



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:

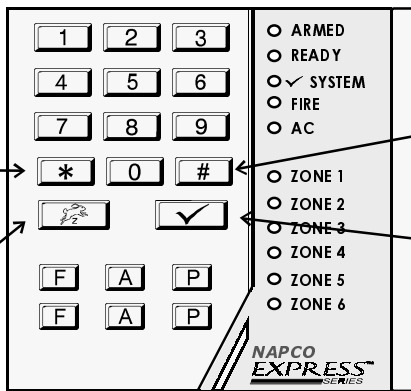
After 15 minutes of keypad inactivity the keypad will emit a steady tone indicating the panel has been left in Dealer Program Mode. Enter Dealer Code to exit or press the **#** key to return to Dealer Program mode.

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 not 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

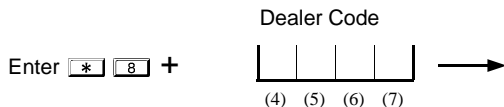
Press this key to disable all features within a LED type Programming Block or to blank out digits in a Direct Entry type Programming Block.

Entering Dealer Program Mode

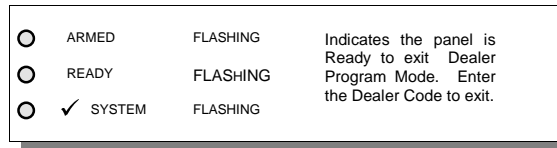
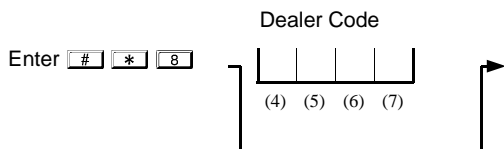
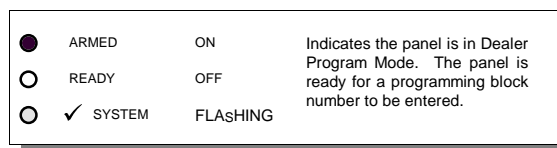
NOTE:

Entering Dealer Program Mode is not 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.

Exiting Dealer Program Mode



Default Dealer Code shown in parentheses



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 (Beep).
2. Press the key to select zone 2.
3. Press the key to select zone 3.

02	Exit/Entry Follower
	Default
<input type="checkbox"/>	Zone 1
<input checked="" type="checkbox"/>	Zone 2
<input checked="" type="checkbox"/>	Zone 3
<input type="checkbox"/>	Zone 4
<input type="checkbox"/>	Zone 5
<input type="checkbox"/>	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.

<input type="radio"/>	ZONE 1
<input checked="" type="radio"/>	ZONE 2
<input checked="" type="radio"/>	ZONE 3
<input type="radio"/>	ZONE 4
<input type="radio"/>	ZONE 5
<input type="radio"/>	ZONE 6

Direct Entry Programming Block

Enter data directly. For hexadecimal entries of A-F, use the key + through 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) (Beep)
2. Press .

10	Exit Delay		
<input type="text" value="0"/>	<input type="text" value="6"/>	<input type="text" value="0"/>	Exit Delay, seconds
(0)	(4)	(5)	Maximum Entry 255

Direct Entry Type Programming Blocks

2 Direct Entry Programming Example 2

(Hexadecimal data entry)

Program *Telephone Prefix Number* with a 9E.

1. Press (Beep) (Beep).
2. Press
3. Press
4. Press

44	Dialing Prefix	<input type="text" value="9"/>	<input type="text" value="E"/>	<input type="text"/>	<input type="text"/>
----	-----------------------	--------------------------------	--------------------------------	----------------------	----------------------

<input type="radio"/>	ARMED	OFF	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).
<input type="radio"/>	READY	FLASHING	
<input checked="" type="radio"/>	SYSTEM	FLASHING	

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	*	NOTE:
ZONE 1	<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>	In the following Programming Blocks, data that has been entered as a '0' will be displayed as an 'A': <i>Subscriber ID Numbers, Phone Numbers, Pager Leading and Trailing digits and Report Codes.</i>
ZONE 2	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>	<input checked="" type="radio"/>	
ZONE 3	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>	<input checked="" type="radio"/>	<input checked="" type="radio"/>	<input checked="" type="radio"/>	<input checked="" type="radio"/>	
ZONE 4	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>	<input checked="" type="radio"/>	<input checked="" type="radio"/>	<input checked="" type="radio"/>	<input checked="" type="radio"/>	<input checked="" type="radio"/>	<input checked="" type="radio"/>	<input checked="" type="radio"/>	<input checked="" type="radio"/>	

ZONE LED ON ZONE LED OFF

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 to enter Programming Block 44. The 1st digit of Programming Block 44 is displayed.

