CRESTRON

Certified Module

Partner: Nigel
Model: Plus Series
Device Type: Amplifier

CERTIFIED
CRESTRON
Integrated Partner

GENERAL INFORMATION

SIMPLWINDOWS NAME:	Nigel Amplifier
CATEGORY:	Receiver/Processor
VERSION:	V1.0
SUMMARY:	This provides control and feedback for the Nigel Plus Series amplifiers.
GENERAL NOTES:	This module provides control and feedback for the Nigel Plus Series amplifiers.
CRESTRON HARDWARE REQUIRED:	C2-COMI, C2-COM2, C2-COM3, ST-COM
SETUP OF CRESTRON HARDWARE:	RS232 Baud: 9600 Parity: N Data Bits: 8 Stop Bits: 1
VENDOR FIRMWARE:	N/A
VENDOR SETUP:	None
CABLE DIAGRAM:	CNSP-121

CNSP-121

Rx Tx G
9 Pin Female

Tx Rx G
9 Pin Male
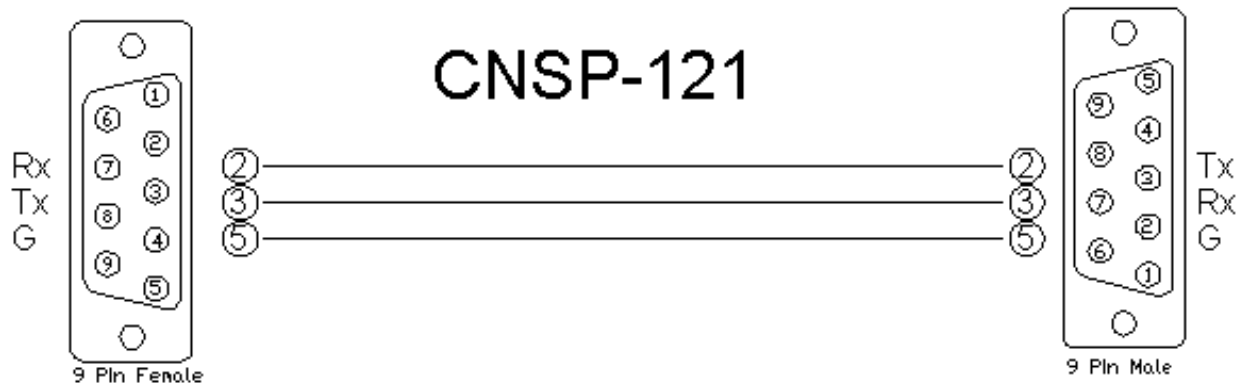
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CONTROL:

Left/Right_Up/Down	D	Press and hold to adjust the volume level.
Both_Up/Down	D	Press and hold to adjust the volume level for both channels. The level will be adjusted from its current value.
Both_Mute_On/Off/Toggle	D	This will mute the volume on both channels.
Balance_Left/Right	D	Press and hold to adjust the volume levels toward one channel or the other. This will reduce the level in the opposite channel.
Get_Initial_Status	D	Pulse to get the status of the amplifier. This is only needed at start up to get the Crestron in sync with the Nigel amplifier.
From_Device$	S	Serial signal to be routed from a 2-way serial com port.

FEEDBACK:

Left/Right_Channel_Level_Bar	A	Analog value representing the current volume level. To be displayed using a bar graph.
Both_Mute_On/Off_Fb	D	High to indicate the current mute state of the amplifier. This is a true mute.
To_Device$	S	Serial signal to be routed to a 2-way serial com port.

TESTING:

OPS USED FOR TESTING:	3.137
SIMPL WINDOWS USED FOR TESTING:	2.07.24
CRES DB USED FOR TESTING:	18.0.8
SYMBOL LIBRARY USED FOR TESTING:	381
SAMPLE PROGRAM:	Nigel Amplifier Demo
REVISION HISTORY:	V. 1.0

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