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

## GENERAL INFORMATION

| | |
|---|---|
| **SIMPLWINDOWS NAME:** | ClearOne Converge (Multiple Units) Macros v1.4 |
| **CATEGORY:** | Conferencing |
| **VERSION:** | 1.4 |
| **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:<br><br>For Converge 880, use 1<br>For Converge TH20, use 2<br>For Converge 840T, use 3<br>For Converge 8i, use A<br>For Converge 880T, use D<br>For Converge SR1212, use G<br>For Converge 880TA, use H<br>For Converge SR1212A, use I<br>For Converge VH20, use E<br><br>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.<br>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.<br>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.<br>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<br>Baud: 57600<br>Parity: N<br>Data Bits: 8<br>Stop Bits: 1 |


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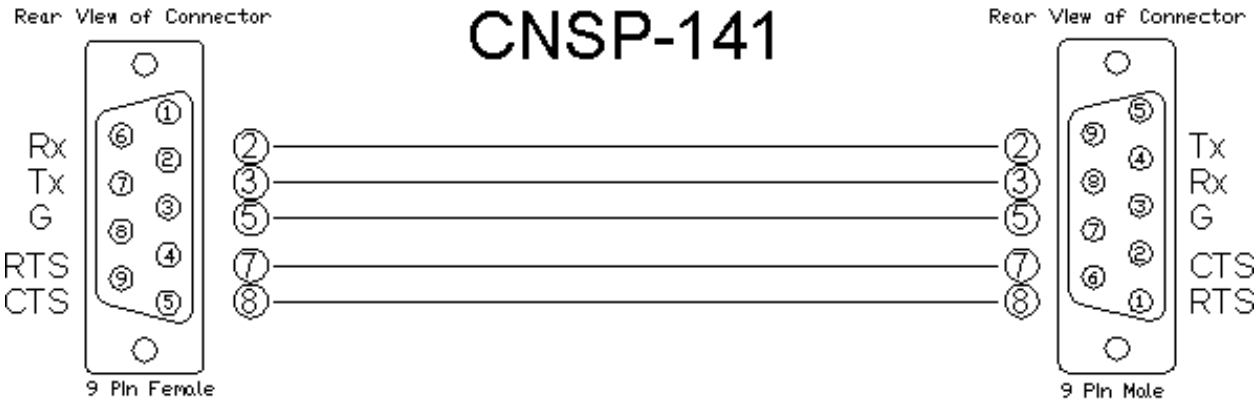
| | RTS/CTS Handshaking should be enabled to insure no data is lost. |
| **VENDOR FIRMWARE:** | 3.0.1.0 |
| **VENDOR SETUP:** | Flow control should be set to "on". The baud rate should be set to 57600. |
| **CABLE DIAGRAM:** | CNSP-141 |




## CONTROL:

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| **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:

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

## PARAMETERS:

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|---|---|---|
| **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. |


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## TESTING:

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|---|---|
| **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.<br>v1.1 – Added Type-ID parameter values for TH20, 8i, 880T and SR1212.<br>v1.2 – Added Type-ID parameter values for TH20, 8i, 880T and SR1212.<br>v1.3 – Added Type-ID parameter values for 880TA and SR1212A.<br>v1.4 – Added Type-ID parameter values for VH20. |


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