XP-600 Programming Instructions

Note: These Programming Instruction are intended to be used in conjunction with WI847C, please refer to WI847C for additional information, instructions and definitions.

NOTE:
After 15 minutes of keypad inactivity the keypad will emit a steady tone indicating the panel has been left in Dealer Program Mode. Enter Dealer Code to exit or press the `#` key to return to Dealer Program mode.

DEFAULTING THE PANEL
1. Remove power from the panel.
2. Remove all wiring from terminal 15 (PGM) and terminal 3.
3. Connect terminal 15 (PGM) to terminal 3.
4. Apply power to the XP-600 control panel.
5. After a few seconds the ARMED, READY and ✓ SYSTEM TROUBLE LEDs will flash.
6. The keypad will beep 3 times indicating the panel default values have been loaded.
7. Remove wiring between terminal 15 (PGM) and terminal 3.
8. Re-install original wiring for terminal 15 (PGM) and terminal 3.

Note: Any programming in *Dealer Options 1* [96] and *Dealer Options 2* [97] will not be defaulted. If *Dealer Code Lockout* has been programmed the panel will <u>not</u> default the Dealer Code. The Event Log will be erased when the panel is defaulted.
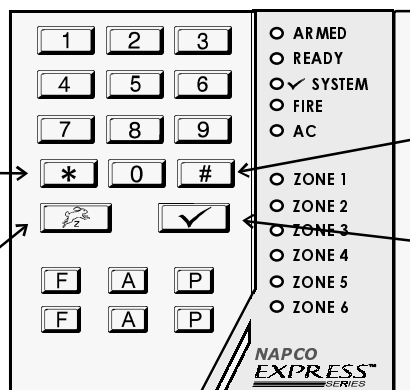
DEALER PROGRAM MODE - KEYPAD KEY DEFINITION

Hexadecimal Data Entry
To Enter a hexadecimal digit enter the following:

A= `*` `1`   D= `*` `4`
B= `*` `2`   E= `*` `5`
C= `*` `3`   F= `*` `6`

Scroll Key
Use this key to scroll through data that has been entered in Programming

Set Key
Press this key before entering a Programming Block Number.

Blank Key
Press this key to disable all features within a LED type Programming Block or to blank out digits in a Direct Entry type Programming Block.

○ ARMED
○ READY
○ ✓ SYSTEM
○ FIRE
○ AC

○ ZONE 1
○ ZONE 2
○ ZONE 3
○ ZONE 4
○ ZONE 5
○ ZONE 6

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Entering Dealer Program Mode

NOTE:
Entering Dealer Program Mode is <u>not</u> permitted while the panel is Armed, Reporting, or the Bell Output is on. To Enter Dealer Mode while the Bell is ON or the panel is Reporting or Armed; power up the panel and enter Dealer Mode within the first 3 minutes. Pressing the `#` key clears the 3 minute timer.

Enter `*` `8` +

Dealer Code

(4) (5) (6) (7)

Default Dealer Code shown in parentheses

● ARMED	ON	Indicates the panel is in Dealer Program Mode. The panel is ready for a programming block number to be entered.
○ READY	OFF	
○ ✓ SYSTEM	FLASHING	

Exiting Dealer Program Mode

Enter `#` `*` `8`

Dealer Code

(4) (5) (6) (7)

○ ARMED	FLASHING	Indicates the panel is Ready to exit Dealer Program Mode. Enter the Dealer Code to exit.
○ READY	FLASHING	
○ ✓ SYSTEM	FLASHING	

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Types of Programming Blocks

LED Programming Block

Enable features by pressing the key that corresponds to the associated feature; the LED will turn ON. To disable a feature press the key again; the LED will turn OFF. To disable all features within a LED Type Programming Block press the [✓] key; all LEDs will turn OFF.

① LED Programming Block Example
Program zones 2 and 3 as *Follower Zones.*

1. Enter Programming Block 02, by pressing [#] (Beep), then [0][2] (Beep).
2. Press the [2] key to select zone 2.
3. Press the [3] key to select zone 3.

02	Exit/Entry Follower
	Default
OFF		Zone 1
OFF	✗	Zone 2
OFF	✗	Zone 3
OFF		Zone 4
OFF		Zone 5
OFF		Zone 6

LED Type Programming Block

Zone 2 and Zone 3 LEDs are ON indicating that zones 2 and 3 have been programmed as follower zones.

