CRESTRON

Certified Module

Partner: ClearOne
Model: INTERACT
Device Type: Conferencing

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Integrated Partner

GENERAL INFORMATION

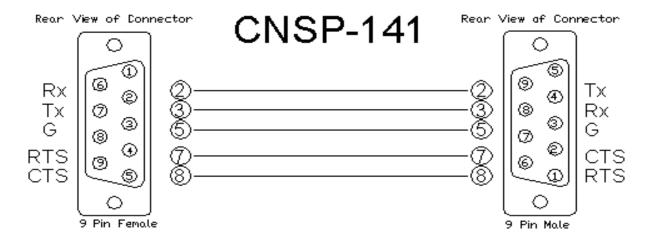|	
SIMPLWINDOWS NAME:	ClearOne INTERACT Single Channel Output Control v1.2
CATEGORY:	Conferencing
VERSION:	1.2
SUMMARY:	This module will control a single output channel on the ClearOne INTERACT.
GENERAL NOTES:	This module will control a single output channel on the ClearOne INTERACT. Valid Interact AT outputs are 1 for Record Out 2 for Line Out 3 for Speaker Out Valid Interact PRO outputs are 1-8 NOTE: The module "ClearOne INTERACT Feedback Processor v1.2" MUST be used to provide the initial processing of the responses from the ClearOne.
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

CONTROL:

Volume_<Up/Down>	D	Press and hold to adjust the attenuation for the selected crosspoint.
Volume_Mute_<On/Off/Toggle>	D	Pulse to turn the volume mute on and off.
Number_Of_Open_Mics_<On/Off/Toggle>	D	Pulse to turn the number of open mics on and off.
Get_Initial_Status	D	Pulse to get the current settings. 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_All_Other_Modules output on the "ClearOne INTERACT Feedback Processor v1.2" module.

FEEDBACK:

Volume_Mute_Is_<On/Off>	D	High to indicate the current volume mute state.
Number_Of_Open_Mics_Is_<On/Off>	D	High to indicate the current number of open mics state.
Unit_Parameter_Channel_Mismatch	D	High to indicate that the selected unit, channel and parameter combination is not a valid combination.
Volume_Level_Gauge	A	Analog signal indicating the current volume level. To be displayed on a gauge on a touch panel.
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.

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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.
Channel_ID	P	Select the desired channel from the dropdown list.
Parameter_ID	P	Select the desired control point type from the dropdown list.

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+.

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