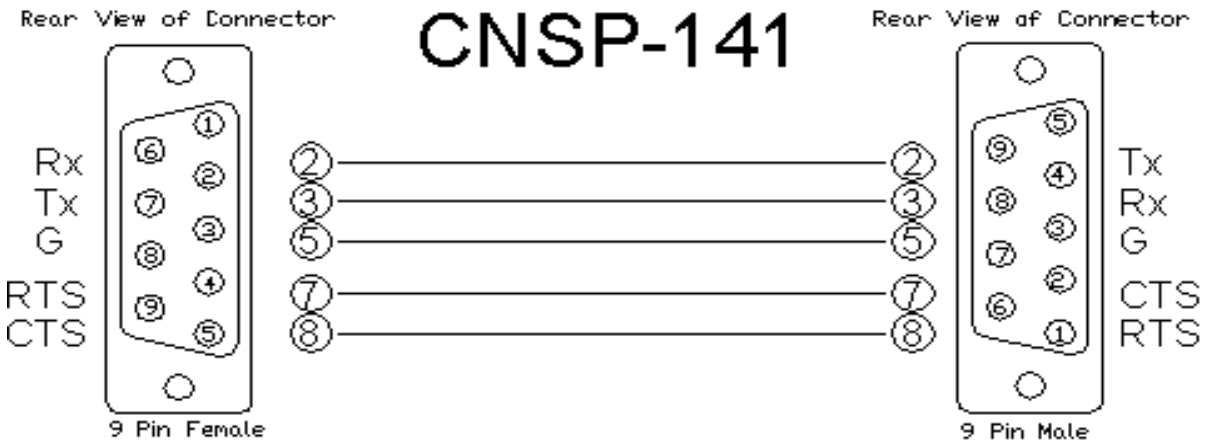
Partner: ClearOne
Model: INTERACT
Device Type: Conferencing

GENERAL INFORMATION

SIMPLWINDOWS NAME:	ClearOne INTERACT Dialing Control v1.2
CATEGORY:	Conferencing
VERSION:	1.2
SUMMARY:	This module provides control of the dialer on the ClearOne INTERACT.
GENERAL NOTES:	This module provides control of the dialer on the ClearOne INTERACT. The INTERACT only allows 20 entries in the addressbook. 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



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CONTROL:

Auto_Answer_<On/Off/Toggle>	D	Pulse to turn auto answer on and off.
Auto_Disconnect_*	D	Pulse to set the auto disconnect to the desired setting.
Hook_Flash_Duration_*	D	Pulse to set the hook flash duration.
<On/Off>_Hook	D	Pulse to take the phone off hook or set the phone on hook.
On_Hook_Off_Hook_Toggle	D	Pulse to take the phone off hook or set the phone on hook.
Flash	D	Pulse to flash the hook.
Redial	D	Pulse to dial the last number dialed by the INTERACT. This is NOT necessarily the last number entered using the module.
Dial_Key_*	D	Pulse to enter the number to dial.
Dial	D	Pulse to dial the number entered.
Addressbook_*_Page	D	Pulse to go to the desired addressbook page.
Addressbook_Dial_Selected	D	Pulse to dial the selected addressbook entry.
Get_Initial_Status	D	Pulse to get the current settings. THIS IS NOT TO BE USED FOR CONSTANT POLLING.
USB_Dialer	D	Set high to indicate that the dialer being used is a USB dialer.
Addressbook_Select_Entry[*]	D	Pulse to select and deselect the addressbook entry.
From_Processor_Module	S	Serial input MUST be routed from the To_Dialing_Modules output on the "ClearOne INTERACT Feedback Processor v1.2" module.

FEEDBACK:

Auto_Answer_Is_<On/Off>	D	High to indicate the current auto answer setting.
Auto_Disconnect_Is_*	D	High to indicate the current auto disconnect setting.
Hook_Flash_Duration_Is_*	D	High to indicate the current hook flash duration setting.
Phone_Is_<On/Off>_Hook	D	High to indicate the current phone hook state.
Ringing	D	This will flash high and low to indicate that there is an incoming call.

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Addressbook_Selected_Entry[*]	D	High to indicate the currently selected addressbook entry.
Number_To_Dial_Text	S	Serial signal indicating the currently entered phone number.
To_Device	S	Serial signal to be routed to a 2-way serial com port.
Addressbook_Entry_Name_Text[*]	S	Serial signal indicating the addressbook entry names.

PARAMETER:

Phone_Number_Length	P	Enter the number of characters for the phone number. Maximum is 44d. Default is 44d
Addressbook_Entries_Per_Page	P	Enter the number of entries to be displayed per page. Range is 1d to 20d. Default is 10d. (If using a scrolling list on a touch panel set this to 20d.)
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+. Also added USB Dialer to the ClearOne INTERACT Dialing Control module.

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