2	2	2	2
		3	3	3	3	3	3	3	3
		4	4	4	4	4	4	4	4
		5	5	5	5	5	5	5	5
		6	6	6	6	6	6	6	6
		7	7	7	7	7	7	7	7
		8	8	8	8	8	8	8	8
31	ZONES 25 – 32 CONFIGURATION GROUP	6-6-6-6-6-6-6							
32	ZONES 25 – 32 PARTITION SELECT								
	Segment Zone	1	2	3	4	5	6	7	8
		25	26	27	28	29	30	31	32
		1	1	1	1	1	1	1	1
		2	2	2	2	2	2	2	2
		3	3	3	3	3	3	3	3
		4	4	4	4	4	4	4	4
		5	5	5	5	5	5	5	5
		6	6	6	6	6	6	6	6
		7	7	7	7	7	7	7	7
		8	8	8	8	8	8	8	8
33	ZONES 33 – 40 CONFIGURATION GROUP	6-6-6-6-6-6-6							
34	ZONES 33 – 40 PARTITION SELECT								
	Segment Zone	1	2	3	4	5	6	7	8
		33	34	35	36	37	38	39	40
		1	1	1	1	1	1	1	1
		2	2	2	2	2	2	2	2
		3	3	3	3	3	3	3	3
		4	4	4	4	4	4	4	4
		5	5	5	5	5	5	5	5
		6	6	6	6	6	6	6	6
		7	7	7	7	7	7	7	7
		8	8	8	8	8	8	8	8



LOC	DESCRIPTION	DEFAULT						DATA	
35	ZONES 41 – 48 CONFIGURATION GROUP	6-6-6-6-6-6-6							
36	ZONES 41 – 48 PARTITION SELECT								
	Segment	1	2	3	4	5	6	7	8
	Zone	41	42	43	44	45	46	47	48
		1	1	1	1	1	1	1	1
		2	2	2	2	2	2	2	2
		3	3	3	3	3	3	3	3
		4	4	4	4	4	4	4	4
		5	5	5	5	5	5	5	5
		6	6	6	6	6	6	6	6
		7	7	7	7	7	7	7	7
		8	8	8	8	8	8	8	8

NOTE: THE FOLLOWING LOCATIONS ARE ONLY AVAILABLE ON THE NX8-E PANEL									
170	ZONES 49 – 56 CONFIGURATION GROUP	6-6-6-6-6-6-6							
171	ZONES 49 – 56 PARTITION SELECT								
	Segment	1	2	3	4	5	6	7	8
	Zone	49	50	51	52	53	54	55	56
		1	1	1	1	1	1	1	1
		2	2	2	2	2	2	2	2
		3	3	3	3	3	3	3	3
		4	4	4	4	4	4	4	4
		5	5	5	5	5	5	5	5
		6	6	6	6	6	6	6	6
		7	7	7	7	7	7	7	7
		8	8	8	8	8	8	8	8
172	ZONES 57 – 64 CONFIGURATION GROUP	6-6-6-6-6-6-6							
173	ZONES 57 – 64 PARTITION SELECT								
	Segment	1	2	3	4	5	6	7	8
	Zone	57	58	59	60	61	62	63	64
		1	1	1	1	1	1	1	1
		2	2	2	2	2	2	2	2
		3	3	3	3	3	3	3	3
		4	4	4	4	4	4	4	4
		5	5	5	5	5	5	5	5
		6	6	6	6	6	6	6	6
		7	7	7	7	7	7	7	7
		8	8	8	8	8	8	8	8
174	ZONES 65 – 72 CONFIGURATION GROUP	6-6-6-6-6-6-6							
175	ZONES 65 – 72 PARTITION SELECT								
	Segment	1	2	3	4	5	6	7	8
	Zone	65	66	67	68	69	70	71	72
		1	1	1	1	1	1	1	1
		2	2	2	2	2	2	2	2
		3	3	3	3	3	3	3	3
		4	4	4	4	4	4	4	4
		5	5	5	5	5	5	5	5
		6	6	6	6	6	6	6	6
		7	7	7	7	7	7	7	7
		8	8	8	8	8	8	8	8



