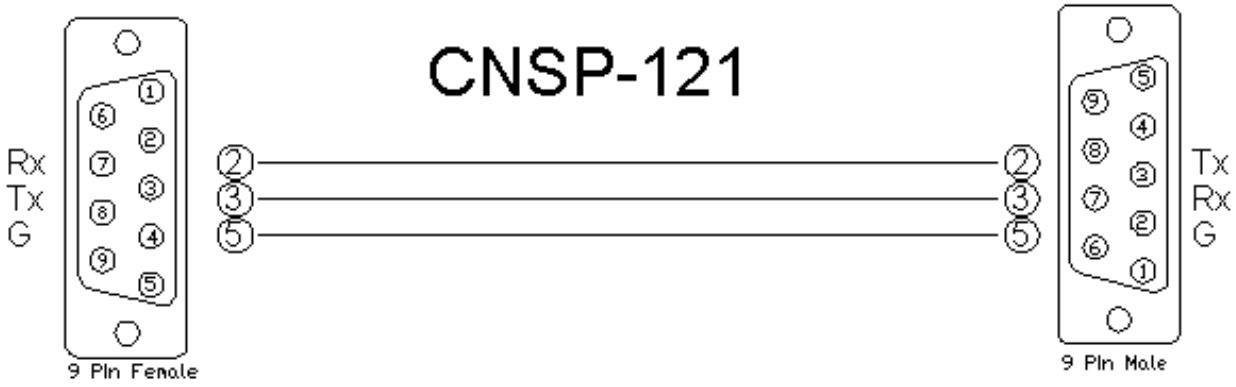
Partner: Denon
Model: DVD-2500BT + DVD-3800BDCi
Device Type: DVD Player

GENERAL INFORMATION

SIMPLWINDOWS NAME:	Denon DVD-2500BT + DVD-3800BDCi v1.1
CATEGORY:	Transport Decks
VERSION:	1.1
SUMMARY:	Controls all standard functions and provides true feedback
GENERAL NOTES:	This module will control the DVD-2500BT + 3800BDCi Players. It should also control a DVD-2500BT player; however, it was tested at Crestron using only a DVD-3800BDCi. Note that the unit does not respond to any commands for at least 20 seconds while powering up from standby. Auto status mode is automatically set at startup. A response is waited for after sending each command. If a response is not received within one second after sending a command, the Please_Wait output will go high. This module will continue to wait for a response for up to twelve seconds. After twelve seconds, the module will time out and allow another command to be sent. This was done to avoid overloading the DVD player with too many commands. Commands are generally responded to instantly, and the Please_Wait output will usually only go high if multiple commands are being sent in rapid succession. Note that this module indicates the language of the audio and subtitles currently active with serial outputs. Note that all inputs to this module should be momentary, as if coming from a button on a touch panel.
CRESTRON HARDWARE REQUIRED:	CNX-COM, CNX-COM2, C2-COM, C2-COM2, C2-COM3, ST-COM
SETUP OF CRESTRON HARDWARE:	RS232 Baud: 9600 Parity: N Data Bits: 8 Stop Bits: 1
VENDOR FIRMWARE:	None
VENDOR SETUP:	None
CABLE DIAGRAM:	CNSP-121

©2004 Crestron Electronics, Inc.
15 Volvo Drive • Rockleigh, NJ 07647
800.237.2041 / 201.767.3400

Partner: Denon
Model: DVD-2500BT + DVD-3800BDCi
Device Type: DVD Player



CONTROL:

Power_On/Off/Toggle	D	Pulse to turn the DVD on and off.
Play	D	Pulse to play a disc.
Stop	D	Pulse to stop a disc.
Pause	D	Pulse to pause a disc.
Slow/Search_Forward/Reverse	D	Pulse to pause, search or scan a disc.
Next/Previous_Chapter/Track	D	Pulse to skip tracks/chapters on a disc.
Setup	D	Pulse to enter setup mode. Note unit responds to this command only when no disc is present.
Top_Menu	D	Pulse to go to top menu on a disc.
Menu	D	Pulse to go to menu on a disc.
Return	D	Pulse to execute return command.
Up/Down/Left/Right	D	Pulse to execute navigation commands.
Enter	D	Pulse to execute enter command.
Audio_Next/Previous	D	Pulse to cycle audio modes.
Subtitle_Next/Previous	D	Pulse to cycle subtitle modes.
Angle_Next/Previous	D	Pulse to cycle angle modes.

