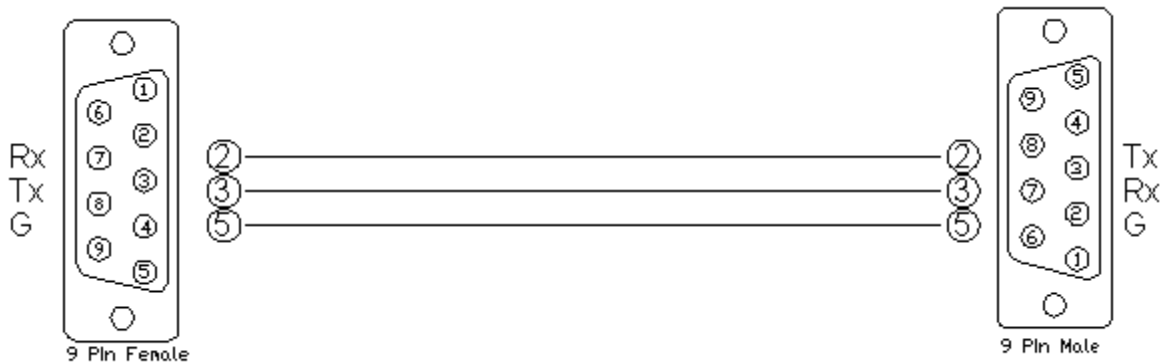


Partner: MediaStar
Model: Compact
Device Type: Audio/Video Distribution


GENERAL INFORMATION

SIMPLWINDOWS NAME:	MediaStarIRControl_v1
CATEGORY:	None
VERSION:	1.0
SUMMARY:	This module emulates the IR control for a MediaStar device.
GENERAL NOTES:	This module will control a MediaStar Audio and Video Distribution system. It emulates the commands of the IR remote over the RS232 protocol. It provides feedback if the command was received and executed correctly or not.
CRESTRON HARDWARE REQUIRED:	C2 Internal COM ports, ST-COM, C2COM-2, C2COM-3
SETUP OF CRESTRON HARDWARE:	RS232 Baud: 9600 Parity: None Data Bits: 8 Stop Bits: 1
VENDOR FIRMWARE:	None
VENDOR SETUP:	None
CABLE DIAGRAM:	CNSP-121



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CONTROL:

Device_RX\$	D	Serial signal to be routed from a 2-way serial COM port or TCP/IP client.
IR_0	D	Pulse to send the IR command for the 0 button.
IR_1	D	Pulse to send the IR command for the 1 button.
IR_2	D	Pulse to send the IR command for the 2 button.
IR_3	D	Pulse to send the IR command for the 3 button.
IR_4	D	Pulse to send the IR command for the 4 button.
IR_5	D	Pulse to send the IR command for the 5 button.
IR_6	D	Pulse to send the IR command for the 6 button.
IR_7	D	Pulse to send the IR command for the 7 button.
IR_8	D	Pulse to send the IR command for the 8 button.
IR_9	D	Pulse to send the IR command for the 9 button.
IR_Red/VideoCall	D	Pulse to send the IR command for the Red button or Video Call button(dependant upon which MediaStar unit is being used).
IR_Green/CallFwd	D	Pulse to send the IR command for the Green button or Call Forward button(dependant upon which MediaStar unit is being used).
IR_Yellow/AutoAnswer	D	Pulse to send the IR command for the Yellow button or Auto Answer button(dependant upon which MediaStar unit is being used).
IR_Blue/Selfview	D	Pulse to send the IR command for the Blue button or Selfview button(dependant upon which MediaStar unit is being used).
IR_Quit	D	Pulse to send the IR command for the Quit button.
IR_TV/Pay	D	Pulse to send the IR command for the TV button or Pay button(dependant upon which MediaStar unit is being used).
IR_A/B	D	Pulse to send the IR command for the A/B button.
IR_Menu/Func	D	Pulse to send the IR command for the Menu button or Function button(dependant upon which MediaStar unit is being used).
IR_Cancel/Delete	D	Pulse to send the IR command for the Cancel button or Delete button(dependant upon which MediaStar unit is being used).
IR_Info/Next	D	Pulse to send the IR command for the Info button or Next button(dependant upon which MediaStar unit is being used).

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IR_Up	D	Pulse to send the IR command for the Up button.
IR_Down	D	Pulse to send the IR command for the Down button.
IR_OK/YES	D	Pulse to send the IR command for the OK button or YES button(dependant upon which MediaStar unit is being used).
IR_+/Volume_Up	D	Pulse to send the IR command for the + button or Volume Up button(dependant upon which MediaStar unit is being used).
IR_-/Volume_Down	D	Pulse to send the IR command for the - button or Volume Down button(dependant upon which MediaStar unit is being used).
IR_Mute	D	Pulse to send the IR command for the Mute button.
IR_Logon	D	Pulse to send the IR command for the Logon button.
IR_Logoff	D	Pulse to send the IR command for the Logoff button.
IR_NO	D	Pulse to send the IR command for the NO button.
IR_Pass	D	Pulse to send the IR command for the Pass button.
Initialize	D	Pulse to start communications with the MediaStar Compact.
IR_Address	P	Drop down parameter used to set the IR address for the RS232 to IR commands. Different IR transmitter address types can be used which prevent cross-talk between two local IR receivers.

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**FEEDBACK:**

Device_TX\$	S	Serial signal to be routed to a 2-way serial COM port or TCP/IP client.
OK	D	Digital signal that pulses high when the command was successful.
Error	D	Digital signal that pulses high when the command fails.

TESTING:

OPS USED FOR TESTING:	PRO2 - v3.155.1143
SIMPL WINDOWS USED FOR TESTING:	2.08.26
CRES DB USED FOR TESTING:	18.6.2
SYMBOL LIBRARY USED FOR TESTING:	454
SAMPLE PROGRAM:	CableTime MediaStar Compact IR Emulation Demo
REVISION HISTORY:	V. 1.0