○ ZONE 1
● ZONE 2
◕ ZONE 3
○ ZONE 4
○ ZONE 5
○ ZONE 6

Direct Entry Programming Block

Enter data directly. For hexadecimal entries of A-F, use the [*] key + [1] through [6] keys, respectively. Use the [✓] key to blank out digits in Direct Entry type programming blocks. Default values are shown in parentheses.

① Direct Entry Programming Example 1
Program the panel for a 60 second *Exit Delay.*

1. Press [#] (Beep) [1][0] (Beep)
2. Press [0][6][0].

10	Exit Delay
0 6 0	Exit Delay, seconds
(0) (4) (5)	Maximum Entry 255

Direct Entry Type Programming Blocks

44	Dialing Prefix	9	E		

② Direct Entry Programming Example 2
(Hexadecimal data entry)
Program *Telephone Prefix Number* with a 9E.

1. Press [#] (Beep) [4][4] (Beep).
2. Press [9]
3. Press [*]
4. Press [5]

○	ARMED	OFF
◐	READY	FLASHING
◐	✓ SYSTEM	FLASHING

Indicates the panel is in Dealer Program Mode and the next digit entered will be interpreted as a Hexadecimal digit. Valid entries are 1-6 (A-F).

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Viewing Data in Programming Blocks

To view data within a programming Block, enter the Program Block Number, then press the [✍] key, continue pressing the [✍] key until all digits within the Programming Block have been viewed. Data will be displayed in the binary format shown in the table below:

	0/Blank		1	2	3	4	5	6	7	8	9	*A/0	B	C	D	E	F
ZONE 1	○	○	●	○	●	○	●	●	●	○	●	○	○	●	○	●	○	●
ZONE 2	○	○	○	●	●	○	○	●	●	○	○	●	●	●	○	○	●	●
ZONE 3	○	○	○	○	○	●	●	○	●	○	○	○	○	●	●	●	●	●
ZONE 4	○	○	○	○	○	○	○	○	○	●	●	●	●	●	●	●	●	●

● ZONE LED ON   ○ ZONE LED OFF

* NOTE:
In the following Programming Blocks, data that has been entered as a '0' will be displayed as an 'A': *Subscriber ID Numbers, Phone Numbers, Pager Leading and Trailing digits and Report Codes.*

For Technical Assistance, Contact the Napco Toll Free Helpline ☎ (800) 645-9440

Example: Viewing the Dialing Prefix
A Dialing Prefix of 9E has been programmed at Programming Block Number 44 (outside access number). Follow the steps below to view the data.:

① Press [#][4][4] to enter Programming Block 44. The 1st digit of Programming Block 44 is displayed.

② Press the [#] key to view the 2nd digit.

44	Dialing Prefix	9	E		

Data = 9
● ZONE 1
○ ZONE 2
○ ZONE 3
● ZONE 4

Data = E
○ ZONE 1
● ZONE 2
● ZONE 3
● ZONE 4

NOTE:
The Following Programming Options are not permitted for UL installations: [05], [06], [23-2], [26-3] and [26-4].

The ⊘ symbol by a programming Block indicates the programming option is not permitted for UL installations.

NOTE:
For information about programming blocks refer to XP-600 Installation Manual WI846C.

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Zone Features

00 **Exit/Entry Zones**

Default
ON		Zone 1
OFF		Zone 2
OFF		Zone 3
OFF		Zone 4
OFF		Zone 5
OFF		Zone 6

03 **Auto Bypass Reentry Zones**

Default
OFF		Zone 1
OFF		Zone 2
OFF		Zone 3
OFF		Zone 4
OFF		Zone 5
OFF		Zone 6

06 **Open Circuit Zones**

Default
OFF		Zone 1
OFF		Zone 2
OFF		Zone 3
OFF		Zone 4
OFF		Zone 5
OFF		Zone 6

See wiring diagram for Open Circuit wiring.