©2004 Crestron Electronics, Inc.
15 Volvo Drive • Rockleigh, NJ 07647
800.237.2041 / 201.767.3400

Crestron Certified Integrated Partner Modules can be found archived on our website in the Design Center. For more information please contact our Technical Sales Department at techsales@crestron.com. The information contained on this document is privileged and confidential and for use by Crestron Authorized Dealers, CAIP Members, A+ Partners and Certified Integrated Partners only. *Specifications subject to change without notice.*

Partner: Denon
Model: DVD-2500BT + DVD-3800BDCi
Device Type: DVD Player

Display	D	Pulse to cycle display elapsed time modes. Note: At present the cycling only changes the front LCD panel on the unit.
From_Device	S	Serial signal to be routed from a 2-way serial com port.

FEEDBACK:

Power_is_On	D	High to indicate the current power state of the DVD player. Note: Unit does not respond to any commands for at least 20 seconds when coming back from a standby mode condition.
Play_is_On	D	High to indicate the current play state of the DVD player.
Stop_is_On	D	High to indicate the current stop state of the DVD player.
Stop/Resume_is_On	D	High to indicate the current stop/resume state of the DVD player.
Pause_is_On	D	High to indicate the current pause state of the DVD player.
Slow/Search_Forward/Reverse_is_On	D	High to indicate the current slow search forward/reverse states of the DVD player.
Group_Title_Analog	A	Analog value routed to a digital gauge indicating group or title of current playing disc.
Track_Chapter_Analog	A	Analog value routed to a digital gauge indicating track or chapter of current playing disc.
Setup_is_On	D	High to indicate the status of setup function of the DVD player. Note: Only workd when disc is not present.
Menu_is_On	D	High to indicate the menu status of the DVD player.
Elapsed_Timer_Feed_Analog	A	Analog value routed to a digital gauge indicating elapsed time of current playing disc.
System _Status_Text	S	Text value displaying current DVD system conditions of unit.
Please_Wait	D	High to indicate a waiting for a command status of the DVD player.
Disc_Type_Text	S	Text value displaying current disc type of unit.
Audio_Format_Text	S	Text value displaying current audio format of unit.
Audio_Channel_Text	S	Text value displaying current audio channel of unit.
Dialog_Text	S	Text value displaying current dialog language of unit.

©2004 Crestron Electronics, Inc.
15 Volvo Drive • Rockleigh, NJ 07647
800.237.2041 / 201.767.3400

Partner: Denon
Model: DVD-2500BT + DVD-3800BDCi
Device Type: DVD Player

Subtitle_Text	S	Text value displaying current subtitle language of unit.
Angle_Text	S	Text value displaying current angle of unit.
Play_Mode_Text	S	Text value displaying current play mode of unit.
Time_Mode_Text	S	Text value displaying current time mode of unit. Note: While the feedback for the text field is correct, it changes only the value on the front LCD panel of unit.
To_Device	S	Serial signal to be routed to a 2-way serial com port.

TESTING:

OPS USED FOR TESTING:	PRO2 3.155
SIMPL WINDOWS USED FOR TESTING:	SIMPL Windows: 2.10.25
CRES DB USED FOR TESTING:	19.04.010
SYMBOL LIBRARY USED FOR TESTING:	V. 541
REVISION HISTORY:	V1 – Original Release V1.1 – Updated associated *.usp file name to Denon DVD-2500BT + DVD-3800BDCi v1.1 Processor.usp.
COMPILER USED FOR TESTING:	2.07.22
SAMPLE PROGRAM:	Denon DVD-2500BT + DVD-3800BDCi v1.1 Demo PRO2.smw

©2004 Crestron Electronics, Inc.
15 Volvo Drive • Rockleigh, NJ 07647
800.237.2041 / 201.767.3400