LOC	DESCRIPTION	DEFAULT	DATA						
176	ZONES 73 – 80 CONFIGURATION GROUP	6-6-6-6-6-6-6-6							
177	ZONES 73 – 80 PARTITION SELECT								
	Segment	1	2	3	4	5	6	7	8
	Zone	73	74	75	76	77	78	79	80
		1	1	1	1	1	1	1	1
		2	2	2	2	2	2	2	2
		3	3	3	3	3	3	3	3
		4	4	4	4	4	4	4	4
		5	5	5	5	5	5	5	5
		6	6	6	6	6	6	6	6
		7	7	7	7	7	7	7	7
		8	8	8	8	8	8	8	8
178	ZONES 81 – 88 CONFIGURATION GROUP	6-6-6-6-6-6-6-6							
179	ZONES 81 – 88 PARTITION SELECT								
	Segment	1	2	3	4	5	6	7	8
	Zone	81	82	83	84	85	86	87	88
		1	1	1	1	1	1	1	1
		2	2	2	2	2	2	2	2
		3	3	3	3	3	3	3	3
		4	4	4	4	4	4	4	4
		5	5	5	5	5	5	5	5
		6	6	6	6	6	6	6	6
		7	7	7	7	7	7	7	7
		8	8	8	8	8	8	8	8
180	ZONES 89 – 96 CONFIGURATION GROUP	6-6-6-6-6-6-6-6							
181	ZONES 89 – 96 PARTITION SELECT								
	Segment	1	2	3	4	5	6	7	8
	Zone	89	90	91	92	93	94	95	96
		1	1	1	1	1	1	1	1
		2	2	2	2	2	2	2	2
		3	3	3	3	3	3	3	3
		4	4	4	4	4	4	4	4
		5	5	5	5	5	5	5	5
		6	6	6	6	6	6	6	6
		7	7	7	7	7	7	7	7
		8	8	8	8	8	8	8	8
182	ZONES 97 – 104 CONFIGURATION GROUP	6-6-6-6-6-6-6-6							
183	ZONES 97 – 104 PARTITION SELECT								
	Segment	1	2	3	4	5	6	7	8
	Zone	97	98	99	100	101	102	103	104
		1	1	1	1	1	1	1	1
		2	2	2	2	2	2	2	2
		3	3	3	3	3	3	3	3
		4	4	4	4	4	4	4	4
		5	5	5	5	5	5	5	5
		6	6	6	6	6	6	6	6
		7	7	7	7	7	7	7	7
		8	8	8	8	8	8	8	8



LOC	DESCRIPTION	DEFAULT						DATA	
184	ZONES 105 – 112 CONFIGURATION GROUP	6-6-6-6-6-6-6							
185	ZONES 105 – 112 PARTITION SELECT								
	Segment	1	2	3	4	5	6	7	8
	Zone	105	106	107	108	109	110	111	112
		1	1	1	1	1	1	1	1
		2	2	2	2	2	2	2	2
		3	3	3	3	3	3	3	3
		4	4	4	4	4	4	4	4
		5	5	5	5	5	5	5	5
		6	6	6	6	6	6	6	6
		7	7	7	7	7	7	7	7
		8	8	8	8	8	8	8	8
186	ZONES 113 – 120 CONFIGURATION GROUP	6-6-6-6-6-6-6							
187	ZONES 113 – 120 PARTITION SELECT								
	Segment	1	2	3	4	5	6	7	8
	Zone	113	114	115	116	117	118	119	120
		1	1	1	1	1	1	1	1
		2	2	2	2	2	2	2	2
		3	3	3	3	3	3	3	3
		4	4	4	4	4	4	4	4
		5	5	5	5	5	5	5	5
		6	6	6	6	6	6	6	6
		7	7	7	7	7	7	7	7
		8	8	8	8	8	8	8	8
188	ZONES 121 – 128 CONFIGURATION GROUP	6-6-6-6-6-6-6							
189	ZONES 121 – 128 PARTITION SELECT								
	Segment	1	2	3	4	5	6	7	8
	Zone	121	122	123	124	125	126	127	128
		1	1	1	1	1	1	1	1
		2	2	2	2	2	2	2	2
		3	3	3	3	3	3	3	3
		4	4	4	4	4	4	4	4
		5	5	5	5	5	5	5	5
		6	6	6	6	6	6	6	6
		7	7	7	7	7	7	7	7
		8	8	8	8	8	8	8	8
190	ZONES 129 – 136 CONFIGURATION GROUP	6-6-6-6-6-6-6							
191	ZONES 129 – 136 PARTITION SELECT								
	Segment	1	2	3	4	5	6	7	8
	Zone	129	130	131	132	133	134	135	136
		1	1	1	1	1	1	1	1
		2	2	2	2	2	2	2	2
		3	3	3	3	3	3	3	3
		4	4	4	4	4	4	4	4
		5	5	5	5	5	5	5	5
		6	6	6	6	6	6	6	6
		7	7	7	7	7	7	7	7
		8	8	8	8	8	8	8	8



