

SIMPLWINDOWS NAME: GE Security Advent/Concord Keypad Control
CATEGORY: Security System
VERSION: 1.0
DATE: February 26, 2002
SUMMARY: Allows any button a standard GE keypad to be activated
GENERAL NOTES: This module allows all buttons on a standard GE keypad to activated from a Crestron control system. This allows the GE keypad to be fully emulated for any of the 8 partitions available on the GE system.

Before using the keypad functions you must select a partition number using the PARTITION-* inputs. These selections can be either momentary or a 1 could be placed on a single partition to be controlled.

Note that for the police/fire/aux emergency buttons, you must hold the button down for approximately 1 second for the alarm to register.

Also note that you must use the GE Security Advent/Concord Processor module in conjunction with this module. You must attach the TO-ITI-PROCESSOR\$ output of this module to the FROM-PROGRAM\$ input of the GE Security Advent/Concord Processor module. It will format the string properly before sending to the GE system. It will also handle sending an acknowledgment to each command received from the GE system. It will also allow you to display the text feedback that would be displayed on the GE panel. That module will provide the text that would be displayed on keypads for all 8 available partitions, as well as the arming state of each partition and zone.

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:

PARTITION/AREA-*	D	Pulse or latch to select the partition/area to control
KEYPAD-*	D	Each function directly emulates the corresponding button on a standard GE keypad
KEYFOB-*	D	Each function emulates the corresponding function on an GE keyfob

FEEDBACK:

ITI-TX-PROCESSOR\$	S	Serial signal to be routed to the FROM-PROGRAM\$ input of the GE Advent Processor module
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.UPZ FILE USED FOR TESTING:	5.12.65x.upz
COMPILER USED FOR TESTING:	SimplWindows Version 12.00.25
SAMPLE PROGRAM:	ITI Advent Demo Program
REVISION HISTORY:	None