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

GENERAL INFORMATION

SIMPLWINDOWS NAME:	GE Interlogix Networx NX-8E Zone Module v4.1
CATEGORY:	Security
VERSION:	4.1
SUMMARY:	This module controls one zone and provides true feedback.
GENERAL NOTES:	This module provides controls for bypassing and unbypassing one zone. It will also provide true feedback for that zone.
CRESTRON HARDWARE REQUIRED:	CNXCOM, CNX-COM2, ST-COM, C2COMI, C2COM2/3
SETUP OF CRESTRON HARDWARE:	RS232 Baud: 9600 Parity: None Data Bits: 8 Stop Bits: 1
VENDOR FIRMWARE:	NX-8E AE71/6/29/05

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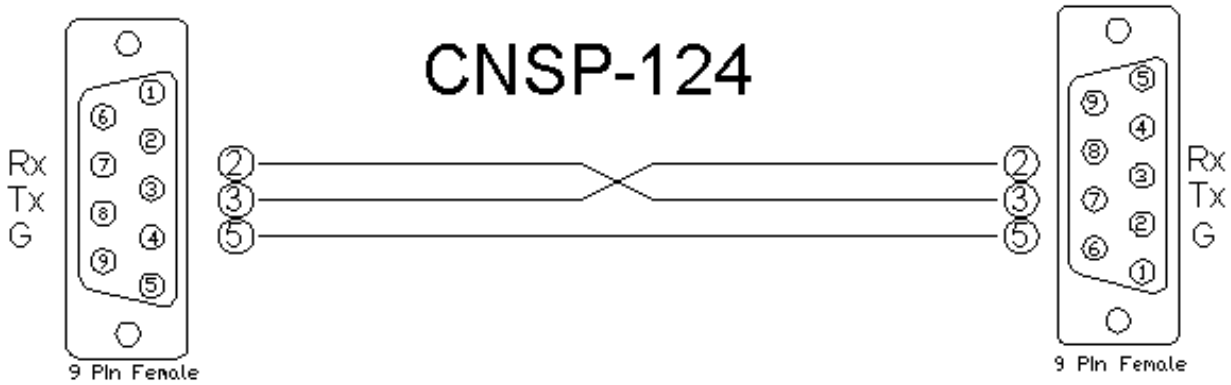
VENDOR SETUP:	The NX-8E has the NX-584 built onto the main board. You must enter programming mode and enable the NX-584 by setting Location 207 to "1". Location 23 enables and disables function globally. For instance, if Location 23 Segment 1 Bit 1 is enabled, the STAY function will be enabled on the 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:

Bypass/Unbypass/Bypass_Toggle	D	Pulse to bypass or unbypass the zone.
Zone_Status_In	A	Analog status value from the GE Interlogix Networx Processor Module v4.1.

PARAMETER:

Zone Number	P	This is the zone number to control. You must subtract 1 from the zone number. Zone 1 = 0.

FEEDBACK:

Zone_*_Fb	D	High to indicate the status of the zone.
To_Processor_Module$	S	Serial signal to be routed to the GE Interlogix Networx Processor Module v4.1.

TESTING:

OPS USED FOR TESTING:	PRO2: 3.137 CNMSX-Pro: 5.14.02x
SIMPL WINDOWS USED FOR TESTING:	2.10.32
SAMPLE PROGRAM:	GE Interlogix Networx v4.1 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.

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