

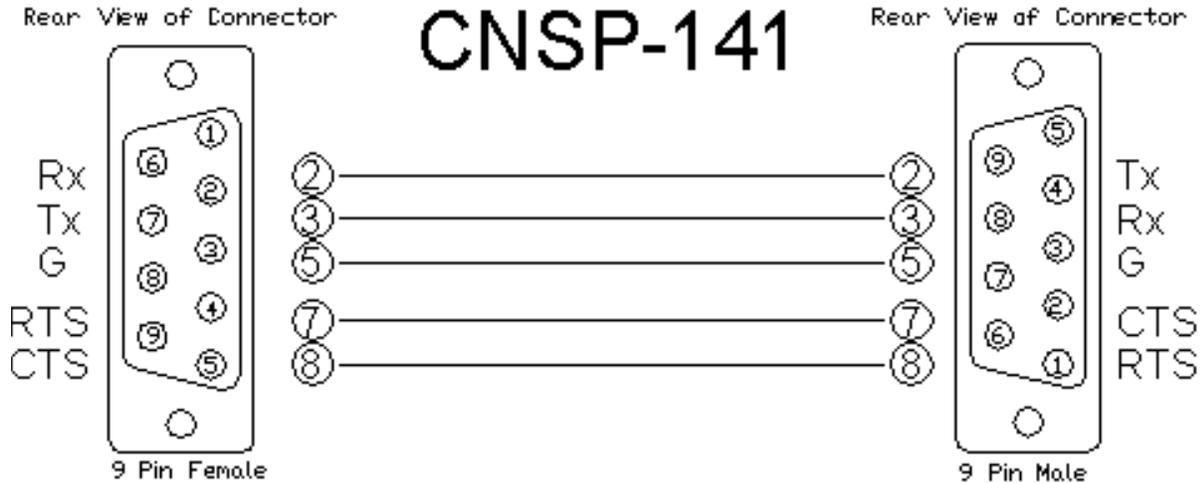
Partner: ClearOne  
 Model: INTERACT  
 Device Type: Conferencing



**GENERAL INFORMATION**

<b>SIMPLWINDOWS NAME:</b>	ClearOne INTERACT Single Channel Volume Control v1.2																												
<b>CATEGORY:</b>	Conferencing																												
<b>VERSION:</b>	1.2																												
<b>SUMMARY:</b>	This module will control the volume on a single channel on the ClearOne INTERACT.																												
<b>GENERAL NOTES:</b>	<p>This module will control the volume on a single channel on the ClearOne INTERACT.</p> <p>Valid Inputs</p> <table border="1"> <thead> <tr> <th>Input Type</th> <th>Interact AT</th> <th>Interact Pro</th> <th>Interact Pro with Interact 8i</th> </tr> </thead> <tbody> <tr> <td>Mic Input</td> <td>1-9</td> <td>1-8</td> <td>1-16</td> </tr> <tr> <td>Line Input</td> <td>1-2</td> <td>1-2</td> <td>1-2</td> </tr> <tr> <td>Telco Receive</td> <td>1</td> <td>1</td> <td>1</td> </tr> <tr> <td>Processing</td> <td>Not Available</td> <td>A-C</td> <td>A-C</td> </tr> </tbody> </table> <p>Valid Outputs</p> <table border="1"> <thead> <tr> <th>Output</th> <th>1-3</th> <th>1-8</th> <th>1-8</th> </tr> </thead> <tbody> <tr> <td>Telco Transmit</td> <td>1</td> <td>1</td> <td>1</td> </tr> </tbody> </table> <p>NOTE: The module "ClearOne INTERACT Feedback Processor v1.2" MUST be used to provide the initial processing of the responses from the ClearOne.</p>	Input Type	Interact AT	Interact Pro	Interact Pro with Interact 8i	Mic Input	1-9	1-8	1-16	Line Input	1-2	1-2	1-2	Telco Receive	1	1	1	Processing	Not Available	A-C	A-C	Output	1-3	1-8	1-8	Telco Transmit	1	1	1
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<b>CRESTRON HARDWARE REQUIRED:</b>	C2COMI, C2COM-2/3																												
<b>SETUP OF CRESTRON HARDWARE:</b>	<p>RS232</p> <p>Baud: 57600</p> <p>Parity: N</p> <p>Data Bits: 8</p> <p>Stop Bits: 1</p> <p>RTS/CTS Handshaking should be enabled to insure no data is lost.</p>																												
<b>VENDOR FIRMWARE:</b>	1.0.28.0																												
<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																												

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### CONTROL:

<b>Volume_&lt;Up/Down&gt;</b>	D	Press and hold to adjust the attenuation for the selected crosspoint.
<b>Volume_Mute_&lt;On/Off/Toggle&gt;</b>	D	Pulse to turn the volume mute on and off.
<b>Get_Initial_Status</b>	D	Pulse to get the current settings. THIS IS NOT TO BE USED FOR CONSTANT POLLING.
<b>Volume_Slider_In</b>	A	Analog input for the volume level. Valid range is 0d to 65535d.
<b>From_Processor_Module</b>	S	Serial input MUST be routed from the To_All_Other_Modules output on the "ClearOne INTERACT Feedback Processor v1.2" module.

### FEEDBACK:

<b>Volume_Mute_Is_&lt;On/Off&gt;</b>	D	High to indicate the current volume mute state.
<b>Unit_Parameter_Channel_Mismatch</b>	D	High to indicate that the selected unit, channel and parameter combination is not a valid combination.
<b>Volume_Level_Gauge</b>	A	Analog signal indicating the current volume level. To be displayed on a gauge on a touch panel.
<b>Volume_Level_Text</b>	S	Serial signal indicating the current volume level. To be displayed using indirect text on a touch panel.
<b>To_Device</b>	S	Serial signal to be routed to a 2-way serial com port.

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**PARAMETER:**

<b>Volume_Step</b>	P	Select the desired volume step from the dropdown list. Default is 0.5dB.
<b>Unit_Type</b>	P	Select the unit type to control. Default is INTERACT PRO.
<b>Unit_ID</b>	P	At the time that v1.2 of the module was released, the only valid Unit_ID is ID0.
<b>Channel_ID</b>	P	Select the desired channel from the dropdown list.
<b>Parameter_ID</b>	P	Select the desired control point type from the dropdown list.

**TESTING:**

<b>OPS USED FOR TESTING:</b>	4.001.1012
<b>SIMPL WINDOWS USED FOR TESTING:</b>	4.03.20
<b>CRESTRON DB USED FOR TESTING:</b>	54.05.005.00
<b>DEVICE DB USED FOR TESTING:</b>	73.00.001.00
<b>SAMPLE PROGRAM:</b>	ClearOne INTERACT v1.2 Demo PRO2
<b>REVISION HISTORY:</b>	V. 1.0 – Original release. V. 1.2 – Incorporated 3-series best practices into all Simpl+.