09 **Selective Bypass**

Default
ON		Zone 1
ON		Zone 2
ON		Zone 3
ON		Zone 4
ON		Zone 5
ON		Zone 6

01 **Home/Away with Delay Zones**

Default
OFF		Zone 1
OFF		Zone 2
OFF		Zone 3
OFF		Zone 4
OFF		Zone 5
OFF		Zone 6

04 **24 Hour Protection Zones**

Default
OFF		Zone 1
OFF		Zone 2
OFF		Zone 3
OFF		Zone 4
OFF		Zone 5
OFF		Zone 6

07 **Burg (Steady) Output**

Default
ON		Zone 1
ON		Zone 2
ON		Zone 3
ON		Zone 4
ON		Zone 5
ON		Zone 6

02 **Exit/Entry Follower Zones**

Default
OFF		Zone 1
OFF		Zone 2
OFF		Zone 3
OFF		Zone 4
OFF		Zone 5
OFF		Zone 6

05 **40 ms Loop Response Zones**

Default
OFF		Zone 1
OFF		Zone 2
OFF		Zone 3
OFF		Zone 4
OFF		Zone 5
OFF		Zone 6

08 **Programmable Output (PGM)**

Default
ON		Zone 1
ON		Zone 2
ON		Zone 3
ON		Zone 4
ON		Zone 5
ON		Zone 6

4

System Times

10 Exit Delay

(0)	(4)	(5)	Exit Delay, seconds

Maximum Entry 255

11 Entry Delay

(0)	(3)	(0)	Entry Delay, seconds

Maximum Entry 255

12 Burg (Steady) Output Time-out

(0)	(0)	(5)	Bell Time-out, minutes

Maximum Entry 255

13 Fire (Pulsed) Output Time-out

(0)	(0)	(0)	Bell Time-out, minutes

Maximum Entry 255

14 Test Timer Interval

(0)	(0)	(1)	Test Timer, days

Maximum Entry 255

15 Line Cut Time-to-Fail (Disabled = 000)

(0)	(0)	(0)	Line Cut Time-to-Fail, seconds

Enable Feature-Valid Entries 10-255

16 Wireless Supervisory Timer

(1)	(2)	Supervisory Timer, hours

Maximum Entry 26

17 Wireless Smoke Supervisory Timer

(8)	Smoke Supervisory Timer, hours

Maximum Entry 8

18 Test Timer Offset

(1)	(2)	Test Timer Offset, hours

Maximum Entry 23

System Features

20 Keypad Features 1

Default

OFF	Zn 1 LED ON = *Keypad Fire (F F)
OFF	Zn 2 LED ON = *Keypad AUX (A A)
ON	Zn 3 LED ON = *Keypad Panic (P P)
OFF	Zn 4 LED ON = *Ambush (6th User Code)

*See Note 1

21 Keypad Features 2

Default

ON	Zn 1 LED ON = Audible panic
OFF	Zn 2 LED ON = Exit/Entry with Urgency
ON	Zn 3 LED ON = Display Bypass (ARMED)
OFF	Zn 4 LED ON = Disable Code Entry Beeps

22 Miscellaneous Features 1

Default

OFF	Zn 1 LED ON = Abort Delay
ON	Zn 2 LED ON = Easy Arm/Easy Exit
ON	Zn 3 LED ON = Swinger Shutdown
OFF	Zn 4 LED ON = Bell on Line Cut (Armed)

NOTE 1:
Additional programming required for reporting, see Blocks [36]&[56].
UL Installations: If Keypad Fire [20-1] is enabled, the keypad must be mounted within (3) three feet from the Control Panel.

23 Programmable Output (PGM) Features 1

Default

OFF	Zn 1 LED ON = Audio Verification
(N) OFF	Zn 2 LED ON = *Access Output (* 3)
OFF	Zn 3 LED ON = *Follow Keypad Sounder
OFF	Zn 4 LED ON = *Keyfob/Keyswitch Chirp

*See Note 2

24 Programmable Output (PGM) Features 2

Default

OFF	Zn 1 LED ON = Fire
OFF	Zn 2 LED ON = AUX
OFF	Zn 3 LED ON = Panic
OFF	Zn 4 LED ON = Test Timer

25 Programmable Output (PGM) Features 3

Default

OFF	Zn 1 LED ON = AC Fail
OFF	Zn 2 LED ON = Low Battery
OFF	Zn 3 LED ON = *Trouble
OFF	Zn 4 LED ON = Armed

*See Note 3

26 Miscellaneous Features 2

Default

OFF	Zn 1 LED ON = Momentary Keyswitch Arming
OFF	Zn 2 LED ON = Reserved
(N) OFF	Zn 3 LED ON = Inhibit Fail to Communicate
(N) OFF	Zn 4 LED ON = Inhibit Low Battery Display

NOTE 2:
Cannot be programmed with any other Programmable Output (PGM) Feature.

