XP-600 Programming Instructions

Note: These Programming Instructions are intended to be used in conjunction with WI1372, please refer to WI1372 for additional information, instructions and definitions.

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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 **not** default the Dealer Code. The Event Log will be erased when the panel is defaulted.

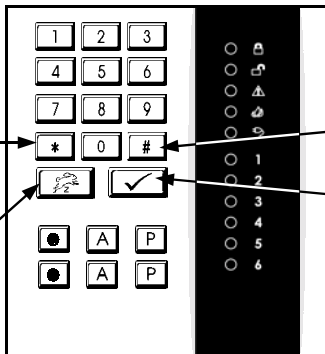## DEALER PROGRAM MODE - KEYPAD KEY DEFINITIONS

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 Blocks.

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.

Entering Dealer Program Mode

Enter ✳ 8   Dealer Code | | | | (4) (5) (6) (7)

Default Dealer Code shown in parentheses

● 🔒 ARMED (ON)
○ 🔓 READY (OFF)
● ⚠ SYSTEM (FLASHING)

Indicates the panel is in Dealer Program Mode. The panel is ready for a programming block number to be entered.

Exiting Dealer Program Mode

Enter # ✳ 8   Dealer Code | | | | (4) (5) (6) (7)

● 🔒 ARMED (FLASHING)
● 🔓 READY (FLASHING)
● ⚠ SYSTEM (FLASHING)

Indicates the panel is Ready to exit Dealer Program Mode. Enter the Dealer Code to exit.

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WI1373 1/05

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	x	Zone 2
OFF	x	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.

○ 1
● 2
● 3
○ 4
○ 5
○ 6
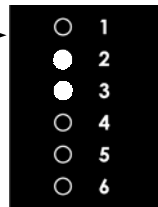
Direct Entry Programming Block

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).

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

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.:

→ | 44 | Dialing Prefix | 9 | E | | |

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

Data = 9
○ 1
● 2
● 3
○ 4

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

Data = E
● 1
○ 2
○ 3
○ 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 WI1372.

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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

System Times

10 Exit Delay

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

11 Entry Delay

			Entry Delay, seconds
(0)	(3)	(0)	Maximum Entry 255

12 Burg (Steady) Output Time-out

			Bell Time-out, minutes
(0)	(0)	(5)	Maximum Entry 255

13 Fire (Pulsed) Output Time-out

			Bell Time-out, minutes
(0)	(0)	(0)	Maximum Entry 255

14 Test Timer Interval

			Test Timer, days
(0)	(0)	(1)	Maximum Entry 255

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

			Line Cut Time-to-Fail, seconds
(0)	(0)	(0)	**Enable Feature**-Valid Entries 10-255

16 Wireless Supervisory Timer

		Supervisory Timer, hours
(1)	(2)	Maximum Entry 26

*See Note 4

NOTE 4:
UL Installations: Block 16, Wireless Supervisory Timer must be set 10 hours

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17 Wireless Smoke Supervisory Timer

	Smoke Supervisory Timer, hours
(8)	Maximum Entry 8

18 Test Timer Offset

		Test Timer Offset, hours
(1)	(2)	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.

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23 Programmable Output (PGM) Features 1

Default

OFF		Zn 1 LED ON = Audio Verification
Ⓝ 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
Ⓝ OFF		Zn 3 LED ON = Inhibit Fail to Communicate
Ⓝ 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 Failure, Wireless Smoke Low Battery and Wireless Smoke Supervisory Failure.

5

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
[3]	Silent Knight Fast
[4]	Universal High Speed
[5]	Reserved
[6]	Point ID
[7]	Pager

(4)

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

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

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" |

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.

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
[3]	Silent Knight Fast
[4]	Universal High Speed
[5]	Reserved
[6]	Point ID
[7]	Pager

(4)

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
OFF		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" |

