

**SIMPLWINDOWS NAME:** ZPR6810

**CATEGORY:** Switcher

**VERSION:** 1.0

**SUMMARY:** Controls all functions of ZPR-6810 with real feedback.

**GENERAL NOTES:** None

**CRESTRON HARDWARE REQUIRED:** ST-COM, CNXCOM

**SETUP OF CRESTRON HARDWARE:** Tested and verified at the following settings:

Baud Rate - 9600  
Parity - None  
Data Bits - 8  
Stop Bits - 1

No handshaking

**VENDOR FIRMWARE:** Version 1500\_ZH  
The product incorporating this firmware is designated the MOD\_04.  
The first ZPR-6810 incorporating this firmware was serial number 10685.

**VENDOR SETUP:** Vendor setup cannot be changed.

**CABLE NUMBER:** CNSP-121

## CONTROL:

<b>OUTPUTX-SOURCEY</b>	D	Selects an input SOURCE(Y) for an output DESTINATION(X) where Y=1 to 8 and X=1 to 6
<b>OUTPUTX-VOL-UP</b>	D	Raises the volume level of the output(X)
<b>OUTPUTX-VOL-DN</b>	D	Lowers the volume level of the output(X)
<b>OUTPUTX-MUTE</b>	D	Toggles the mute status of the output(X)
<b>OUTPUTX-BASS-UP</b>	D	Raises the bass level of the output(X)
<b>OUTPUTX-BASS-DN</b>	D	Lowers the bass level of the output(X)
<b>OUTPUTX-TREBLE-UP</b>	D	Raises the treble level of the output(X)
<b>OUTPUTX-TREBLE-DN</b>	D	Lowers the treble level of the output(X)
<b>UPDATE-REAL-FEEDBACK</b>	D	Requests a feedback update from the ZPR-6810
<b>XANTECH-RX\$</b>	S	Serial data string to be routed from a CNXCOM, ST-COM, or CNXCOM

## FEEDBACK:

<b>OUTPUTX-SOURCEY-FB</b>	D	Feedback indicating which SOURCE(Y) is routed to an output DESTINATION(X) where Y=1 to 8 and X=1 to 6
<b>OUTPUTX-MUTE-FB</b>	D	Feedback for the mute status of the output(X) Due to firmware limitations, mute should be controlled by RS-232 ONLY and not by IR.
<b>OUTPUTX-BASS-MINUS</b>	D	Digital signal used to display a minus sign for bass output level
<b>OUTPUTX-TREBLE-MINUS</b>	D	Digital signal used to display a minus sign for treble output level

<b>UPDATE-BUSY</b>	D	Digital signal used to indicate that an update of real feedback from the ZPR-6810 is in progress. No new inputs to the module are accepted during an update
<b>OUTPUTX-VOLUME-AN</b>	A	Analog volume level for display to a touchpanel
<b>OUTPUTX-BASS-AN</b>	A	Analog bass level for display to a touchpanel
<b>OUTPUTX-TREBLE-AN</b>	A	Analog treble level for display to a touchpanel
<b>XANTECH-TX\$</b>	S	Serial data string to be routed to a CNXCOM, ST-COM, or CNXCOM

**OPS USED FOR TESTING:** 5.04.10x  
**COMPILER USED FOR TESTING:** SimplWindows Version 1.31.01  
**SAMPLE PROGRAM:** XANTEST1.SMW  
**REVISION HISTORY:** ZPR6810.umc - Original