

**SIMPLWINDOWS NAME:** Madrigal Proceed AVP2

**CATEGORY:** PreAmp

**VERSION:** 1.0

**SUMMARY:** This module provides full control and real feedback for the Madrigal Proceed AVP2.

**GENERAL NOTES:** This module provides controls of the available functions for the AVP2. Real feedback is provided.

**CRESTRON HARDWARE REQUIRED:** CNXCOM-2  
ST-COM  
CNXCOM  
C2COM

**SETUP OF CRESTRON HARDWARE:** Baud Rate - 38400  
Parity - None  
Data Bits - 8  
Stop Bits - 1

**VENDOR FIRMWARE:** None

**VENDOR SETUP:** None

**CABLE NUMBER:** CNSP-614

## CONTROL:

<b>Power_On/Off/Toggle</b>	D	Pulse to turn the AVP2 on or off.
<b>Main_Aux/CD/Tape/Tuner</b>	D	Pulse to select main the audio source.
<b>Next_Main_Audio_Source</b>	D	Pulse to step to the next main audio source.
<b>Previous_Main_Audio_Source</b>	D	Pulse to step to the previous main audio source.
<b>Main_*</b>	D	Pulse to select the main video source.
<b>Next_Main_Video_Source</b>	D	Pulse to step to the next main video source.
<b>Previous_Main_Video_Source</b>	D	Pulse to step to the previous main video source.
<b>Main_Aux_*</b>	D	Pulse to select the main more aux source.
<b>Next_Main_Aux_Input</b>	D	Pulse to step to the next main more aux source.
<b>Stereo_2_Channel</b>	D	Pulse to select the 2 Channel Stereo mode.
<b>Mono_Center</b>	D	Pulse to select the Mono mode centers only.
<b>Mono_Fronts</b>	D	Pulse to select the Mono mode fronts only.
<b>Mono_Surround</b>	D	Pulse to select the Mono Surround mode.
<b>Pro_Logic_II_Music</b>	D	Pulse to select the Pro Logic II Music mode.
<b>Pro_Logic_II_Movie</b>	D	Pulse to select the Pro Logic II Movie mode.
<b>Pro_Logic_II_Movie_THX</b>	D	Pulse to select the Pro Logic II Movie + THX mode.

<b>Pro_Logic</b>	D	Pulse to select the Pro Logic mode.
<b>Pro_Logic_THX</b>	D	Pulse to select the Pro Logic + THX mode.
<b>Stereo_Surround</b>	D	Pulse to select the Stereo Surround mode.
<b>Next_Surround</b>	D	Pulse to step to the next surround mode.
<b>Dual_Drive_Toggle</b>	D	Pulse to toggle the speaker dual drive on and off.
<b>Lat_Night_On/Off/Toggle</b>	D	Pulse to turn the late night compression on and off.
<b>THX_On/Off</b>	D	Pulse to turn the THX on and off.
<b>Sub_On/Off/Toggle</b>	D	Pulse to turn the sub woofer on and off.
<b>Recall</b>	D	Pulse to recall the factory defaults.
<b>Balance_Left/Right</b>	D	Press and hold to adjust the balance.
<b>Center_Up/Down</b>	D	Press and hold to adjust the center.
<b>Delay_Up/Down</b>	D	Press and hold to adjust the delay.
<b>Input_Level_Up/Down</b>	D	Press and hold to adjust the input level.
<b>Rear_Up/Down</b>	D	Press and hold to adjust the rear.
<b>Sub_Up/Down</b>	D	Press and hold to adjust the sub.
<b>Main_Volume_Up/Down</b>	D	Press and hold to adjust the main volume.
<b>Main_Volume_Mute_On/Off/Toggle</b>	D	Pulse to mute or unmute the main volume.
<b>Set_keys_to_*</b>	D	Pulse to make the Key_Up/Down operate the selected function.
<b>Menu</b>	D	Pulse to turn the menu on.
<b>Enter</b>	D	Pulse to select an item in the menu.
<b>Key_Up/Down</b>	D	Pulse to move around in the menu or press and hold to adjust the function.
<b>Display_Intensity</b>	D	Pulse to step through the AVP2 front panel display intensity.
<b>Favorite_Volume_*</b>	D	Pulse to select the favorite volume level.
<b>Remote_Aux/CD/Tape/Tuner</b>	D	Pulse to select remote the audio source.
<b>Next_Remote_Audio_Source</b>	D	Pulse to step to the next remote audio source.
<b>Previous_Remote_Audio_Source</b>	D	Pulse to step to the previous remote audio source.
<b>Remote_*</b>	D	Pulse to select the remote video source.

