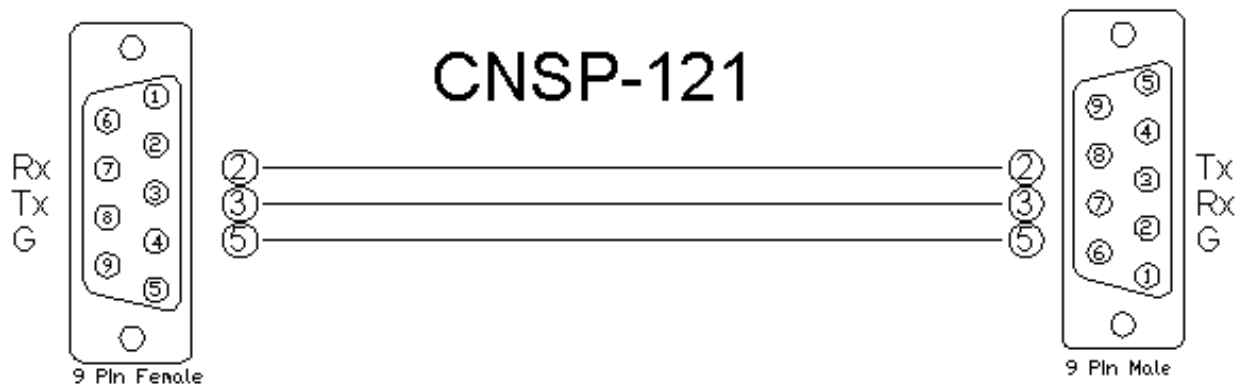


Partner: Onkyo
 Model: T-4555
 Device Type: Tuner



GENERAL INFORMATION

SIMPLWINDOWS NAME:	Onkyo T-4555
CATEGORY:	Tuner
VERSION:	1.0
SUMMARY:	Controls all standard functions on an Onkyo T-4555 tuner.Provides true feedback.
GENERAL NOTES:	This module will control an Onkyo T-4555 tuner. Note that all inputs to this module should be momentary, as if coming from a button on a touch panel. This module is for 2 series processors only.
CRESTRON HARDWARE REQUIRED:	ST-COM, C2COM
SETUP OF CRESTRON HARDWARE:	RS232 Baud: 9600 Parity: N Data Bits: 8 Stop Bits: 1
VENDOR FIRMWARE:	N/A
VENDOR SETUP:	N/A
CABLE DIAGRAM:	CNSP-121



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**CONTROL:**

Power_On/Off/Toggle	D	Pulse to turn the unit on or off.
Input_*	D	Pulse to pick a source.
Tuner_Key_*	D	Pulse to set frequency for tuner.
Sirius_Password_Key_*	D	Pulse to set Password for Sirius tuner.
Display_Cycle	D	Pulse to Change display on LCD front panel.
Preset_Up/Down	D	Pulse to increment/decrement tuner presets.
Preset_*	D	Pulse to pick a tuner preset.
XM_Category_Up/Down	D	Pulse to Change category for XM tuner.
Sirius_Category_Up/Down	D	Pulse to Change category for Sirius tuner.
Initialize	D	Pulse to initialize tuner and poll for its settings. This is typically done once upon entry into the screen for this tuner.
From_Device\$	S	Serial signal to be routed from a 2-way RS232 port.

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FEEDBACK:

Power_On/Off_Fb	D	True feedback indicating the power state.
Input_*_Fb	D	True feedback indicating tuner input.
Tuner_Frequency\$	S	True feedback indicating tuner frequency.
DAB_Multiplex_Name\$	S	True feedback indicating DAB (Europe) multiplex name.
DAB_Station_Name\$	S	True feedback indicating DAB (Europe) station name.
DAB_Bit_Rate_and_Stereo\$	S	True feedback indicating DAB (Europe) bit rate and stereo/mono status.
DAB_Bit_Error_Rate\$	S	True feedback indicating DAB (Europe) bit error.
DAB_Program_Type\$	S	True feedback indicating DAB (Europe) program type.
HD_Artist\$	S	True feedback indicating artist.
HD_Channel_Name\$	S	True feedback indicating channel name.
HD_Title\$	S	True feedback indicating title.
HD_Radio_Detail\$	S	True feedback indicating HD radio detail.
HD_Program\$	S	True feedback indicating HD radio program.
HD_Blend_Mode\$	S	True feedback indicating HD radio blend mode.
HD_Tuner_Status\$	S	True feedback indicating HD radio tuner status.
Sirius_Password\$	S	True feedback indicating Sirius password in plain text.
Sirius_Password_Stars\$	S	True feedback indicating Sirius password in ciphered "stars" text.
Sirius_Parental_Lock_Password_Needed_Fb	D	True feedback indicating Sirius password needed.
Sirius_Parental_Lock_Password_Wrong_Fb	D	True feedback indicating Sirius password entered incorrectly.
Sirius_Channel_Name\$	S	True feedback indicating channel Name.
Sirius_Channel_Number\$	S	True feedback indicating channel Number.

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Sirius_Title\$	S	True feedback indicating title.
Sirius_Artist\$	S	True feedback indicating artist.
Sirius_Category\$	S	True feedback indicating category.
XM_Channel_Name\$	S	True feedback indicating channel name.
XM_Channel_Number\$	S	True feedback indicating channel number.
XM_Title\$	S	True feedback indicating title.
XM_Artist\$	S	True feedback indicating artist.
XM_Category\$	S	True feedback indicating category.
Preset_*_Fb	D	True feedback indicating current preset.
Initialize_Busy_Fb	D	True feedback indicating unit is initializing.
To_Device\$	S	Serial signal to be routed to a 2 way RS232 port.

TESTING:

OPS USED FOR TESTING:	PRO2 Cntrl Eng {v3.137 (Release)}
SIMPL WINDOWS USED FOR TESTING:	2.08.44
CRES DB USED FOR TESTING:	18.9.1
SYMBOL LIBRARY USED FOR TESTING:	508
SAMPLE PROGRAM:	Onkyo T-4555 Demo
REVISION HISTORY:	V. 1.0