NOTE 3:
Includes Bell Cut, Fire Trouble, Receiver Fail-to-Respond, Receiver Tamper, Receiver JAM, Transmitter Low Battery, Transmitter Supervisory Faliure, Wireless Smoke Low Battery and Wireless Smoke Supervisory Failure.

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Telephone Number 1 Programming

30 **Subscriber ID Number**

31 **Telephone Number 1**

NOTE:
A fixed Dial Tone Detection (E) is included prior to the *Dialing Prefix* (Block Number 44). Programming an E is not required for Telco 1, Telco 2 and Telco 3. If dial tone detection is not desired select *No Dial Tone Detection* in Communicator Features (Block Number 46). Program a D if a 4 second delay is required.

32 **Receiver Format**

```
[0]     Disabled
[1]     Ademco Slow
[2]     Radionics Slow                     (4)
[3]     Silent Knight Fast
[4]     Universal High Speed
[5]     Reserved
[6]     Point ID
[7]     Pager
```

33 **Receiver Options**

Default
- **ON** |____| Zn 1 LED ON = 2300 Hz Handshake/Kissoff
- OFF |____| Zn 2 LED ON = Sumcheck
- OFF |____| Zn 3 LED ON = Single Digit
- OFF |____| Zn 4 LED ON = No Handshake

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34 **Zone Report, Telco 1**

Default
- **ON** |____| Zone 1
- **ON** |____| Zone 2
- **ON** |____| Zone 3
- **ON** |____| Zone 4
- **ON** |____| Zone 5
- **ON** |____| Zone 6

35 **Zone Restore Report, Telco 1**

Default
- OFF |____| Zone 1
- OFF |____| Zone 2
- OFF |____| Zone 3
- OFF |____| Zone 4
- OFF |____| Zone 5
- OFF |____| Zone 6

36 **System Reporting, Telco 1**

Default
- OFF |____| Zn 1 LED ON = *KP Fire (F F)
- OFF |____| Zn 2 LED ON = *KP AUX (A A)/Ambush
- **ON** |____| Zn 3 LED ON = *KP Panic (P P)
- OFF |____| Zn 4 LED ON = Test Timer
- *See Note 1

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37 **System Reporting, Telco 1**

Default
- OFF |____| Zn 1 LED ON = AC Fail Report (15 min. report delay)
- **ON** |____| Zn 2 LED ON = Low Battery Report
- OFF |____| Zn 3 LED ON = *Trouble Report
- **ON** |____| Zn 4 LED ON = Fire Report
- *See Note 2

38 **System Restore Report, Telco 1**

Default
- OFF |____| Zn 1 LED ON = AC Restore Report
- OFF |____| Zn 2 LED ON = Battery Restore Report
- OFF |____| Zn 3 LED ON = Trbl Restore Report
- OFF |____| Zn 4 LED ON = Fire Restore Report

39 **Opening Closing Report, Telco 1**

Default
- OFF |____| Zn 1 LED ON = User 1 Reporting
- OFF |____| Zn 2 LED ON = User 2 Reporting
- OFF |____| Zn 3 LED ON = User 3 Reporting
- OFF |____| Zn 4 LED ON = User 4 Reporting
- OFF |____| Zn 5 LED ON = User 5 Reporting
- OFF |____| Zn 6 LED ON = User 6 Reporting

NOTE 1:
Requires features to be enabled, see block [20].

NOTE 2:
Includes Bell Cut, Fire Trouble, Receiver Fail-to-Respond, Receiver Tamper, Receiver JAM, Transmitter Low Battery, Transmitter Supervisory Faliure, Wireless Smoke Low Battery, Wireless Smoke Supervisory Failure.

ZONE 3 TX LOW BATTERY   "RF TRAN LOW BAT, ZN03"
SMOKE 2 LOW BATTERY   "RF TRAN LOW BAT, ZN10"

6

Backup Telephone Programming

40 **Subscriber ID Number (Telco 2)**

41 **Telephone Number 2**

> **NOTE:**
> A fixed Dial Tone Detection (E) is included prior to the *Dialing Prefix* (Block Number 44). Programming an E is not required for Telco 1, Telco 2 and Telco 3. If dial tone detection is not desired select *No Dial Tone Detection* in Communicator Features (Block Number 46). Program a D if a 4 second delay is required.

