

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 |
| 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 |
| UNIT-ID-ASCII | P | Enter the unit number of the XAP800/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 |