

Programming The NX Panel

Introduction

The NX Alarm Panel is available in three different models

FEATURES	NX – 4	NX - 12	NX-16
Independent number of zones	4	12	16
Expandable to a maximum number of zones(a combination of hardwired and/or wireless)	8	16	48
Anti-tamper supervision of all zones (hardwired and wireless)	Yes	Yes	Yes
Individual areas/partitions	1	2	8
Total number of user PIN codes (4 digit)	8	40	99
Maximum number of codepads	8	16	24
LED backlighting of codepad buttons & LCD codepad screen	Yes	Yes	Yes
Codepad tampers	Yes	Yes	Yes
Codepad service messages			
(English text on LCD/LED indication on LED codepad)	Yes	Yes	Yes
Uni arming (single button arming for full or partial mode)	Yes	Yes	Yes
Home mode/partial mode arming	Yes	Yes	Yes
Automatic arming (and auto partial mode arming)	Yes	Yes	Yes
Re-exit	Yes	Yes	Yes
Real-time event history (maximum events)	185	185	185
Phone line monitor	No	Yes	Yes
Fire alarm verification	Yes	Yes	Yes
Walk test mode	Yes	Yes	Yes
Full supervision of all expansion module and codepads	Yes	Yes	Yes
Warranty	2 Yrs	2 Yrs	2 Yrs

The NX system is truly Net-workable, like the way your computer talks to your printer. In fact, should a new feature become available in years to come, you may only need to upgrade the software in the NX panel to “allow” that device to function. In the same way that you load drivers on your computer to enable a new device like a digital camera or scanner.

Therefore, when programming, you must tell ***NX what device you are programming!***

Expander Module Numbers			
0	NX-16 Control Panel	30	8 Way Open Collector & Printer Output Board
16	Zone Expander Starting at Zone 17	31	8 Way Open Collector & Printer Output Board
17	Zone Expander Starting at Zone 25	32	Wireless Receiver ITI/Inovonics
18	Zone Expander Starting at Zone 33	33	Wireless Receiver ITI/Inovonics
19	Zone Expander Starting at Zone 41	34	Wireless Receiver ITI/Inovonics
23	Zone Expander Starting at Zone 9	35	Wireless Receiver ITI/Inovonics
24	8 Way Open Collector & Printer Output Board	84	NX-320 Power Supply & Buss Extender Module
25	8 Way Open Collector & Printer Output Board	85	NX-320 Power Supply & Buss Extender Module
26	8 Way Open Collector & Printer Output Board	86	NX-320 Power Supply & Buss Extender Module
27	8 Way Open Collector & Printer Output Board	87	NX-320 Power Supply & Buss Extender Module
28	8 Way Open Collector & Printer Output Board	192-255	Code Pad I.D Numbers (code pads when addressed are called expanders)
29	8 Way Open Collector & Printer Output Board		

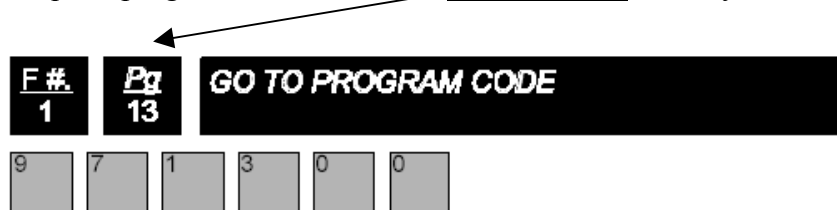
DEFAULTING The PANEL – you should default the panel before programming

1. Press on LED code pad within 10 seconds of powering up. **9 7 1 3 0 0**
2. Default the panel in program mode. Press *** 8 9 7 1 3 0 # 9 1 0 #**

Programming

The Program manual is divided into two sections - the program detail in the front and the quick programming sheets in the back.

The quick program sheets show the **page number** for easy reference to more detailed information.



The programming Locations (**Features**) for the NX4, NX12 and NX16 are the same, some just have more features.

Step 1

Enter Program mode * **8**

Enter Installers Code **9 7 1 3**

Enter the device you want to program followed by # key **0 #** (refer Expander Module numbering)

Step 2

Now that you are in program mode, the NX is waiting for you to enter a Location (**Feature**) number.

