

SIMPLWINDOWS NAME: Gentner XAP800/PSR1212 Macros

CATEGORY: Conferencing

VERSION: 1.0

SUMMARY: Allows activation of any of 205 available macros on PSR1212, or any of 255 available macros on the XAP800

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 allows macros which have been previously programmed into the Gentner system to be triggered by the Crestron system. Use the MACRO-NUMBER input to set up the macro to execute using an Analog Initialize symbol. Then pulse the EXECUTE input to activate the macro.

Note that macros can be set up to allow multiple channels of volume to be controlled simultaneously. See the demo program for an example of how to do this.

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:

MACRO-NUMBER A Use an external Analog Initialize symbol to set up the macro number to be executed

EXECUTE D Pulse to execute the macro

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:

To_Device\$	S	Serial signal to be routed to a 2-way RS232 port
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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