Partner: GE Interlogix
Model: NX-8E
Device Type: Security

GENERAL INFORMATION

SIMPLWINDOWS NAME:	GE Interlogix Networx NX-8E Partition Module v4.7
CATEGORY:	Security
VERSION:	4.7
SUMMARY:	This module controls one partition and provides true feedback.
GENERAL NOTES:	This module provides controls for arming and disarming one partition. It will also provide true feedback for that partition.
CRESTRON HARDWARE REQUIRED:	C2COMI, C2COM2/3
SETUP OF CRESTRON HARDWARE:	RS232 Baud: 9600 Parity: None Data Bits: 8 Stop Bits: 1
VENDOR FIRMWARE:	NX-8E V19.00 65BD 08/03/07

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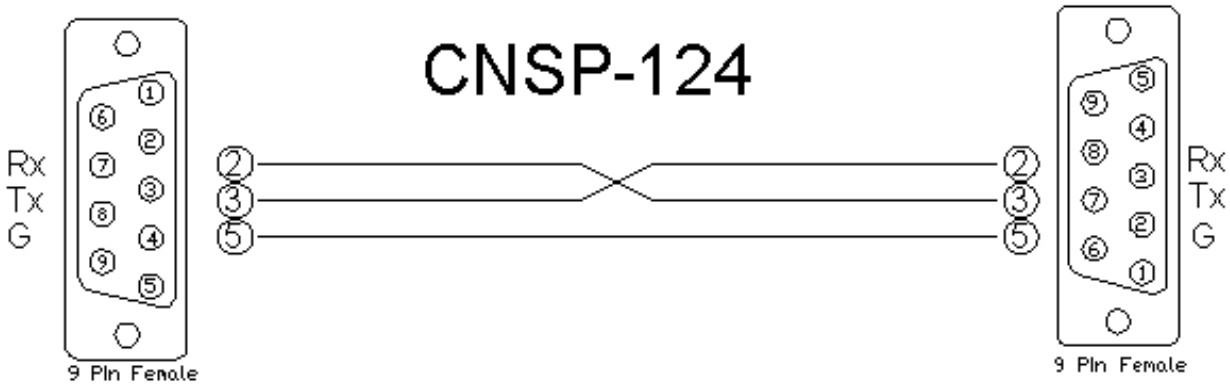
CRESTRON CERTIFIED INTEGRATED PARTNER

VENDOR SETUP:	The NX-8E has the NX-584 built onto the main board. You must enter programming mode and enable the NX-584 by setting Location 207 to "1". Location 23 enables and disables function globally. For instance, if Location 23 Segment 1 Bit 1 is enabled, the STAY function will be enabled on the NX-8E keypads. The STAY function will be enabled on the Crestron system if Location 23 Segment 1 Bit 1 and Location 211 Segment 4 Bit 7 are enabled. If Location 23 Segment 1 Bit 1 is disabled, the STAY function will be disabled for both the NX-8E keypads and the Crestron system, no matter what Location 211 Segment 4 Bit 7 is set to. The following locations need to be set as listed below. Location — Setting 23 — Segment 1 bits 1, 5, 6 & 7 enabled. All others disabled. 23 — Segment 2 bit 4 enabled. All others disabled. 23 — Segments 3, 4 & 5 all bits disabled. 207 — "1" for NX-584 Enabled. 208 — "2" for 9600 Baud. 209 — Bit 1 set to "1" for LED On ASCII. 210 — Segment 1 All disabled. 210 — Segment 2 All disabled. 211 — Segment 1 bits 4, 6 & 7 enabled. All others disabled. 211 — Segment 2 bits 1 & 3 enabled. All others disabled. 211 — Segment 3 bits 3, 5 & 7 enabled. All others disabled. 211 — Segment 4 bits 5, 7 & 8 enabled. All others disabled.
CABLE DIAGRAM:	CNSP-124



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CONTROL:

Arm_*	D	Pulse to arm either away or stay. ***REQUIRES PASSCODE***
Disarm	D	Pulse to disarm. ***REQUIRES PASSCODE***
Quick_Arm_*	D	Pulse to quick arm either away or stay. Same as stay or exit on NX-8E keypad. No passcode required.
Chime	D	Pulse to turn the Chime mode on and off. Same as Chime on NX-8E keypad. No passcode required.
Cancel	D	Pulse to activate the cancel button. Same as the Cancel on NX-8E keypad. No passcode required.
***_Panic**	D	Pulse to activate the Fire, Medical or Police Panic buttons. Same as the NX-8E keypad. No passcode required.
Smoke_Detector_Reset	D	Pulse to reset the smoke detector. No passcode required.
Keypad_*	D	Pulse to enter the passcode.
From_Processor_Module$	S	Serial signal to be routed from the GE Interlogix Networx Processor Module v4.7.