Report Codes

60 Zone Report Codes

[___] (3)	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

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

[___] (3)	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

```
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

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

63 System Report Codes

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

*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 Failure, Wireless Smoke Low Battery and Wireless Smoke Supervisory Failure.

65 Opening and Closing Code

[___] (C)	Closing Code
[___] (B)	Opening Code

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

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⎕

Downloading

90 **Callback Telephone Number**

91 **Ring Count**

(0) (9)   Maximum Entry 15

92 **Downloading Features**

Default

ON			Zn 1 LED ON = Ring Method
ON			Zn 2 LED ON = Answering Machine override
ON			Zn 3 LED ON = Command 6($\boxed{*}$ $\boxed{6}$) 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 Restore
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 PROGRAMMING INSTRUCTIONS WI1373) **NAPCO**

This equipment should be installed in accordance with Chapter 2 of the National Fire Alarm Code, ANSI/NFPA 72-1996 (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.

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

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

DS1 ◯   TELE LINE IN USE

E1 ◇ **+ RED**

RECHARGEABLE BATTERY
12 VDC 4AH OR 7AH

E2 ◇ **— BLACK**
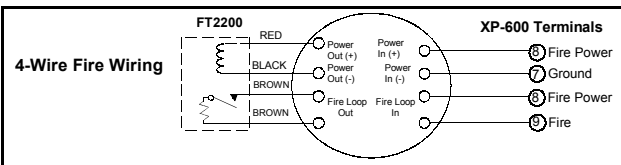
RECOMMENDED BATTERIES YUASA
NP4-12 AND NP7-12
REPLACE EVERY FIVE YEARS

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

3.9K
(Z)
ORANGE   WHITE   RED   GOLD

EARTH GROUND

1	2	+3	-4	+5	+6	-7	+8	-9	+10	-11	+12	-13	14	15	16	17	18	19

16 VAC 20 VA TRANSFORMER NAPCO TRF12 (OR EQUIVALENT SEE WI1372). Class 2 Transformer. DO NOT connect to switched outlet.

FIRE PWR — FIRE — BELL — GND — +PWR — GND — GREEN — PGM (-) — TIP — RING — TIP — RING
TELCO — PHONE

REMOTE BUS
RED   BLK   GRN

RPXP6GT

GEM-RECV-XP8

LOAD 50 mA MAX

Programmable Output

RED   GRN   GRAY   BRN
To RJ31X (Supervised)

(1)

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

3.9K (Z)   ZONE 5   2.2K (E)   2.2K (E)   ZONE 2

3.9K (Z)   ZONE 6   ZONE 3

2.2K EOLR (E)

2.2K EOLR (SUPERVISED) (E)

AUX POWER OUTPUT 10-12.5VDC

12   +PWR

(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) RESIDENTIAL FIRE REQUIRES A 7AH BATTERY.
(4) UNIT INTENDED TO BE MOUNTED VERTICALLY ON WALL.
(5) REFER TO WI1372 FOR COMPATIBLE TWO WIRE SMOKE DETECTORS. DO NOT MIX DIFFERENT MODELS.
(6) THIS PANEL SHALL BE CHECKED BY A QUALIFIED TECHNICIAN AT LEAST ONCE EVERY THREE YEARS.
(7) THIS PANEL SUPPORTS ONLY ONE SMOKE DETECTOR IN ALARM.
(8) USE ONLY ONE BELL IN RESIDENTIAL FIRE APPLICATION.
(9) SYSTEM MUST BE TESTED AT LEAST ONCE A WEEK IN THE AC/BATTERY MODE AND IN THE BATTERY-ONLY MODE. (CONTACT CENTRAL STATION PRIOR TO TESTING) AC MUST BE RESTORED AFTER TEST.
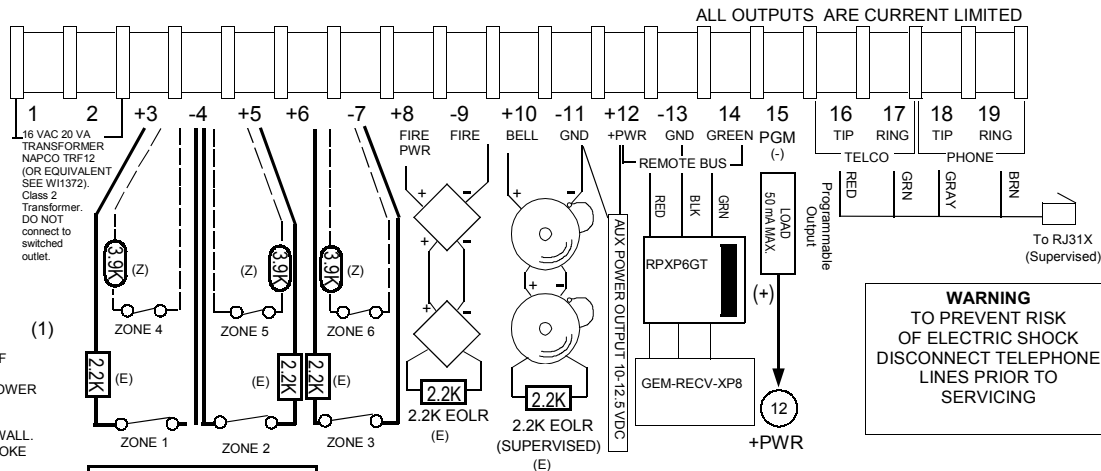
Normally Open Zone Wiring
Wire the normally open contact as shown (Zone 4). Program the zone for *Open Circuit* [06] operation.

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

4-Wire Fire Wiring

FT2200
RED
BLACK
BROWN
BROWN

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

XP-600 Terminals
⑧ Fire Power
② Ground
⑧ Fire Power
⑨ Fire

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

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