SIMPLWINDOWS NAME:	Gentner (Multiple Units) Presets
CATEGORY:	Conferencing
VERSION:	1.0
SUMMARY:	Allows activation of all 32 available presets
GENERAL NOTES:	The commands used for the XAP800/XAP400/PSR1212 mixer are similar to the commands used for the Gentner AP800/AP400. Therefore the same modules developed for the XAP800/XAP400/PSR1212 may work on other (past and future) Gentner products. To allow for this flexibility of use, you must specify which Gentner model is being controlled using the TYPE-ID-ASCII parameter field. Currently valid entries are a single digit from 1 to 7 with no suffix as shown below:

- For XAP400, use 7
- For XAP800, use 5
- For PSR1212, use 4
- For AP400, use 3
- For AP10, use 2
- For AP800, use 1

Multiple devices can be connected to the Gentner bus and controlled from a single RS232 port. Therefore, it is also necessary to enter the Unit ID of the device being controlled. This should be entered in the UNIT-ID-ASCII parameter field as a single digit number from 0-8 with no suffix.

This module provides three controls for each preset.

1. Execute the preset and set the state to on - use the PRESET-*-ON inputs
2. Set the preset state to off - use the PRESET-*-OFF inputs
3. Execute the preset and set the state to off - use the PRESET-*-ON/OFF inputs.

With these controls, multiple presets can be active at the same time, and can be turned on/off at will. This module is set up such that multiple inputs can be activated simultaneously, and all commands will be sent to the Gentner system.

CRESTRON HARDWARE REQUIRED:	CNXCOM, ST-COM
SETUP OF CRESTRON HARDWARE:	Baud Rate -38400 Parity - None Data Bits - 8 Stop Bits - 1 RTS and CTS Handshaking should be enabled to insure no data is lost.
VENDOR FIRMWARE:	PSR1212 - 1.0.3 XAP800 - 1.1.0 XAP400 - 1.0.1
VENDOR SETUP:	Flow control should be set to "on". The baud rate should be set to 38400.
CABLE NUMBER:	CNSP-141

CONTROL:

PRESET-*-ON	D	Pulse to execute a preset and set the state to on
PRESET-*-OFF	D	Pulse to set the preset state to off
PRESET-*-ON/OFF	D	Pulse to execute a preset and set the state to off
TYPE-ID-ASCII	P	Enter 4 for PSR1212, 5 for XAP800, 7 for XAP400
UNIT-ID-ASCII	P	Enter the unit number of the XAP800/XAP400/PSR1212. Should be a number from 0-8

FEEDBACK:

GENTNER-TX$	S	Serial signal to be routed to a 2-way RS232 port

OPS USED FOR TESTING:	5.12.26x
COMPILER USED FOR TESTING:	SimplWindows Version 1.61.12
SAMPLE PROGRAM:	Gentner XAP800/PSR1212 Demo Program
REVISION HISTORY:	None