

Partner: ClearOne
Model: Converge
Device Type: Conferencing



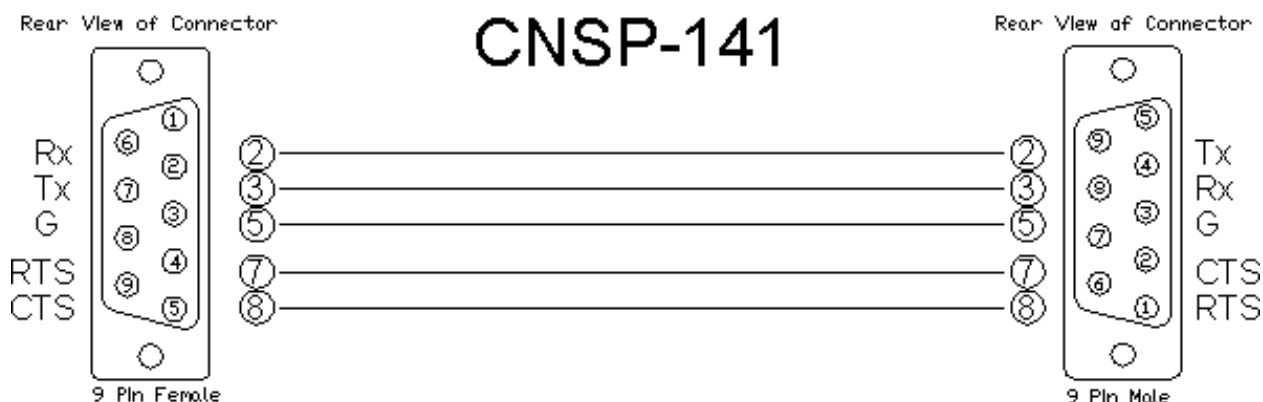
GENERAL INFORMATION

SIMPLWINDOWS NAME:	ClearOne Converge (Multiple Units) Gating Controls v1.3
CATEGORY:	Conferencing
VERSION:	1.3
SUMMARY:	Allows selection of a gating group and adjustment of settings within the group
GENERAL NOTES:	<p>To allow for this flexibility of use, you must specify which ClearOne model is being controlled using the TYPE-ID-ASCII and TYPE-ID-HEX parameter fields. Currently valid entries are a single value (1, 3, A, D, G, H or I and 31, 33, 41, 44, 47, 48 or 49) with no suffix as shown below:</p> <p>For Converge 880, use 1 and 31 For Converge 840T, use 3 and 33 For Converge 8i, use A and 41 For Converge 880T, use D and 44 For Converge SR1212, use G and 47 For Converge 880TA, use H and 48 For Converge SR1212A, use I and 49</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 0-7 with no suffix.</p> <p>This module allows any of gating groups 1-4 and A-D to be selected, and the following parameters to be adjusted for each</p> <ol style="list-style-type: none">1. First Mic Priority2. Maximum Number of Mics3. Last Mic On <p>In addition, this module allows you to request the current gate status, to allow you to detect which mics are currently gated on. The current gating status is requested by pulsing the REQ-GATE-STATUS input.</p> <p>When a new Gating Group is selected using the GROUP-* inputs, the current settings will be automatically requested for that group, and updated on the outputs of the module.</p>
CRESTRON HARDWARE REQUIRED:	CNX-COM2, ST-COM, 2-Series Processor, C2COM3
SETUP OF CRESTRON HARDWARE:	RS232

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	Baud: 57600 Parity: N Data Bits: 8 Stop Bits: 1 RTS/CTS Handshaking should be enabled to insure no data is lost.
VENDOR FIRMWARE:	2.0.28
VENDOR SETUP:	Flow control should be set to "on". The baud rate should be set to 57600.
CABLE DIAGRAM:	CNSP-141



CONTROL:

GROUP-*	D	Pulse to select which gating group to view/adjust.
MAX-MICS-*	D	Pulse to set the number of Maximum Number of Microphones.
FIRST-MIC-PRIORITY-*	D	Pulse to enable/disable/toggle the First Mic Priority mode.
LAST-MIC-MODE-*	D	Pulse to set up the Last Mic On Mode.
REQ-GATE-STATUS	D	Pulse to request the mics which are currently gated on.
FROM-CLEARONE-PROCESSOR\$	S	Serial feedback from the ClearOne Converge Feedback Processor module.

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**FEEDBACK:**

GROUP-*-FB	D	Indicates which gating group was last selected.
MAX-MICS-*-FB	D	Indicates the current maximum number of microphones.
FIRST-MIC-PRIORITY-*-FB	D	Indicates the current setting of first mic priority mode.
LAST-MIC-MODE-*-FB	D	Indicates the current setting of Last Mic Mode.
MIC-*-GATE-ON	D	Indicates which mics were gated on the last time that the REQ-GATE-STATUS was pulsed.
To_Device\$	S	Serial signal to be routed to a 2-way RS232 port.

PARAMETERS:

TYPE-ID-ASCII	S	Enter 1 for 880, 3 for 840T, A for 8i, D for 880T, G for SR1212, H for 880TA or I for SR1212A
TYPE-ID-HEX	S	Enter 31 for 880, 33 for 840T, 41 for 8i, 44 for 880T, 47 for SR1212, 48 for 880TA or 49 for SR1212A.
UNIT-ID-ASCII	S	Enter the unit number of the ClearOne Converge unit being controlled. Should be a number from 0-7.

TESTING:

OPS USED FOR TESTING:	v4.000.0226
SIMPL WINDOWS USED FOR TESTING:	v2.11.18
DEVICE DB USED FOR TESTING:	v20.10.005.00
CRES DB USED FOR TESTING:	v20.05.021.00
SYMBOL LIBRARY USED FOR TESTING:	v608
SAMPLE PROGRAM:	ClearOne Converge Series Demo PRO2.smw
REVISION HISTORY:	<p>v1.0 - Initial release.</p> <p>v1.1 - Added Type-ID parameter values for 8i, 880T and SR1212.</p> <p>v1.2 – Added Type-ID-HEX parameter.</p> <p>v1.3 – Added parameter ID for 880TA and SR1212A.</p>