

**SIMPLWINDOWS NAME:** Madrigal Proceed AVP

**CATEGORY:** PreAmp

**VERSION:** N/A

**SUMMARY:** This module provides full control and real feedback for the Madrigal Proceed AVP.

**GENERAL NOTES:** GENERAL NOTES: This module provides controls of the available functions for the Proceed AVP. Real feedback is provided. A serial string is also provided which shows the same information as the front panel of Proceed AVP.

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

**SETUP OF CRESTRON HARDWARE:** Baud Rate - 9600  
Parity - None  
Data Bits - 8  
Stop Bits - 1

**VENDOR FIRMWARE:** V3.13

**VENDOR SETUP:** This module was written with the CRC Check turned on. It was tested and appeared to work with the CRC Check turned off as well.

**CABLE NUMBER:** CNSP-614

## CONTROL:

<b>VCR-1</b>	D	Select VCR-1 as the active audio/video source
<b>DISC-1</b>	D	Select DISC-1 as the active audio/video source
<b>VCR-2/DISC-2</b>	D	Select VCR-2/DISC-2 as the active audio/video source
<b>TV/AUX</b>	D	Select TV/AUX as the active audio/video source
<b>SATELLITE</b>	D	Select SATELLITE as the active audio/video source
<b>NEXT-VIDEO-SOURCE</b>	D	Step through the video sources forward
<b>PREVIOUS-VIDEO-SOURCE</b>	D	Step through the video sources backward
<b>CD</b>	D	Select the CD as the active audio source
<b>TAPE</b>	D	Select the TAPE as the active audio source
<b>AUX</b>	D	Select the AUX as the active audio source
<b>TUNER</b>	D	Select the TUNER as the active audio source
<b>MORE</b>	D	Step through the more audio sources
<b>MORE-*</b>	D	Select the more input indicated by the *
<b>NEXT-AUDIO-SOURCE</b>	D	Step through all sources (any that have an audio input) forward
<b>PREVIOUS-AUDIO-SOURCE</b>	D	Step through all sources (any that have an audio input) backward
<b>MAIN</b>	D	Select the main zone to control
<b>REMOTE</b>	D	Select the remote zone to control
<b>BOTH</b>	D	Select main & remote zone to control(source select only)
<b>PATH</b>	D	Step through the three different paths above
<b>STANDBY-ON</b>	D	Put the AVP into standby
<b>STANDBY-OFF</b>	D	Take the AVP out of standby

<b>DISPLAY-INTENSITY</b>	D	Steps through the different intensity levels for the front display on the Proceed AVP
<b>RECALL</b>	D	This is the same as the recall button on the Proceed AVP
<b>MAIN-VOLUME-UP</b>	D	Increases the volume for the main zone
<b>MAIN-VOLUME-DOWN</b>	D	Decreases the volume for the main zone
<b>MAIN-VOLUME-MUTE-ON</b>	D	Turns the mute on for the main zone
<b>MAIN-VOLUME-MUTE-OFF</b>	D	Turns the mute off for the main zone
<b>MAIN-VOLUME-MUTE-TOGGLE</b>	D	Toggles the mute for the main zone
<b>REMOTE-VOLUME-UP</b>	D	Increases the volume for the remote zone
<b>REMOTE-VOLUME-DOWN</b>	D	Decreases the volume for the remote zone
<b>REMOTE-VOLUME-MUTE-ON</b>	D	Turns the mute on for the remote zone
<b>REMOTE-VOLUME-MUTE-OFF</b>	D	Turns the mute off for the remote zone
<b>REMOTE-VOLUME-MUTE-TOGGLE</b>	D	Toggles the mute for the remote zone
<b>BALANCE-LEFT</b>	D	Adjusts the balance toward the left
<b>BALANCE-RIGHT</b>	D	Adjusts the balance toward the right
<b>CENTER-UP</b>	D	Adjusts the center speaker output level
<b>CENTER-DOWN</b>	D	Adjusts the center speaker output level
<b>REAR-UP</b>	D	Adjusts the rear speaker output level
<b>REAR-DOWN</b>	D	Adjusts the rear speaker output level
<b>INPUT-LEVEL-UP</b>	D	Adjusts the level of the analog input up
<b>INPUT-LEVEL-DOWN</b>	D	Adjusts the level of the analog input down
<b>SUB-UP</b>	D	Adjusts the sub woofer output level
<b>SUB-DOWN</b>	D	Adjusts the sub woofer output level
<b>DELAY-UP</b>	D	Increases the delay time from the front to rear channels
<b>DELAY-DOWN</b>	D	Decreases the delay time from the front to rear channels
<b>FAVORITE-VOLUME-*</b>	D	Sets the volume level to the value stored in favorite *
<b>LATE-NIGHT-ON</b>	D	Turns late night compression on
<b>LATE-NIGHT-OFF</b>	D	Turns late night compression off
<b>LATE-NIGHT-TOGGLE</b>	D	Toggles the late night compression on and off
<b>SUB-WOOFER-TOGGLE</b>	D	Turns the sub woofer on and off
<b>DTS-FILM</b>	D	Selects the DTS-Film surround mode(not available with all input types)
<b>DTS-MUSIC</b>	D	Selects the DTS-Music surround mode(not available with all input types)
<b>DTS-THX</b>	D	Selects the DTS-THX surround mode(not available with all input types)
<b>MONO</b>	D	Selects the monaural mode without surround (not available with all input types)
<b>MONO-SURROUND</b>	D	Selects the monaural mode with surround(not available with all input types)
<b>PRO-LOGIC</b>	D	Selects the PRO-LOGIC surround mode without THX(not available with all input types)

