Partner: ClearOne
Model: Converge
Device Type: Conferencing
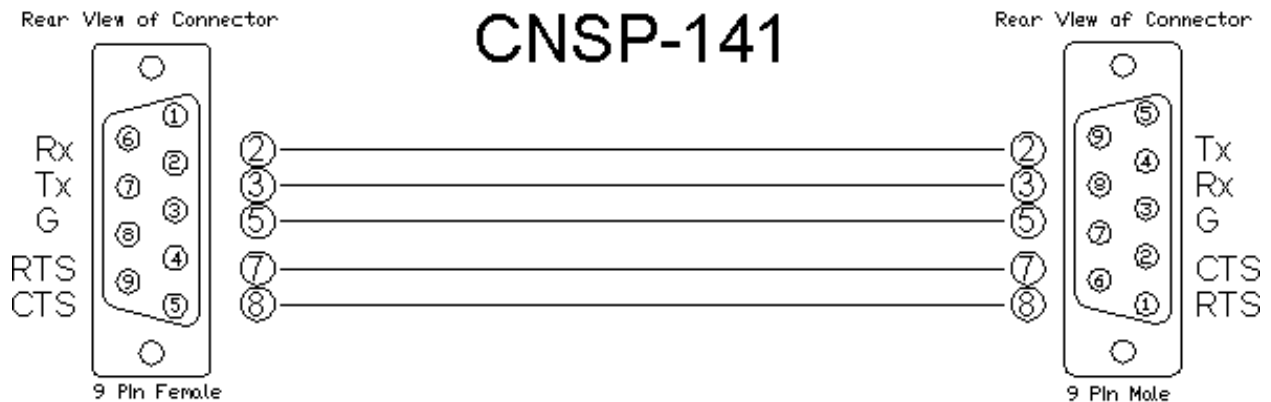
GENERAL INFORMATION

SIMPLWINDOWS NAME:	ClearOne Converge (Multiple Units) Macros v1.7
CATEGORY:	Conferencing
VERSION:	1.7
SUMMARY:	Allows activation of any of 255 available macros on the Converge series.
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 allows macros which have been previously programmed into the ClearOne system to be triggered by the Crestron system. Use the MACRO-NUMBER input to set up the macro to execute using an Analog Initialize symbol. Then pulse the EXECUTE input to activate the macro. Note that macros can be set up to allow multiple channels of volume to be controlled simultaneously. See the demo program for an example of how to do this. 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
SETUP OF CRESTRON HARDWARE:	RS232 Baud: 57600 Parity: N Data Bits: 8

CRESTRON

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	Stop Bits: 1
	RTS/CTS Handshaking should be enabled to insure no data is lost.
VENDOR FIRMWARE:	4.0.0.2.4
VENDOR SETUP:	Flow control should be set to "on". The baud rate should be set to 57600.
CABLE DIAGRAM:	CNSP-141

CNSP-141

Rear View of Connector

Rx
Tx
G

RTS
CTS

9 Pin Female

Rear View of Connector

Tx
Rx
G

CTS
RTS

9 Pin Male

CONTROL:

MACRO-NUMBER	A	Use an external Analog Initialize symbol to set up the macro number to be executed.
EXECUTE	D	Pulse to execute the macro.

FEEDBACK:

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

PARAMETERS:

TYPE-ID-ASCII	S	Enter 1 for 880, 2 for TH20, 3 for 840T, A for 8i, D for 880T, G for SR1212, H for 880TA, I for SR1212A 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:	PRO2 v4.007.0004 CP3 v1.008.0040
SIMPL WINDOWS USED FOR TESTING:	v4.02.38.00
DEVICE DB USED FOR TESTING:	v55.00.002.00
CRES DB USED FOR TESTING:	v44.05.005.00
SYMBOL LIBRARY USED FOR TESTING:	v508
SAMPLE PROGRAM:	ClearOne Converge Series Demo v1.7 PRO2.smw ClearOne Converge Series Demo v1.7 CP3.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 TH20, 8i, 880T and SR1212. v1.3 – Added Type-ID parameter values for 880TA and SR1212A. v1.4 – Added Type-ID parameter values for VH20. v1.7 – Added support for later model 3-Series processors and matched all revisions to v1.7

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