There are **two types** of Locations (**Feature**)

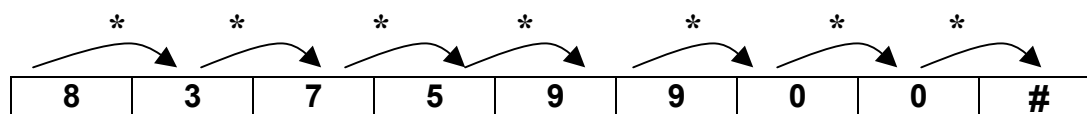
- 1st type is where you enter Numbers (like a phone number)
- 2nd type is where you Enable or Disable options by turning **ON** or **OFF** the LEDS

1st Type

Enter the Feature Number followed by **# key**

To Enter data, simple enter the digit you want, then press * **Key**

For example, to enter the phone number 83759900



- Pressing the * key saves your data and advances you to the next segment
- Pressing # will take you **OUT** of that feature.

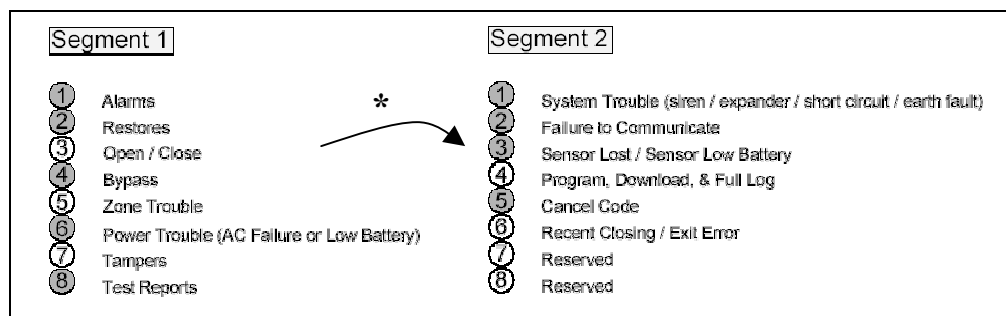
2nd Type

Enter the Feature Number followed by **# key**

Enable or Disable the features by turning **ON** or **OFF** the LEDS

For example, If you want to Enable **Open / Close** reports would turn lamp 1 **ON** by pressing the **1 KEY**

- Pressing the * key saves your data and advances you to the next segment



- Pressing # will take you **OUT** of that feature.

Step 3

When programming a **Local Panel** (no dialer) the default programming has most of the options already programmed for you, but you may want to look at the following locations (Features):-

F16 – Set up the options for AREA 1

F17 – Entry / Exit times

F18 – Sets up how the Zones will function

This Feature determines how the Zones 1 to 8 will function, the number in the box relates to the Zone Configuration Table



DATA	DEFAULT ZONE CONFIGURATION TABLE
"1"	ENTRY / EXIT DELAY 1: Partial - Forced Arming – A trip will start entry delay 1. This zone will be active in partial mode. This zone type may be faulted while arming if forced arming is enabled in the area options.
"2"	ENTRY / EXIT DELAY 1: Chime - Forced Arming – A trip will start entry delay 1. This zone will be bypassed in partial mode. This zone type will set the code pad chime if set via the code pad [Chime] key.
"3"	ENTRY / EXIT DELAY 1: Partial - Chime - Forced Arming – A trip will start entry delay 1. This zone will be active in partial mode. This zone type may be faulted while arming if forced arming is enabled in the area options. This zone type will set the code pad chime if set via the code pad [Chime] key.
"4"	ENTRY / EXIT DELAY 2: Partial - Forced Arming – A trip will start entry delay 2. This zone will be active in partial mode. This zone type may be faulted while arming if forced arming is enabled in the area options.
"5"	ENTRY / EXIT DELAY 2: Partial - Chime - Forced Arming – A trip will start entry delay 2. This zone will be active in partial mode. This zone type may be faulted while arming if forced arming is enabled in the area options. This zone type will set the code pad chime if set via the code pad [Chime] key.
"6"	HANDOVER: Forced Arming - Interior zone that follows the entry delay zones. Instant alarm type unless an entry zone if faulted first. This zone will be bypassed in partial mode. This zone type may be faulted while arming if forced arming is enabled in the area options.
"7"	HANDOVER: Partial - Forced Arming - Interior zone that follows the entry delay zones. Instant alarm type unless an entry zone if faulted first. This zone will be active in partial mode. This zone type may be faulted while arming if forced arming is enabled in the area options.
	HANDOVER: Twin Trip - Forced Arming - Interior zone that follows the entry delay zones. Instant

F22 – Enables / disables most of the more common features

Step 4

To Exit Program Mode, press the **EXIT** key **twice**. Wait about 12 seconds for the program to initialize.

For more information, contact Direct Alarm Supplies on (08) 8375 9900