PARAMETER:

Partition Number	P	This is the partition number to control.

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FEEDBACK:

Ready_Fb	D	High to indicate that the partition is ready to arm.
Armed_Fb	D	High to indicate that the partition is armed.
Stay_Mode_Fb	D	High to indicate that the partition is armed in stay mode.
Chime_Mode_Fb	D	High to indicate that the chime mode is active.
Entry_Delay_Fb	D	High to indicate that an entry delay is active.
Entry_1_Fb	D	High to indicate that entry delay 1 is active.
Alarm_Fb	D	High to indicate that the partition is in alarm.
Instant_Fb	D	High to indicate that the partition was armed in a quick arm mode.
Pulsing_Buzzer_Fb	D	High to indicate that a pulsing buzzer is active.
Fire_Fb	D	High to indicate a fire zone is tripped.
Fire_Trouble_Fb	D	High to indicate a fire trouble.
Tamper_Fb	D	High to indicate tamper trouble.
Steady_Siren_On_Fb	D	High to indicate the steady siren is on.
Siren_On_Fb	D	High to indicate the siren is on.
Exit_*_Fb	D	High to indicate that the exit delay 1 or 2 is active.
Delay_Expiration_Warning_Fb	D	High to indicate that the currently active delay is about to expire.
Silent_Exit_Enabled_Fb	D	High to indicate that the silent exit is enabled.
Chime_On_Fb	D	High to indicate that the chime is on.
Ready_to_Force_Arm_Fb	D	High to indicate that the partition is ready to force arm.
Passcode_Masked$	S	Serial signal indicating the current number of characters entered in the passcode. The passcode is masked with the asterisks character.
To_Processor_Module$	S	Serial signal to be routed to the GE Interlogix Networx Processor Module v4.7.

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TESTING:

OPS USED FOR TESTING:	CP3: 1.501.0013
SIMPL WINDOWS USED FOR TESTING:	4.03.20
DEVICE DB USED FOR TESTING:	72.00.001.00
CRES DB USED FOR TESTING:	54.05.005.00
SYMBOL LIBRARY USED FOR TESTING:	982
SAMPLE PROGRAM:	GE Interlogix Networx v4.7 Demo
REVISION HISTORY:	2.0 – 7/27/2005 – Changed several modules. The processor module has been changed so that it does not poll the NX-8E. This allows the commands to be sent to the NX-8E more promptly. The Partition and Zone modules have been changed to provide more feedback. All SIMPL+ modules have been changed to use volatile memory instead of non-volatile memory. 3.0 – 9/22/2005 – Changed several modules. The processor module has been changed so that it does poll. This allows us to control all communications between the Crestron and the NX-8E. The zone bypass modules and the zone name modules have been changed to allow the zone number to be entered as a decimal. This will allow the module to be copied and pasted using the auto increment function. 4.0 – 5/17/2006 – Fixed the GE Interlogix Networx Processor Module v4.0 module. It had a user function that had the same name as a new built in function in the Simpl+ file. 4.1 – 1/27/2009 – Fixed an issue with the GE Interlogix Networx Processor Module v4.1 that caused errors in the processor module. Also fixed a labeling issue with the cable diagram in the help file. 4.2 – 8/7/2009 – Fixed an issue with processing the responses from the GE causing errors. Changed the way that the serial queue is handled. Increased the size of the command queue. 4.3 – 1/6/2010 – Per GE, changed the poll time to 15 seconds. 4.6 – Optimized the Simpl+ for 3-series processors. 4.7 – Fixed an issue with the GE Interlogix Networx Processor Module not properly handling the feedback responses for the partitions.

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