

NetworX NX-583 Securitel Interface Programming Worksheet

GENERAL DESCRIPTION

The NX-583 is a microprocessor controlled is an ASIAL Securitel protocol conversion module for the NX series control panels. The NX-583 has five programming locations where the Securitel hard ID and reporting events are programmed and enabled. The NX-583 is connected to the STU via provided cable connector, the red cable connects to the "+" terminal of the STU, the black cable connects to the "-" terminal of the STU. The yellow cable connects to the "D" terminal of the STU, and the green cable connects to the "C" terminal of the STU. The NX-583 is connected to the NX series control panel via the POS, COM and DATA terminals with the maximum total wire run from the panel to all devices, including the NX-583, is 800 metres.

ENROLLING THE NX-583 SECURITEL INTERFACE

The NX-series panels have 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 NX control panel, 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.

Note. That the NX-583 has a fixed address of 76.

ENTERING PROGRAM MODE

The NX-583 had a fixed device address of 76. To enter program mode, press "" "8" "(program code)" "76" "#". Then you can simply select the location number you wish to program followed by "#". Locations "2" and "3" are reserved.

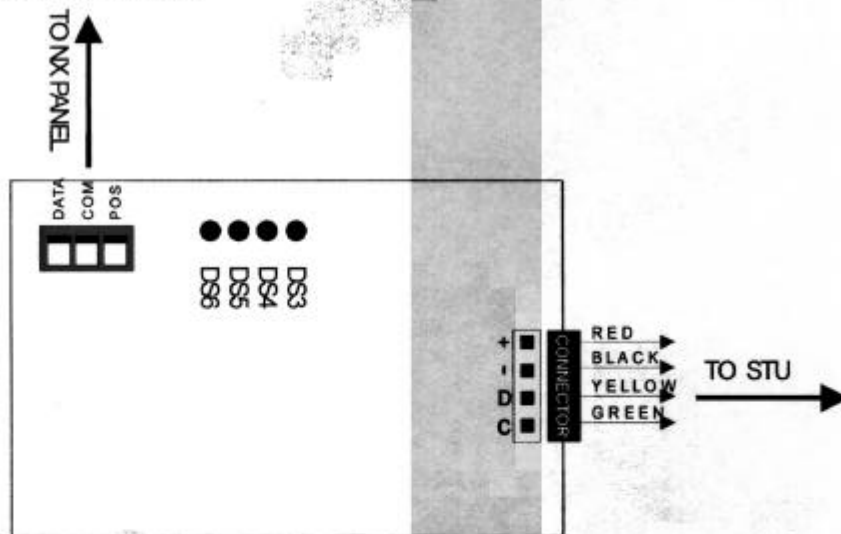
UNDERSTANDING THE LED'S

DS3	Will blink when the NX-583 receives a valid message from the STU.
DS4	Will blink when the NX-583 sends any data to the STU.
DS5	Will blink when the NX-583 sends an event to the STU.
DS6	Will blink when the STU acknowledges an event.

PROGRAMMING LOCATIONS

0	Location "0" is used to enter the STU Hard ID.
1	Location "1" is used to select which areas will report via the NX-583.
4 & 5	Locations "4" and "5" are used to select the reportable events.

NX-583 CONNECTION DIAGRAM



NX-583 WORKSHEETS

F #		STU HARD ID
0		
0	0	0
0	0	1

F #		EVENT 1 - 8, EVENT ENABLE
1		(Segment 1 = Area 1 thru Segment 8 = Area 8)

	SEGMENT 1	SEGMENT 2	SEGMENT 3	SEGMENT 4	SEGMENT 5	SEGMENT 6	SEGMENT 7	SEGMENT 8
AREA 1	1	1	1	●	●	●	●	●
AREA 2	2	2	2	●	●	●	●	●
AREA 3	3	3	3	●	●	●	●	●
AREA 4	4	4	4	●	●	●	●	●
AREA 5	5	5	5	●	●	●	●	●
AREA 6	6	6	6	●	●	●	●	●
AREA 7	7	7	7	●	●	●	●	●
AREA 8	8	8	8	●	●	●	●	●