<b>PRO-LOGIC-THX</b>	D	Selects the PRO-LOGIC surround mode with THX(not available with all input types)
<b>STEREO-SURROUND</b>	D	Selects the Stereo surround mode(not available with all input types)
<b>STEREO-2CH</b>	D	Selects the Stereo mode without surround(not available with all input types)
<b>THX-ON</b>	D	Turns the THX on(if available with that type of surround mode)
<b>THX-OFF</b>	D	Turns the THX off(if available with that type of surround mode)
<b>THX-TOGGLE</b>	D	Toggles the THX on and off(if available with that type of surround mode)
<b>SURROUND-MODE-STEP</b>	D	Steps through the different surround modes
<b>POLL-ENABLE</b>	D	Enable to allow polling. This will allow any changes made via the IR remote or the front panel of the unit to be reflected on the touch panel. When enabled this will poll every 10 seconds.
<b>PROCEED_RX\$</b>	S	Serial data string to be routed to a 2-way RS232 port.

## FEEDBACK:

<b>VCR-1-FB</b>	D	Real feedback for main zone VCR-1 as source
<b>DISC-1-FB</b>	D	Real feedback for main zone DISC-1 as source
<b>VCR-2/DISC-2-FB</b>	D	Real feedback for main zone VCR-2/DISC-2 as source
<b>TV/AUX-FB</b>	D	Real feedback for main zone TV/AUX as source
<b>SATELLITE-FB</b>	D	Real feedback for main zone SATELLITE as source
<b>CD-FB</b>	D	Real feedback for main zone CD as source
<b>TAPE-FB</b>	D	Real feedback for main zone TAPE as source
<b>AUX-FB</b>	D	Real feedback for main zone AUX as source
<b>TUNER-FB</b>	D	Real feedback for main zone TUNER as source
<b>MORE- *-FB</b>	D	Real feedback for main zone MORE * as source
<b>STANDBY-ON-FB</b>	D	Real feedback indicating that the unit is in standby
<b>DTS-FB</b>	D	Real feedback indicating that the DTS surround mode without THX is selected
<b>DTS-THX-FB</b>	D	Real feedback indicating that the DTS surround mode with THX is selected
<b>MONO-FB</b>	D	Real feedback indicating that the monaural mode without surround is selected
<b>MONO-SURROUND-FB</b>	D	Real feedback indicating that the monaural mode with surround is selected
<b>PRO-LOGIC-FB</b>	D	Real feedback indicating that the PRO-LOGIC surround mode without THX is selected
<b>PRO-LOGIC-THX-FB</b>	D	Real feedback indicating that the PRO-LOGIC surround mode with THX is selected
<b>STEREO-SURROUND-FB</b>	D	Real feedback indicating that the Stereo surround mode is selected
<b>STEREO-2CH-FB</b>	D	Real feedback indicating that the Stereo without surround mode is selected
<b>THX-ON-FB</b>	D	Real feedback indicating that THX is on
<b>SUB-ON-FB</b>	D	Real feedback indicating that the sub woofer

		is on
<b>SUB-OFF-FB</b>	D	Real feedback indicating that the sub woofer is off
<b>REMOTE-VCR-1-FB</b>	D	Real feedback for remote zone VCR-1 as source
<b>REMOTE-DISC-1-FB</b>	D	Real feedback for remote zone DISC-1 as source
<b>REMOTE-VCR-2/DISC-2-FB</b>	D	Real feedback for remote zone VCR-2/DISC-2 as source
<b>REMOTE-TV/AUX-FB</b>	D	Real feedback for remote zone TV/AUX as source
<b>REMOTE-SATELLITE-FB</b>	D	Real feedback for remote zone SATELLITE as source
<b>REMOTE-CD-FB</b>	D	Real feedback for remote zone CD as source
<b>REMOTE-TAPE-FB</b>	D	Real feedback for remote zone TAPE as source
<b>REMOTE-AUX-FB</b>	D	Real feedback for remote zone AUX as source
<b>REMOTE-TUNER-FB</b>	D	Real feedback for remote zone TUNER as source
<b>REMOTE-MORE-* -FB</b>	D	Real feedback for remote zone MORE * as source
<b>MAIN-VOLUME-BAR</b>	A	Real feedback of the volume level for the main zone. Can be routed to a bar graph
<b>REMOTE-VOLUME-BAR</b>	A	Real feedback of the volume level for the remote zone. Can be routed to a bar graph
<b>MAIN-VOLUME-TEXT\$</b>	S	Text representation of the main volume level
<b>REMOTE-VOLUME-TEXT\$</b>	S	Text representation of the remote volume level
<b>PANEL\$</b>	S	Text string that is identical to the front panel read out
<b>PROCEED_TX\$</b>	S	Serial data string to be routed to a 2-way RS232 port.

**.UPZ FILE USED FOR TESTING:** 5.12.26x.upz  
**COMPILER USED FOR TESTING:** SimplWindows Version 1.52.01  
**SAMPLE PROGRAM:** Madrigal AVP 30 Demo.smw  
**REVISION HISTORY:** None