

SIMPLWINDOWS NAME: GE Security Advent/Concord Zone Feedback Decoder
CATEGORY: Security System
VERSION: 1.0
DATE: February 26, 2002
SUMMARY: Decodes the zone status into separate signals for each zone

GENERAL NOTES: This module will take the single ZONE-STATUS\$ output provided by the GE Security Advent/Concord Processor module, and it will decode it into separate analog signals for each of the 250 available zones.

The ZONE_Status_* output of this module is expandable, so it can be expanded for as many zones are being used on the system. Each output should be connected to a separate copy of the GE Zone Status Decoder module, which will decode the single analog signal into 5 separate digital states.

Note that this module uses Simpl+ and can therefore only be used with a Generation CNX control system.

This module has been tested on both Advent and Concord systems. The Concord system tested only supported 2 partitions and 76 zones.

CRESTRON HARDWARE REQUIRED: CNXCOM-2, ST-COM

SETUP OF CRESTRON HARDWARE: Baud Rate - 9600
Parity - Odd
Data Bits - 8
Stop Bits - 1

VENDOR FIRMWARE: For Advent:
Control Panel Version 1.6
Automation Module Version 3.43

For Concord:
Version 2.5 or later

VENDOR SETUP: You must use the GE Printer/Automation module to enable communications with the Crestron system. This module will attach to the GE bus, and will provide an RS232 port for use by the Crestron system. When ordering this module you must specify that it is for a Crestron control system. Use the 9 pin connector.

The DIP switches inside the module should be set as follows:

1 - On
2 - Off

CABLE NUMBER: CNSP-121

CONTROL:

REQUEST-UPDATE D Pulse when it is desired to receive the current state of the GE system. Should only be needed upon startup of the Crestron system.

ITI-RX\$ S Serial data signal to be routed from the ZONE-STATUS\$ output of the GE Security

Feedback module.

FEEDBACK:

ZONE-STATUS_\$ A Expandable output which will provide a separate analog signal for each zone. These signals should the be connected to the GE Security Zone Status Decoder module.

.UPZ FILE USED FOR TESTING: 5.12.65x.upz
COMPILER USED FOR TESTING: SimplWindows Version 2.00.25
SAMPLE PROGRAM: ITI Advent Demo Program
REVISION HISTORY: None