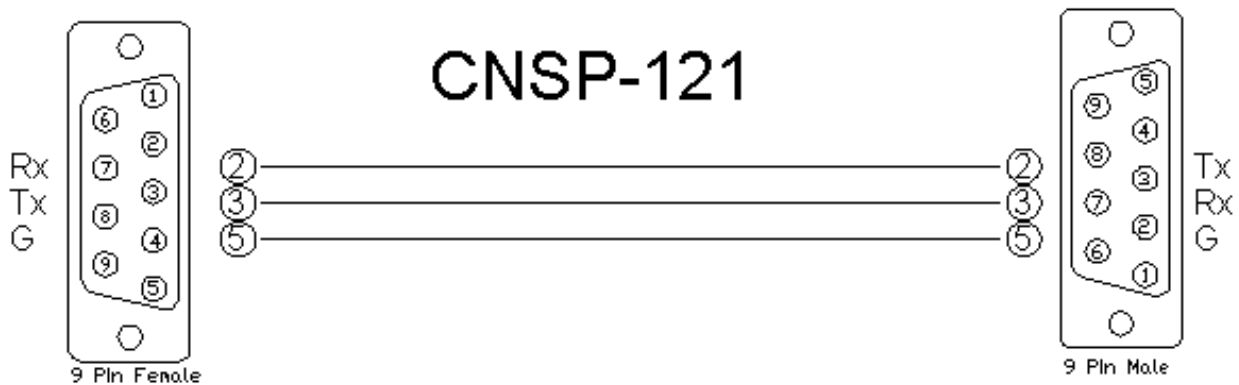


Partner: JBL
Model: AV-1
Device Type: Audio Processor


GENERAL INFORMATION

SIMPLWINDOWS NAME:	JBL AV-1
CATEGORY:	Receiver/Processor
VERSION:	1.0
SUMMARY:	This module provides control and true feedback for the JBL AV-1.
GENERAL NOTES:	This module controls the JBL AV-1. It also provides true feedback. The Initialize input should be pulsed to enable the AV-1 to notify the Crestron system of changes. This only needs to be done once at start up.
CRESTRON HARDWARE REQUIRED:	CNX-COM6, CNX-COM2, C2COM-1, C2COM-2/3, ST-COM
SETUP OF CRESTRON HARDWARE:	RS232 Baud: 19200 Parity: Odd Data Bits: 8 Stop Bits: 1
VENDOR FIRMWARE:	1.00
VENDOR SETUP:	None
CABLE DIAGRAM:	CNSP-121



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**CONTROL:**

Initialize	D	Pulse to initiate communications with the JBL.
Power_On/Off	D	Pulse to turn the JBL on and off.
Input_	D	Pulse to select the desired input.
Volume_Up/Down	D	Press and hold to adjust the volume.
Volume_Mute_On/Off/Toggle	D	Pulse to turn the volume mute on and off.
Surround_Mode_*	D	Pulse to select the desired surround mode.
Next/Previous_Surround_Mode	D	Pulse to cycle to next or previous surround mode.
From_Device\$	S	Serial signal to be routed from a 2-way serial com port.

FEEDBACK:

Power_is_On/Off	D	High to indicate the current state for power.
Input_is_*	D	High to indicate the currently selected input.
Volume_Level	A	Analog signal indicating the current volume level. To be displayed using a bar graph on a touch panel.
Volume_Mute_is_On/Off	D	High to indicate the current volume mute state.
Surround_Mode_is_*	D	High to indicate the currently selected surround mode.
Display_Line_*_Text	S	Serial signal indicating the text displayed on the front panel of the AV-1.
To_Device\$	S	Serial signal to be routed to a 2-way serial com port.

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**TESTING:**

OPS USED FOR TESTING:	3.155.1240
SIMPL WINDOWS USED FOR TESTING:	2.08.44
CRES DB USED FOR TESTING:	18.9.1
SYMBOL LIBRARY USED FOR TESTING:	508
SAMPLE PROGRAM:	JBL AV-1 Demo
REVISION HISTORY:	V. 1.0 – Original release.