Partner: ClearOne
Model: Converge
Device Type: Conferencing

GENERAL INFORMATION

SIMPLWINDOWS NAME:	ClearOne Converge (Multiple Units) Presets v1.3
CATEGORY:	Conferencing
VERSION:	1.3
SUMMARY:	Allows control of all 32 available presets
GENERAL NOTES:	To allow for this flexibility of use, you must specify which ClearOne model is being controlled using the TYPE-ID-ASCII parameter field. Currently valid entries are a single value (1, 2, 3, A, D, G, H, I or E) with no suffix as shown below: For Converge 880, use 1 For Converge TH20, use 2 For Converge 840T, use 3 For Converge 8i, use A For Converge 880T, use D For Converge SR1212, use G For Converge 880TA, use H For Converge SR1212A, use I For Converge VH20, use E Multiple devices can be connected to the ClearOne bus and controlled from a single RS232 port. Therefore, it is also necessary to enter the Unit ID of the device being controlled. This should be entered in the UNIT-ID-ASCII parameter field as a single digit number from 0-F with no suffix. This module provides three controls for each preset. 1. Execute the preset and set the state to on - use the PRESET-*-ON inputs 2. Set the preset state to off - use the PRESET-*-OFF inputs 3. Execute the preset and set the state to off - use the PRESET-*-ON/OFF inputs. With these controls, multiple presets can be active at the same time, and can be turned on/off at will. This module is set up such that multiple inputs can be activated simultaneously, and all commands will be sent to the ClearOne system. Note that this has only been tested with the ClearOne Converge 840T and VH20 as of this release.
CRESTRON HARDWARE REQUIRED:	CNX-COM2, ST-COM, 2-Series Processor, C2COM3

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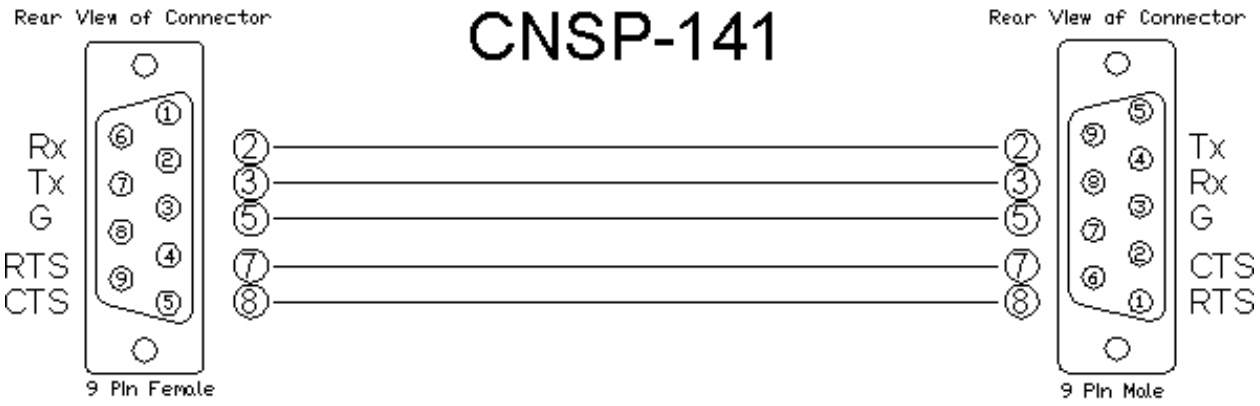
SETUP OF CRESTRON HARDWARE:	RS232 Baud: 57600 Parity: N Data Bits: 8 Stop Bits: 1 RTS/CTS Handshaking should be enabled to insure no data is lost.
VENDOR FIRMWARE:	3.0.1.0
VENDOR SETUP:	Flow control should be set to "on". The baud rate should be set to 57600.
CABLE DIAGRAM:	CNSP-141



CONTROL:

PRESET-*-ON	D	Pulse to execute a preset and set the state to on.
PRESET-*-OFF	D	Pulse to set the preset state to off.
PRESET-*-ON/OFF	D	Pulse to execute a preset and set the state to off.

FEEDBACK:

To_Device$	S	Serial signal to be routed to a 2-way RS232 port

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PARAMETERS:

TYPE-ID-ASCII	S	Enter 1 for 880, 2 for TH20, 3 for 840T, A for 8i, D for 880T, G for SR1212 or E for VH20.
UNIT-ID-ASCII	S	Enter the unit number of the ClearOne Converge unit being controlled. Should be a number from 0-F.

TESTING:

OPS USED FOR TESTING:	v4.001.1012
SIMPL WINDOWS USED FOR TESTING:	v2.11.27
DEVICE DB USED FOR TESTING:	v26.00.005.00
CRES DB USED FOR TESTING:	v21.02.016.00
SYMBOL LIBRARY USED FOR TESTING:	v648
SAMPLE PROGRAM:	ClearOne Converge Series Demo PRO2.smw
REVISION HISTORY:	v1.0 - Initial release v1.1 - Added Type-ID parameter values for TH20, 8i, 880T and SR1212 v1.2 - Added Type-ID parameter values for 880TA and SR1212A v1.3 - Added Type-ID parameter values for VH20.

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