42 **Receiver Format**

[1]   Ademco Slow
[2]   Radionics Slow
[3]   Silent Knight Fast
[4]   Universal High Speed
[5]   Reserved
[6]   Point ID
[7]   Pager

→ | |
(4)

43 **Receiver Options**

Default
ON ___|___ Zn 1 LED ON = 2300 Hz Handshake/Kissoff
OFF ___|___ Zn 2 LED ON = Sumcheck
OFF ___|___ Zn 3 LED ON = Single Digit
OFF ___|___ Zn 4 LED ON = No Handshake

44 **Dialing Prefix**

Dialing Prefix for Telco 1, Telco 2 & Telco 3.

45 **Communicator Features 1**

Default
ON ___|___ Zn 1 LED ON = Communicator Enabled
ON ___|___ Zn 2 LED ON = DTMF w/ Rotary Back up
OFF ___|___ Zn 3 LED ON = DTMF only
OFF ___|___ Zn 4 LED ON = Backup to Telco 2

46 **Communicator Features 2**

Default
OFF ___|___ Zn 1 LED ON = No Dial Tone Detection
OFF ___|___ Zn 2 LED ON = 2:1 Rotary Dialing
OFF ___|___ Zn 3 LED ON = Backup if < 4 attempts
OFF ___|___ Zn 4 LED ON = Reserved

Pager Programming

47 **Leading Digits**

(0)   (0)   (0)   (0)

48 **Trailing Digits**

*(C)   *See Note 1

49 **Pager Option**

Default
OFF ___|___ Zn 1 LED ON = Skip Alarm Data
OFF ___|___ Zn 2 LED ON = Reserved
OFF ___|___ Zn 3 LED ON = Reserved
OFF ___|___ Zn 4 LED ON = Reserved

> **NOTE 1:**
> C = TouchTone #. This is the typical terminating digit for most paging systems. Recommended, but may not be required by paging system. D = 2 second delay.

7

Telephone Number 3 Programming

50 **Subscriber ID Number**

31 **Telephone Number 3**

> **NOTE:**
> A fixed Dial Tone Detection (E) is included prior to the *Dialing Prefix* (Block Number 44). Programming an E is not required for Telco 1, Telco 2 and Telco 3. If dial tone detection is not desired select *No Dial Tone Detection* in Communicator Features (Block Number 46). Program a D if a 4 second delay is required.

52 **Receiver Format**

```
[0]    Disabled
[1]    Ademco Slow
[2]    Radionics Slow               (4)
[3]    Silent Knight Fast
[4]    Universal High Speed
[5]    Reserved
[6]    Point ID
[7]    Pager
```

53 **Receiver Options**

Default

ON		Zn 1 LED ON = 2300 Hz Handshake/Kissoff
OFF		Zn 2 LED ON = Sumcheck
OFF		Zn 3 LED ON = Single Digit
OFF		Zn 4 LED ON = No Handshake

54 **Zone Report, Telco 3**

Default

OFF		Zone 1
OFF		Zone 2
OFF		Zone 3
OFF		Zone 4
OFF		Zone 5
OFF		Zone 6

55 **Zone Restore Report, Telco 3**

Default

OFF		Zone 1
OFF		Zone 2
OFF		Zone 3
OFF		Zone 4
OFF		Zone 5
OFF		Zone 6

56 **System Reporting, Telco 3**

Default

OFF		Zn 1 LED ON = *KP Fire (F F)
OFF		Zn 2 LED ON = *KP AUX (A A)/Ambush
ON		Zn 3 LED ON = *KP Panic (P P)
OFF		Zn 4 LED ON = Test Timer

*See Note 1

57 **System Reporting, Telco 3**

Default

OFF		Zn 1 LED ON = AC Fail Report (15 min. report delay)
OFF		Zn 2 LED ON = Low Battery Report
OFF		Zn 3 LED ON = *Trouble Report
OFF		Zn 4 LED ON = Fire Report

*See Note 2

58 **System Restore Report, Telco 3**

Default

OFF		Zn 1 LED ON = AC Restore Report
OFF		Zn 2 LED ON = Battery Restore Report
OFF		Zn 3 LED ON = Trbl Restore Report
OFF		Zn 4 LED ON = Fire Restore Report

59 **Opening Closing Report, Telco 3**

Default

OFF		Zn 1 LED ON = User 1 Reporting
OFF		Zn 2 LED ON = User 2 Reporting
OFF		Zn 3 LED ON = User 3 Reporting
OFF		Zn 4 LED ON = User 4 Reporting
OFF		Zn 5 LED ON = User 5 Reporting
OFF		Zn 6 LED ON = User 6 Reporting

> **NOTE 1:**
> Requires features to be enabled, see block [20].