② Press the key to view the 2nd digit.

Dialing Prefix

Data = 9

- ZONE 1
- ZONE 2
- ZONE 3
- ZONE 4

Data = E

- ZONE 1
- ZONE 2
- ZONE 3
- ZONE 4

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

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.

Zone Features

00 Exit/Entry Zones

Default

Zone 1

Zone 2

Zone 3

Zone 4

Zone 5

Zone 6

03 Auto Bypass Reentry Zones

Default

Zone 1

Zone 2

Zone 3

Zone 4

Zone 5

Zone 6

06 Open Circuit Zones

Default

Zone 1

Zone 2

Zone 3

Zone 4

Zone 5

Zone 6

See wiring
diagram for
Open Circuit
wiring.

09 Selective Bypass

Default

Zone 1

Zone 2

Zone 3

Zone 4

Zone 5

Zone 6

01 Home/Away with Delay Zones

Default

Zone 1

Zone 2

Zone 3

Zone 4

Zone 5

Zone 6

04 24 Hour Protection Zones

Default

Zone 1

Zone 2

Zone 3

Zone 4

Zone 5

Zone 6

07 Burg (Steady) Output

Default

Zone 1

Zone 2

Zone 3

Zone 4

Zone 5

Zone 6

02 Exit/Entry Follower Zones

Default

Zone 1

Zone 2

Zone 3

Zone 4

Zone 5

Zone 6

05 40 ms Loop Response Zones

Default

Zone 1

Zone 2

Zone 3

Zone 4

Zone 5

Zone 6

08 Programmable Output (PGM)

Default

Zone 1

Zone 2

Zone 3

Zone 4

Zone 5

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

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
 Zn 1 LED ON = *Keypad Fire ()
 Zn 2 LED ON = *Keypad AUX ()
 Zn 3 LED ON = *Keypad Panic ()
 Zn 4 LED ON = *Ambush (6th User Code)
*See Note 1

21 Keypad Features 2

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

22 Miscellaneous Features 1

Default
 Zn 1 LED ON = Abort Delay
 Zn 2 LED ON = Easy Arm/Easy Exit
 Zn 3 LED ON = Swinger Shutdown
 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
 Zn 1 LED ON = Audio Verification
 Zn 2 LED ON = *Access Output ()
 Zn 3 LED ON = *Follow Keypad Sounder
 Zn 4 LED ON = *Keyfob/Keyswitch Chirp
*See Note 2

24 Programmable Output (PGM) Features 2

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

25 Programmable Output (PGM) Features 3

Default
 Zn 1 LED ON = AC Fail
 Zn 2 LED ON = Low Battery
 Zn 3 LED ON = *Trouble
 Zn 4 LED ON = Armed
*See Note 3

26 Miscellaneous Features 2

Default
 Zn 1 LED ON = Momentary Keyswitch Arming
 Zn 2 LED ON = Reserved
 Zn 3 LED ON = Inhibit Fail to Communicate
 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.

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 ()

(1) (1)

Keypad AUX ()

(2) (3)

Keypad Panic ()

(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 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

Zn 1 LED ON = Opening after Alarm (Cancel Code)

Zn 2 LED ON = Conditional Closing

Zn 3 LED ON = Reserved

Zn 4 LED ON = Reserved

68 Telephone Number 3

Default

Zn 1 LED ON = Opening after Alarm (Cancel Code)

Zn 2 LED ON = Conditional Closing

Zn 3 LED ON = Reserved

Zn 4 LED ON = Reserved

