

**Partner: ClearOne**  
**Model: Converge**  
**Device Type: Conferencing**



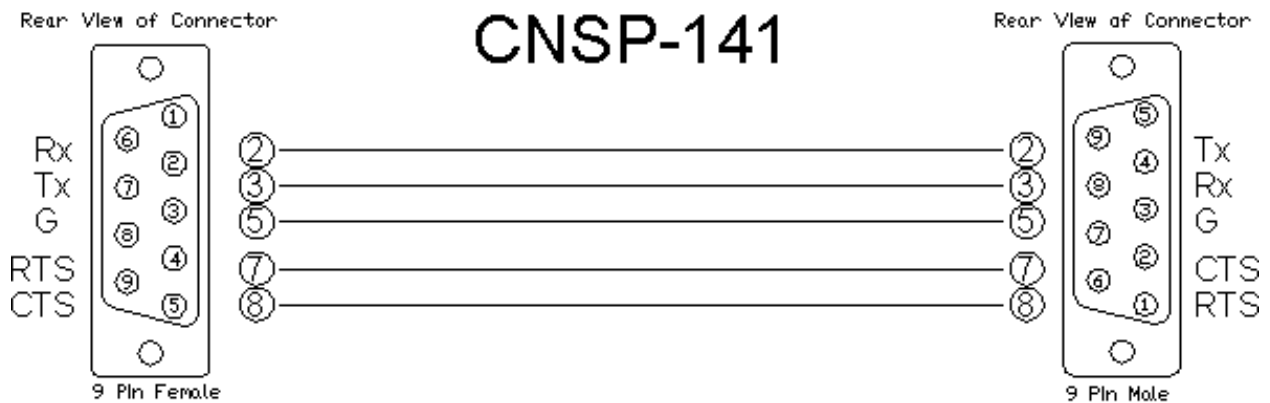
## GENERAL INFORMATION

<b>SIMPLWINDOWS NAME:</b>	ClearOne Converge (Multiple Units) Presets v1.7
<b>CATEGORY:</b>	Conferencing
<b>VERSION:</b>	1.7
<b>SUMMARY:</b>	Allows control of all 32 available presets
<b>GENERAL NOTES:</b>	<p>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:</p> <p>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</p> <p>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.</p> <p>This module provides three controls for each preset.</p> <ol style="list-style-type: none"><li>1. Execute the preset and set the state to on - use the PRESET-*-ON inputs</li><li>2. Set the preset state to off - use the PRESET-*-OFF inputs</li><li>3. Execute the preset and set the state to off - use the PRESET-*-ON/OFF inputs.</li></ol> <p>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.</p> <p>Note that this has only been tested with the ClearOne Converge 840T and VH20 as of this release.</p>
<b>CRESTRON HARDWARE REQUIRED:</b>	CNX-COM2, ST-COM, 2-Series Processor, C2COM3

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<b>SETUP OF CRESTRON HARDWARE:</b>	RS232 Baud: 57600 Parity: N Data Bits: 8 Stop Bits: 1 RTS/CTS Handshaking should be enabled to insure no data is lost.
<b>VENDOR FIRMWARE:</b>	4.0.0.2.4
<b>VENDOR SETUP:</b>	Flow control should be set to "on". The baud rate should be set to 57600.
<b>CABLE DIAGRAM:</b>	CNSP-141



### CONTROL:

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

### FEEDBACK:

<b>To_Device\$</b>	S	Serial signal to be routed to a 2-way RS232 port
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**PARAMETERS:**

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

**TESTING:**

<b>OPS USED FOR TESTING:</b>	PRO2 v4.007.0004 CP3 v1.008.0040
<b>SIMPL WINDOWS USED FOR TESTING:</b>	v4.02.38.00
<b>DEVICE DB USED FOR TESTING:</b>	v55.00.002.00
<b>CRES DB USED FOR TESTING:</b>	v44.05.005.00
<b>SYMBOL LIBRARY USED FOR TESTING:</b>	v508
<b>SAMPLE PROGRAM:</b>	ClearOne Converge Series Demo v1.7 PRO2.smw ClearOne Converge Series Demo v1.7 CP3.smw
<b>REVISION HISTORY:</b>	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. v1.7 – Added support for later model 3-Series processors and matched all revisions to v1.7