> **NOTE 2:**
> Includes Bell Cut, Fire Trouble, Receiver Fail-to-Respond, Receiver Tamper, Receiver JAM, Transmitter Low Battery, Transmitter Supervisory Faliure, Wireless Smoke Low Battery, Wireless Smoke Supervisory Failure.
>
> ZONE 3 TX LOW BATTERY   "RF TRAN LOW BAT, ZN03"
> SMOKE 2 LOW BATTERY   "RF TRAN LOW BAT, ZN10"

8

Report Codes

60 Zone Report Codes

	Zone 1 Alarm Code
(3)	
	Zone 2 Alarm Code
(3)	
	Zone 3 Alarm Code
(3)	
	Zone 4 Alarm Code
(3)	
	Zone 5 Alarm Code
(3)	
	Zone 6 Alarm Code
(3)	

NOTE:
The second digit of the *Report Code* is the number of the zone that is reporting. For example zone 5 report code (default of 3) would be 35.

61 Point ID Report Codes

	Zone 1 Alarm Code
(3)	
	Zone 2 Alarm Code
(3)	
	Zone 3 Alarm Code
(3)	
	Zone 4 Alarm Code
(3)	
	Zone 5 Alarm Code
(3)	
	Zone 6 Alarm Code
(3)	

1	FIRE
2	PANIC
3	BURGLARY
4	HOLDUP
5	GENERAL ALARM
6	RESERVED
7	GAS ALARM
8	HEAT ALARM
9	RESERVED
A	AUXILIARY
B	24 HOUR ALARM

62 Zone Codes

	Zone 1, 2, 3, 4, 5 & 6 Restore Code
(E)	
	Zone 1, 2, 3, 4, 5 & 6 Trouble Code
(F)	

63 System Report Codes

		Keypad Fire (F F)
(1)	(1)	
		Keypad AUX (A A)
(2)	(3)	
		Keypad Panic (P P)
(2)	(1)	
		Test Timer
(F)	(F)	
		AC Fail
(F)	(9)	
		Low Battery
(F)	(8)	
		*Trouble
(F)	(1)	
		Fire
(1)	(1)	

*See Note 1

64 System Restore Code

(E)

NOTE 1:
Includes Bell Cut, Fire Trouble, Receiver Fail-to-Respond, Receiver Tamper, Receiver JAM, Transmitter Low Battery, Transmitter Supervisory Faliure, Wireless Smoke Low Battery and Wireless Smoke Supervisory Failure.

65 Opening and Closing Code

	Closing Code
(C)	
	Opening Code
(B)	

66 Ambush Report Code

(2)	(2)

Enhanced Communicator Features

67 Telephone Number 1

Default

OFF		Zn 1 LED ON = Opening after Alarm (Cancel Code)
OFF		Zn 2 LED ON = Conditional Closing
OFF		Zn 3 LED ON = Reserved
OFF		Zn 4 LED ON = Reserved

68 Telephone Number 3

Default

OFF		Zn 1 LED ON = Opening after Alarm (Cancel Code)
OFF		Zn 2 LED ON = Conditional Closing
OFF		Zn 3 LED ON = Reserved
OFF		Zn 4 LED ON = Reserved

9

Wireless

Transmitters

		RF ID #	Point
71	Zone 1	| | | | | | :	
72	Zone 2	| | | | | | :	
73	Zone 3	| | | | | | :	
74	Zone 4	| | | | | | :	
75	Zone 5	| | | | | | :	
76	Zone 6	| | | | | | :	

Enter the RF ID# located on the Transmitter, Key Fob and Smoke Detector labels.

RF ID # XXXXXX:X

Enter the point number to be associated with the zone. If only one point of GEM-TRANS2 is used, enter a **1** in this location. For GEM-GB, GEM-DT, GEM-PIR enter a **1** in this location.