LOC	DESCRIPTION	DEFAULT	DATA						
192	ZONES 137 – 144 CONFIGURATION GROUP	6-6-6-6-6-6-6-6							
193	ZONES 137 – 144 PARTITION SELECT								
	Segment	1	2	3	4	5	6	7	8
	Zone	137	138	139	140	141	142	143	144
		1	1	1	1	1	1	1	1
		2	2	2	2	2	2	2	2
		3	3	3	3	3	3	3	3
		4	4	4	4	4	4	4	4
		5	5	5	5	5	5	5	5
		6	6	6	6	6	6	6	6
		7	7	7	7	7	7	7	7
		8	8	8	8	8	8	8	8
194	ZONES 145 – 152 CONFIGURATION GROUP	6-6-6-6-6-6-6-6							
195	ZONES 145 – 152 PARTITION SELECT								
	Segment	1	2	3	4	5	6	7	8
	Zone	145	146	147	148	149	150	151	152
		1	1	1	1	1	1	1	1
		2	2	2	2	2	2	2	2
		3	3	3	3	3	3	3	3
		4	4	4	4	4	4	4	4
		5	5	5	5	5	5	5	5
		6	6	6	6	6	6	6	6
		7	7	7	7	7	7	7	7
		8	8	8	8	8	8	8	8
196	ZONES 153 – 160 CONFIGURATION GROUP	6-6-6-6-6-6-6-6							
197	ZONES 153 – 160 PARTITION SELECT								
	Segment	1	2	3	4	5	6	7	8
	Zone	153	154	155	156	157	158	159	160
		1	1	1	1	1	1	1	1
		2	2	2	2	2	2	2	2
		3	3	3	3	3	3	3	3
		4	4	4	4	4	4	4	4
		5	5	5	5	5	5	5	5
		6	6	6	6	6	6	6	6
		7	7	7	7	7	7	7	7
		8	8	8	8	8	8	8	8
198	ZONES 161 – 168 CONFIGURATION GROUP	6-6-6-6-6-6-6-6							
199	ZONES 161 – 168 PARTITION SELECT								
	Segment	1	2	3	4	5	6	7	8
	Zone	161	162	163	164	165	166	167	168
		1	1	1	1	1	1	1	1
		2	2	2	2	2	2	2	2
		3	3	3	3	3	3	3	3
		4	4	4	4	4	4	4	4
		5	5	5	5	5	5	5	5
		6	6	6	6	6	6	6	6
		7	7	7	7	7	7	7	7
		8	8	8	8	8	8	8	8



LOC	DESCRIPTION	DEFAULT						DATA	
200	ZONES 169 – 176 CONFIGURATION GROUP	6-6-6-6-6-6-6							
201	ZONES 169 – 176 PARTITION SELECT								
	Segment	1	2	3	4	5	6	7	8
	Zone	169	170	171	172	173	174	175	176
		1	1	1	1	1	1	1	1
		2	2	2	2	2	2	2	2
		3	3	3	3	3	3	3	3
		4	4	4	4	4	4	4	4
		5	5	5	5	5	5	5	5
		6	6	6	6	6	6	6	6
		7	7	7	7	7	7	7	7
		8	8	8	8	8	8	8	8
202	ZONES 177 – 184 CONFIGURATION GROUP	6-6-6-6-6-6-6							
203	ZONES 177 – 184 PARTITION SELECT								
	Segment	1	2	3	4	5	6	7	8
	Zone	177	178	179	180	181	182	183	184
		1	1	1	1	1	1	1	1
		2	2	2	2	2	2	2	2
		3	3	3	3	3	3	3	3
		4	4	4	4	4	4	4	4
		5	5	5	5	5	5	5	5
		6	6	6	6	6	6	6	6
		7	7	7	7	7	7	7	7
		8	8	8	8	8	8	8	8
204	ZONES 185 – 192 CONFIGURATION GROUP	6-6-6-6-6-6-6							
205	ZONES 185 – 192 PARTITION SELECT								
	Segment	1	2	3	4	5	6	7	8
	Zone	185	186	187	188	189	190	191	192
		1	1	1	1	1	1	1	1
		2	2	2	2	2	2	2	2
		3	3	3	3	3	3	3	3
		4	4	4	4	4	4	4	4
		5	5	5	5	5	5	5	5
		6	6	6	6	6	6	6	6
		7	7	7	7	7	7	7	7
		8	8	8	8	8	8	8	8

NOTES



SPECIFICATIONS

OPERATING POWER	12VDC Supplied from NX8/NX8-E or NX-320
AUXILIARY POWER	Supplied from NX8/NX8-E or NX-320 Current limited to 100mA
CURRENT DRAW	30mA
LOOP RESISTANCE	300 Ohms Maximum
LOOP RESPONSE	Selectable 50mS or 500mS
OPERATING TEMPERATURE	32 to 120 degrees F
DIMENSIONS	6.0" Wide 2.125" High 1.0" Deep
SHIPPING WEIGHT	2 lbs.



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