

**SIMPLWINDOWS NAME:** Gentner XAP800/PSR1212 Presets  
**CATEGORY:** Conferencing  
**VERSION:** 1.0  
**SUMMARY:** Allows activation of all 32 available presets  
**GENERAL NOTES:**

The commands used for the XAP800/PSR1212 mixer are similar to the commands used for the Gentner AP800/AP400. Therefore the same modules developed for the XAP800/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 5 with no suffix as shown below:

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  
XAP-800 - 1.1.0

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

## **FEEDBACK:**

<b>GENTNER-TX\$</b>	S	Serial signal to be routed to a 2-way RS232 port
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<b>OPS USED FOR TESTING:</b>	5.12.26x
<b>COMPILER USED FOR TESTING:</b>	SimplWindows Version 1.61.12
<b>SAMPLE PROGRAM:</b>	Gentner XAP800/PSR1212 Demo Program
<b>REVISION HISTORY:</b>	None