Programming Example

Map point 1 of a window door transmitter, with RF ID# 0012B0:0 to Zone 3.

| 73 | Zone 3 | 0 | 0 | 1 | 2 | B | 0 | :0 | | 1 |

1. Enter Dealer Mode.
2. Enter `#` (beeps) `7` `3` (beeps)
3. Enter `0` `0` `1` `2` `*` `2` `0` `0`
4. Enter `1` (beeps)

Hexadecimal B Entry

Note: If the RF ID# in step 3 is not entered correctly the keypad will emit a 1 second tone indicating incorrect entry. Repeat steps 2 - 4 above.

Keyfobs

		RF ID #	AUX 1 AUX 2
81	Keyfob 1	| | | | | | :	| |
82	Keyfob 2	| | | | | | :	| |
83	Keyfob 3	| | | | | | :	| |
84	Keyfob 4	| | | | | | :	| |

AUX 1 & 2 Programming

1 Panic
2 AUX
3 Bell ON
4 PGM
5 Instant
6 Access on PGM
7 Full Set System
8 Interior

Smoke Detectors

		RF ID #
85	Smoke 1	| | | | | | :
86	Smoke 2	| | | | | | :
87	Smoke 3	| | | | | | :
88	Smoke 4	| | | | | | :

Hexadecimal Data Entry

To Enter a hexadecimal digit enter the following: A= `*` `1`   B= `*` `2`   C= `*` `3`   D= `*` `4`   E= `*` `5`   F= `*` `6`

10

Downloading

90 **Callback Telephone Number**

91 **Ring Count**

(0)   (9)   Maximum Entry 15

92 **Downloading Features**

Default

| ON | | | Zn 1 LED ON = Ring Method |

| OFF | | | Zn 2 LED ON = Answering Machine override |

| OFF | | | Zn 3 LED ON = Command 6(⟨ * ⟩⟨ 6 ⟩) Download |

| OFF | | | Zn 4 LED ON = Signal Strength Test Mode |

93 **Auto Download ID Number**

Dealer Programming

94 **Dealer Code**

(4)   (5)   (6)   (7)

95 **User 1 Code**

(1)   (2)   (3)   (4)

96 **Dealer Options 1**

Default

| OFF | | | Zn 1 LED ON = Dealer Code Lockout |

| ON | | | Zn 2 LED ON = User 1 Code Lockout |

| OFF | | | Zn 3 LED ON = UL Household Fire |

| OFF | | | Zn 4 LED ON = Fire Trouble on Fire LED |

97 **Dealer Options 2**

Default

| OFF | | | Zn 1 LED ON = *International Dialing Protocol |

| OFF | | | Zn 2 LED ON = *Invert Bell Output |

| OFF | | | Zn 3 LED ON = System Trouble Auto Reset |

| OFF | | | Zn 4 LED ON = User 1 Code-Program only |

*See Note 1

98 **Number of Re-Dials**

(9)

NOTE 1:
International Features

11

XP-600 WIRING DIAGRAM

(REFER TO INSTALLATION INSTRUCTIONS WI47C)

NAPCO

This equipment should be installed in accordance with Chapter 2 of the National Fire Alarm Code, ANSI/NFPA 72-1993 (National Fire Protection Association Batterymarch Park, Quincy MA 02269). and local codes. Information describing proper installation, operation, testing, maintenance, evacuation planning, and repair service is to be provided with this equipment. UL Listed Energy Cable is required.
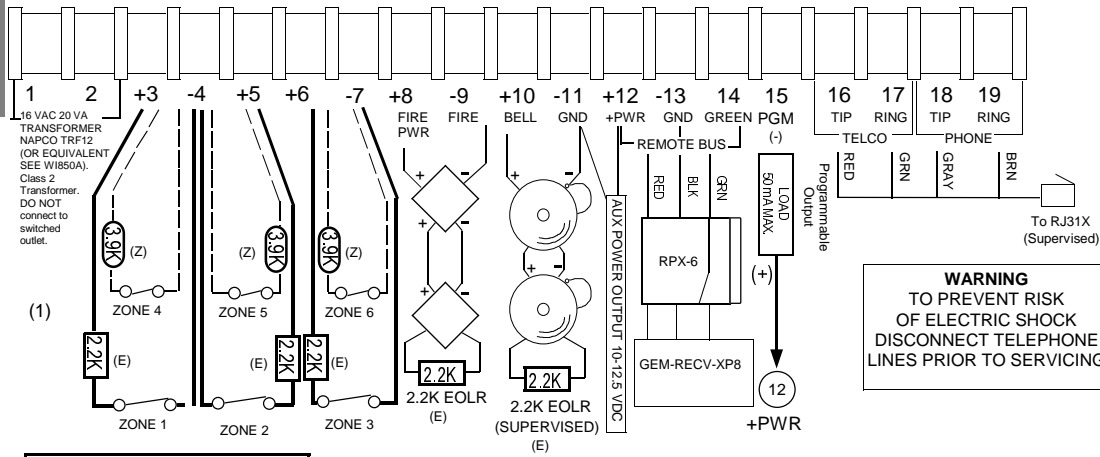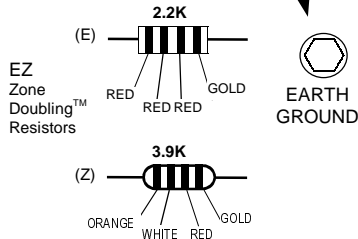
E1
+ RED

