

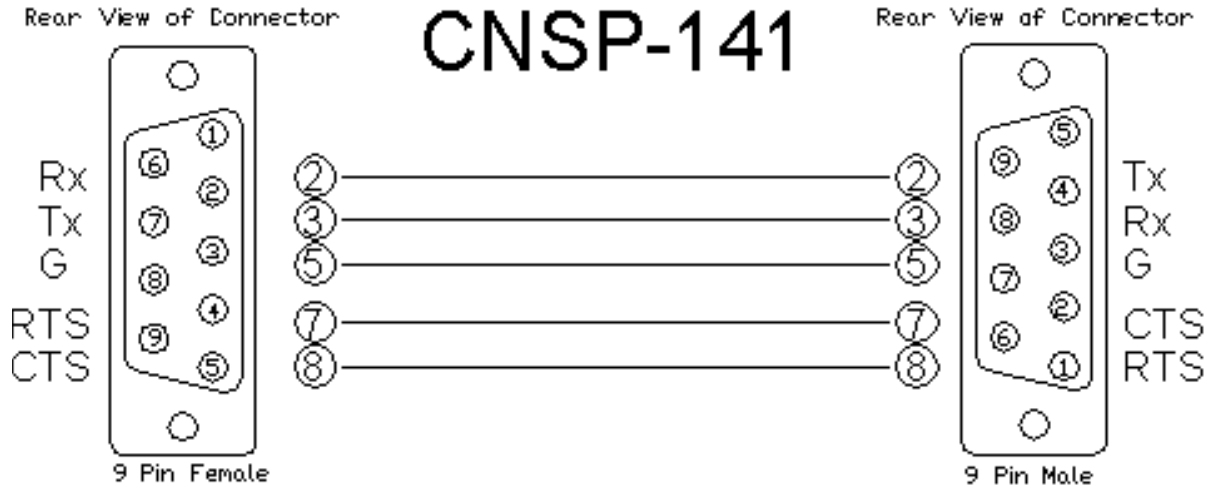
Partner: ClearOne
Model: INTERACT
Device Type: Conferencing



GENERAL INFORMATION

SIMPLWINDOWS NAME:	ClearOne INTERACT Crosspoint Attenuation Control v1.2
CATEGORY:	Conferencing
VERSION:	1.2
SUMMARY:	This module will control the crosspoint attenuation on the ClearOne INTERACT.
GENERAL NOTES:	<p>This module will control the crosspoint attenuation on the ClearOne INTERACT.</p> <p>To control a crosspoint, select the desired Source and Destination, then pulse the Get_Status input. If you do not pulse the Get_Status input, the feedback will be wrong.</p> <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>
CRESTRON HARDWARE REQUIRED:	C2COMI, C2COM-2/3
SETUP OF CRESTRON HARDWARE:	RS232 Baud: 57600 Parity: N Data Bits: 8 Stop Bits: 1 RTS/CTS Handshaking should be enabled to insure no data is lost.
VENDOR FIRMWARE:	1.0.28.0
VENDOR SETUP:	Flow control should be set to "on". The baud rate should be set to 57600.
CABLE DIAGRAM:	CNSP-141

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CONTROL:

Source_*	D	Pulse to select the desired crosspoint source.
Destination_*	D	Pulse to select the desired crosspoint destination.
Volume_<Up/Down>	D	Press and hold to adjust the attenuation for the selected crosspoint.
Get_Status	D	Pulse to get the current setting for the selected crosspoint. THIS IS NOT TO BE USED FOR CONSTANT POLLING.
Volume_Slider_In	A	Analog input for the volume level. Valid range is 0d to 65535d.
From_Processor_Module	S	Serial input MUST be routed from the To_Crosspoint_Modules output on the "ClearOne INTERACT Feedback Processor v1.2" module.

FEEDBACK:

Source_*_Is_Selected	D	High to indicate the currently selected source.
Invalid_Source	D	This will pulse high for 0.5 seconds to indicate that the selected source is not valid for the device type.
Destination_*_Is_Selected	D	High to indicate the currently selected destination.
Invalid_Destination	D	This will pulse high for 0.5 seconds to indicate that the selected destination is not valid for the device type.
Volume_Level_Gauge	A	Analog signal indicating the current volume level. To be displayed on a gauge on a touch panel.

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Volume_Level_Text	S	Serial signal indicating the current volume level. To be displayed using indirect text on a touch panel.
To_Device	S	Serial signal to be routed to a 2-way serial com port.

PARAMETER:

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

TESTING:

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