F #		Reserved
2&3		

Segment 1

① Alarm	06h [1-48]
② Restore	08h [1-48]
③ Bypass	15h [1-48]
④ Bypass Restore	18h [1-48]
⑤ Tamper	0Eh [1-48]
⑥ Tamper Restore	10h [1-48]
⑦ Reserved	
⑧ Reserved	

Segment 2

① Sensor Low Battery	06h [254]
② Sensor Low Battery Restore	08h [254]
③ Sensor Missing	06h [255]
④ Sensor Missing Restore	08h [255]
⑤ Reserved	
⑥ Reserved	
⑦ Reserved	
⑧ Reserved	

Segment 3

① Reserved	
② Reserved	
③ Duress	06h [239]
④ Auxiliary 1	06h [236]
⑤ Auxiliary 2	06h [237]
⑥ Holdup (Silent Panic)	06h [235]
⑦ Keypad Panic	06h [235]
⑧ Keypad Tamper	06h [238]

Segment 4

① Box Tamper	06h [242]
② Box Tamper Restore	08h [242]
③ AC Fall	06h [243]
④ AC Restore	08h [243]
⑤ Low Battery (system)	06h [244]
⑥ Low Battery Restore	08h [244]
⑦ Fuse (over-current)	06h [245]
⑧ Fuse (over-current) Restore	08h [245]

Segment 5

① Siren Tamper	06h [242]
② Siren Tamper Restore	08h [242]
③ Telephone Line Monitor	06h [243]
④ Tel Line Monitor Restore	08h [243]
⑤ Expander Trouble	06h [244]
⑥ Exp. Trouble Restore	08h [244]
⑦ Reserved	06h [245]
⑧ Log Full	08h [245]

Segment 6

① Area Open	32-39h [1-99]
② Area Close	52-29h [1-99]
③ Exit Error	06h [241]
④ Recent Close	06h [240]
⑤ Autotest	06h [251]
⑥ Program Start	06h [252]
⑦ Program End	08h [252]
⑧ Download Start	06h [253]

Segment 7

① Download Complete	08h [253]
② Reserved	
③ Reserved	
④ Reserved	
⑤ Maintenance Test	06h [251]
⑥ Reserved	
⑦ Reserved	
⑧ Reserved	

Segment 8

① Reserved	
② Reserved	
③ Reserved	
④ Reserved	
⑤ Reserved	
⑥ Reserved	
⑦ Reserved	
⑧ Reserved	

F #.
5

REPORTING EVENT ENABLE

Segment 1

- ① Reserved
- ② Reserved
- ③ Reserved
- ④ Reserved
- ⑤ Reserved
- ⑥ Reserved
- ⑦ Reserved
- ⑧ Reserved

Segment 3

- ① Reserved
- ② Reserved
- ③ Reserved
- ④ Reserved
- ⑤ Reserved
- ⑥ Reserved
- ⑦ Reserved
- ⑧ Reserved

Segment 5

- ①
- ②
- ③
- ④
- ⑤
- ⑥
- ⑦
- ⑧

Segment 7

- ① Reserved
- ② Reserved
- ③ Reserved
- ④ Reserved
- ⑤ Reserved
- ⑥ Reserved
- ⑦ Reserved
- ⑧ Reserved

Segment 2

- ① Reserved
- ② Reserved
- ③ Reserved
- ④ Reserved
- ⑤ Reserved
- ⑥ Reserved
- ⑦ Reserved
- ⑧ Reserved

Segment 4

- ① Reserved
- ② Reserved
- ③ Reserved
- ④ Reserved
- ⑤ Reserved
- ⑥ Reserved
- ⑦ Reserved
- ⑧ Reserved

Segment 6

- ① Reserved
- ② Reserved
- ③ Reserved
- ④ Reserved
- ⑤ Reserved
- ⑥ Reserved
- ⑦ Reserved
- ⑧ Reserved

Segment 8

- ① First to Open 31h [1-99]
- ② Last to Close 51h [1-99]
- ③ Reserved
- ④ Reserved
- ⑤ Reserved
- ⑥ Reserved
- ⑦ Reserved
- ⑧ Fail to Communicate - Data Lost 06h [249]