RECHARGEABLE BATTERY
12 VDC 4AH OR 7AH

E2
— BLACK
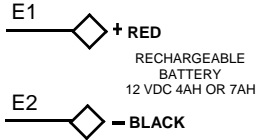
RESIDENTIAL BURG (4 HOUR STANDBY)
COMBINED STANDBY = 500 mA   BELL = 2.0 AMP

RESIDENTIAL FIRE (4 HOUR STANDBY) [2]
COMBINED STANDBY = 500 mA   BELL = 65 mA

RESIDENTIAL FIRE (24 HOUR STANDBY) [3]
COMBINED STANDBY = 120 mA   BELL = 95 mA

COLD WATER GROUND CONNECTION
USE ONLY COLD-WATER PIPE OR BURIED GROUND ROD. USE AT LEAST #16 AWG WIRE.

ALL OUTPUTS ARE CURRENT LIMITED

2.2K
(E)
RED   RED RED   GOLD

EZ Zone Doubling™ Resistors

EARTH GROUND

3.9K
(Z)
ORANGE   WHITE   RED   GOLD

1	2	+3	-4	+5	+6	-7	+8	-9	+10	-11	+12	-13	14	15	16	17	18	19
							FIRE PWR	FIRE	BELL	GND	+PWR	GND	GREEN	PGM (-)	TIP	RING	TIP	RING

16 VAC 20 VA TRANSFORMER NAPCO TRF12 (OR EQUIVALENT SEE WI850A). Class 2 Transformer. DO NOT connect to switched outlet.

REMOTE BUS

TELCO   PHONE

RED   BLK   GRN

RED   GRN   GRAY   BRN

To RJ31X (Supervised)

3.9K (Z)   (Z) 3.9K   3.9K (Z)

ZONE 4   ZONE 5   ZONE 6

AUX POWER OUTPUT 10-12.5 VDC

RPX-6

LOAD 50mA MAX

Programmable Output

(1)

2.2K (E)   (E) 2.2K   2.2K (E)

ZONE 1   ZONE 2   ZONE 3

2.2K EOLR (E)

2.2K EOLR (SUPERVISED) (E)

GEM-RECV-XP8

(+)

12

+PWR

WARNING
TO PREVENT RISK OF ELECTRIC SHOCK DISCONNECT TELEPHONE LINES PRIOR TO SERVICING

(1) ALL ZONE RESISTORS MUST BE INSTALLED, EVEN IF ZONE IS NOT USED.

(2) COMBINED STANDBY = KEYPAD CURRENT + AUX POWER CURRENT + FIRE POWER + PGM CURRENT.

(3) 24 HOUR STANDBY REQUIRES A 7AH BATTERY.

Normally Open Zone Wiring

Wire the normally open contact as shown (Zone 4). Program the zone for *Open Circuit* [06] operation.

3.9K (Z)
ZONE 4
2.2K (E)
ZONE 1

4-Wire Fire Wiring

FT2200

RED
BLACK
BROWN
BROWN

Power Out (+)
Power Out (-)
Fire Loop Out

Power In (+)
Power In (-)
Fire Loop In

XP-600 Terminals

8 Fire Power
7 Ground
8 Fire Power
9 Fire