<b>Next_Remote_Video_Source</b>	D	Pulse to step to the next remote video source.
<b>Previous_Remote_Video_Source</b>	D	Pulse to step to the previous remote video source.
<b>Remote_Aux_*</b>	D	Pulse to select the remote more aux source.
<b>Next_Remote_Aux_Input</b>	D	Pulse to step to the next remote more aux source.
<b>Remote_Volume_Up/Down</b>	D	Press and hold to adjust the remote volume.
<b>Remote_Volume_Mute_On/Off/Toggle</b>	D	Pulse to mute or unmute the remote volume.
<b>Both_Aux/CD/Tape/Tuner</b>	D	Pulse to select the audio source for both the main and remote zones.
<b>Next_Both_Audio_Source</b>	D	Pulse to step to the next audio source for both the main and remote zones.
<b>Previous_Both_Audio_Source</b>	D	Pulse to step to the previous audio source for both the main and remote zones.
<b>Both_*</b>	D	Pulse to select the video source for both the main and remote zones.
<b>Next_Both_Video_Source</b>	D	Pulse to step to the next video source for both the main and remote zones.
<b>Previous_Both_Video_Source</b>	D	Pulse to step to the previous video source for both the main and remote zones.
<b>Both_Aux_*</b>	D	Pulse to select the more aux source for both the main and remote zones.
<b>Next_Both_Aux_Input</b>	D	Pulse to step to the next more aux source for both the main and remote zones.
<b>From_Device\$</b>	S	Serial data string to be routed to a 2-way RS232 port.

## FEEDBACK:

<b>Power_On/Off/_Fb</b>	D	High to indicate the power state.
<b>Main_Aux/CD/Tape/Tuner_Fb</b>	D	High to indicate the current audio source for the main zone.
<b>Main_*_Fb</b>	D	High to indicate the current video source for the main zone.
<b>Main_Aux_*_Fb</b>	D	High to indicate the current more aux source for the main zone.
<b>Stereo_2_Channel_Fb</b>	D	High to indicate that the 2 Channel Stereo mode is selected.
<b>Mono_Center_Fb</b>	D	High to indicate that the Mono Center mode is selected.

<b>Mono_Fronts_Fb</b>	D	High to indicate that the Mono Fronts mode is selected.
<b>Mono_Surround_Fb</b>	D	High to indicate that the Mono Surround mode is selected.
<b>Pro_Logic_II_Music_Fb</b>	D	High to indicate that the Pro Logic II Music mode is selected.
<b>Pro_Logic_II_Movie_Fb</b>	D	High to indicate that the Pro Logic II Movie mode is selected.
<b>Pro_Logic_II_Movie_THX_Fb</b>	D	High to indicate that the Pro Logic II Movie + THX mode is selected.
<b>Pro_Logic_Fb</b>	D	High to indicate that the Pro Logic mode is selected.
<b>Pro_Logic_THX_Fb</b>	D	High to indicate that the Pro Logic + THX mode is selected.
<b>Stereo_Surround_Fb</b>	D	High to indicate that the Stereo Surround mode is selected.
<b>THX_On_Fb</b>	D	High to indicate that the THX is active.
<b>Sub_On/Off_Fb</b>	D	High to indicate that the sub woofer is on or off.
<b>Main_Volume_Level</b>	A	Main volume level to be routed to a bar graph on a touch panel.
<b>Set_Keys_to_*_Fb</b>	D	High to indicate which function the Key_Up/Down will control.
<b>Remote_Aux/CD/Tape/Tuner_Fb</b>	D	High to indicate the current audio source for the remote zone.
<b>Remote_*_Fb</b>	D	High to indicate the current video source for the remote zone.
<b>Remote_Aux_*_Fb</b>	D	High to indicate the current more aux source for the remote zone.
<b>Remote_Volume_Level</b>	A	Main volume level to be routed to a bar graph on a touch panel.
<b>To_Device\$</b>	S	Serial data string to be routed to a 2-way RS232 port.

**OPS USED FOR TESTING:** Version 5.12.63x  
**COMPILER USED FOR TESTING:** SimplWindows Ver 2.03.18  
**SAMPLE PROGRAM:** Madrigal AVP2Demo.smw  
**REVISION HISTORY:** None