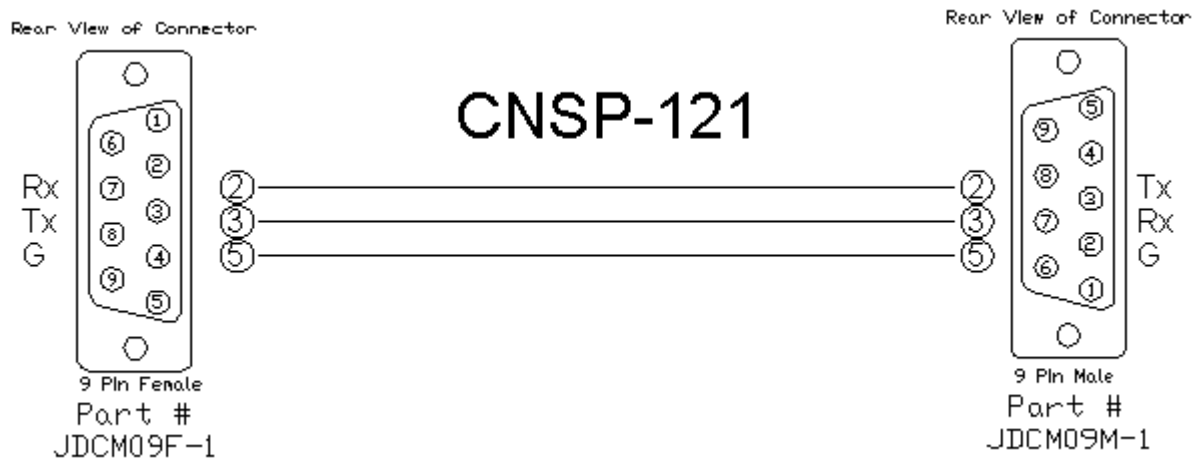


Partner: PS Audio
 Model: PowerPlay 9000
 Device Type: Power Conditioner



GENERAL INFORMATION

SIMPLWINDOWS NAME:	PSAudioPowerPlay9000
CATEGORY:	Miscellaneous
VERSION:	V1.0
SUMMARY:	This module provides basic control and true feedback for the PS Audio Powerplay 9000 unit
GENERAL NOTES:	This module can independently control each of the ten zone outputs and report feedback from the main unit. The Poll_Enable input must have a high signal on it (1) for polling to occur. Polling will be done once every thirty seconds.
CRESTRON HARDWARE REQUIRED:	C2COM, ST-COM, C2-COM2, C2COM-3
SETUP OF CRESTRON HARDWARE:	RS232 Baud: 19200 Parity: None Data Bits: 8 Stop Bits: 1
VENDOR FIRMWARE:	None
VENDOR SETUP:	Insure that the appropriate memory card is installed in the unit.
CABLE DIAGRAM:	CNSP-121



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CONTROL:

Master Power On/Off	D	Pulse to change power state
Master Power Reboot	D	Pulse to reboot the unit
Front Panel Dim/Bright/Off	D	Pulse respective signal to change front panel brightness
Front Panel Lock/Unlock	D	Pulse to enable/disable controls from the front panel of the unit
Zone_*_On/Off	D	Pulse to change power state of respective zone (1 through 10)
Zone_*_Reboot	D	Pulse to reboot respective zone output (1 through 10)
Zone_*_Delay_Mode_Always_On	D	Pulse to change power mode of Zone * to always on
Zone_*_Delay_Mode_Switched	D	Pulse to change delay mode of Zone * to switched
Zone_*_Delay_Mode_Delayed	D	Pulse to change delay mode of Zone * to delayed
Zone_*_Delay_Mode_Programmed	D	Pulse to change delay mode of Zone * to programmed
Zone_*_Delay_Mode_Reboot	D	Pulse to change delay mode of Zone * to reboot
Zone_*_Delay_Mode_Auto_Reboot	D	Pulse to change delay mode of Zone * to auto reboot
Zone_*_Priority_Level_Low	D	Pulse change the priority level of Zone * to low
Zone_*_Priority_Level_Normal	D	Pulse change the priority level of Zone * to normal
Zone_*_Priority_Level_Critical	D	Pulse change the priority level of Zone * to critical
Query_For_Status	D	Requests status update (any command press will query as well, can be tied to an external oscillator)
From_Device\$	S	Serial signal to be routed from a 2-way serial com port.

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FEEDBACK:

Powerplay_Name\$	S	Displays the current name of the unit
Master_Power_On/Off_FB	D	High to indicate the current power state of the chassis
Front_Panel_Lock/Unlock_FB	D	High to indicate the current status of the front panel controls
Front Panel Dim/Bright/Off_FB	D	High to indicate the current status of the front panel brightness
Unit_Time_Delay_On/Off	A	Displays the time delay before the unit turns on /off
Incoming_Voltage	A	Displays the incoming voltage level
Watts_Used	A	Displays the current number of watts used by connected devices
THD	A	Displays the current amount of harmonic distortion
Product_Voltage	A	Displays the defined voltage specification for this model
Product_Type\$	S	Displays the manufacturer's product type
Model_Number\$	S	Displays the manufacturer's model number
UPS_Status\$	S	Displays the current UPS status (if UPS is connected)
Operating_Temperature\$	S	Displays the current temperature of the unit (if sensor is present)
Protection_Status\$	S	Displays the current status of the varistor protection devices
Zone_*_Name\$	S	Displays the current name of the zone
Zone_*_On/Off_FB	D	High to indicate the current power status of respective zone (1 through 10)
Zone_*_Delay_Mode_Always_On_FB	D	High to indicate the delay of mode of Zone * is always on
Zone_*_Delay_Mode_Switched_FB	D	High to indicate the delay mode of Zone * is switched
Zone_*_Delay_Mode_Delayed_FB	D	High to indicate the delay mode of Zone * is delayed
Zone_*_Delay_Mode_Programmed_FB	D	High to indicate the delay mode of Zone * is programmed
Zone_*_Delay_Mode_Reboot_FB	D	High to indicate the delay mode of Zone * is reboot
Zone_*_Delay_Mode_Auto_Reboot_FB	D	High to indicate the delay mode of Zone * is auto reboot

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FEEDBACK (CONTINUED):

Zone_*_Priority_Level_Low_FB	D	High to indicate the priority level of Zone * to low
Zone_*_Priority_Level_Normal_FB	D	High to indicate the priority level of Zone * to normal
Zone_*_Priority_Level_Critical_FB	D	High to indicate the priority level of Zone * to critical
Zone_*_Time_On/Off_Delay	A	Displays the time delay before Zone * turns on /off
Query_In_Progress	D	High to indicate that a system update is in progress
To_Device\$	S	Serial signal to be routed to a 2-way serial com port.

TESTING:

OPS USED FOR TESTING:	PRO2: 4.001.1012
SIMPL WINDOWS USED FOR TESTING:	2.12.44
CRES DB USED FOR TESTING:	22.05.013.00
DEVICE DATABASE:	30.00.011.00
SYMBOL LIBRARY USED FOR TESTING:	679
SAMPLE PROGRAM:	PSAudioPowerPlay9000 v1.0 Demo
REVISION HISTORY:	V 1.0