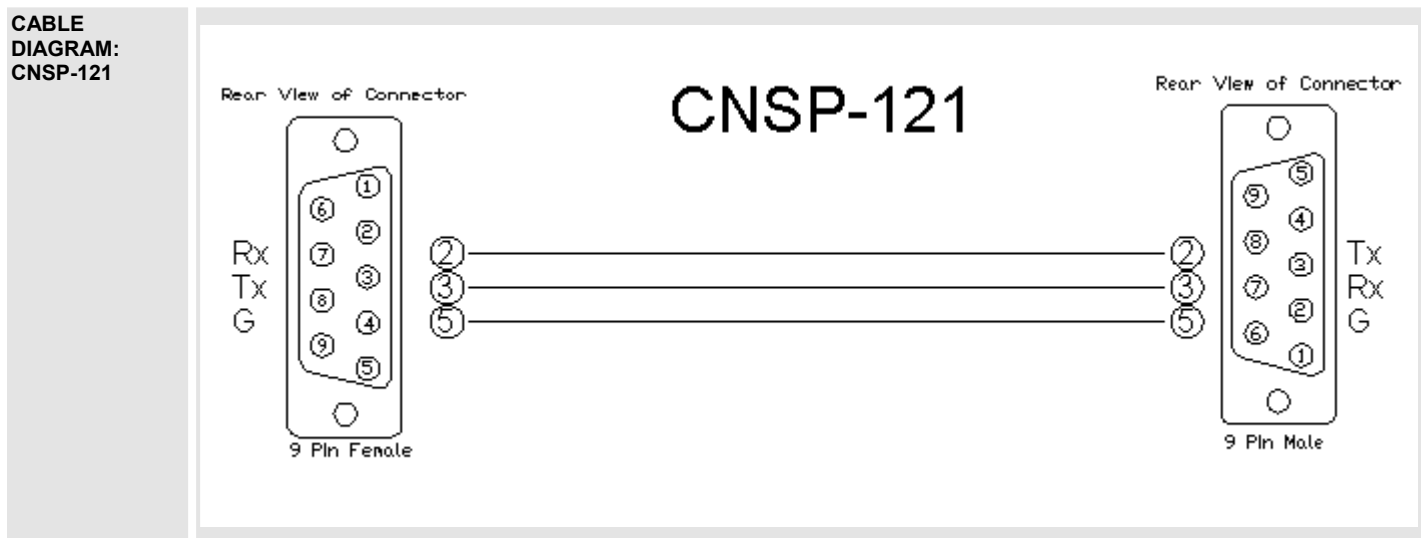


Partner: Classe Audio
Model: CDP-300
Device Type: DVD Player



GENERAL INFORMATION

SIMPLWINDOWS NAME:	Classe CDP-300 DVD Player.umc
CATEGORY:	DVD Player
VERSION:	1.00
SUMMARY:	This module controls the most common functions of the Classe CDP-300 DVD player
GENERAL NOTES:	This module controls the most common functions of the Classe CDP-300 DVD player. This module provides extensive real-time feedback from the device.
CRESTRON HARDWARE REQUIRED:	C2I-COM, ST-COM, C2-COM-* or CNX-COM2
SETUP OF CRESTRON HARDWARE:	RS232 Baud: 9600 Parity: None Data Bits: 8 Stop Bits: 1
VENDOR FIRMWARE:	Unknown
VENDOR SETUP:	Turn on device and pulse the Enable_Communication input of the module.



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CONTROL:

Enable_Communication	D	Pulse this signal once while the device is on in order to tell the device to report feedback. The device comes with feedback reporting on as default, but it is best to pulse it when starting the system each time in case it somehow gets changed along the way.
Power_*	D	Pulse to toggle/turn Main Power On/Off.
Tray_*	D	Pulse to Open/Close the Tray (Use on Tray Loader units only)
Eject	D	Pulse to Eject the disc. (Use on Slot Loader devices only)
Play	D	Pulse to play the disc
Stop	D	Pulse to stop the disc playback
Pause	D	Pulse to pause playback of the disc
<<Scan	D	Pulse to scan reverse on the disc (only while in Play or Pause Mode). Pulsing repeatedly will change Scan speed
Scan>>	D	Pulse to scan forward on the disc (only while in Play or Pause Mode). Pulsing repeatedly will change Scan speed
<<Skip	D	Pulse to skip to the previous chapter/track (only while in Play or Pause Mode)
Skip>>	D	Pulse to skip to the next chapter/track (only while in Play or Pause Mode)
<Slow	D	Pulse to play reverse slow (only while in Play or Pause Mode). Pulsing repeatedly will change Slow play speed
Slow>	D	Pulse to play forward slow (only while in Play or Pause Mode). Pulsing repeatedly will change Slow play speed
<<Title	D	Pulse to skip to the next title/group
Title>>	D	Pulse to skip to the previous title/group
Random_Play	D	Pulse to enter Random Play mode. Tracks/Chapters will play in random order after engaged. Note: The only way to exit the random play mode is to Stop and Play the disc again.
Repeat_Disc	D	Pulse to repeat the Disc over and over
Repeat_Title	D	Pulse to repeat the Title/Group over and over

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Repeat Track/Chapter	D	Pulse to Repeat the Track/Chapter over and over
Repeat_A-B	D	Pulse once to set A point (feedback will pulse twice repeatedly when waiting for a B point). Pulse again to set B point. Playback will repeat between the A and B points until either the Repeat_A-B signal is pulsed again, or the Repeat_off signal is pulsed. Note: Repeat A-B is not available on all discs.
Repeat_Off	D	Pulse to stop any repeat mode
OSD_*	D	Use to navigate through the Disc and Title Menus
Subtitle	D	Pulse to Toggle through available Subtitles
Audio	D	Pulse to toggle between available Audio streams
Surround	D	Pulse to toggle through available Surround modes
Angle	D	Pulse to toggle through available Angles
Zoom	D	Pulse to Zoom in on the Image
Aspect	D	Pulse to toggle through available video aspect ratios
Lip_Sync+	D	Pulse to increase Lip Sync Delay by 10ms
Lip_Sync-	D	Pulse to decrease Lip Sync Delay by 10ms
LCD_Off	D	Pulse to turn the LCD display on the front panel off
LCD_Low	D	Pulse to put the LCD Display on the front panel into low light mode
LCD_Med	D	Pulse to put the LCD Display on the front panel into medium light mode
LCD_High	D	Pulse to put the LCD Display on the front panel into high light mode
Dimmer	D	Pulse to toggle between all LCD light modes
Display_*	D	Pulse to select the desired display mode
Jump_Hour	A	Place an analog hour value here that you wish to jump time to. Nothing will happen by simply setting this analog.
Jump_Minute		Place an analog Minute value here that you wish to jump time to. Nothing will happen by simply setting this analog.
Jump_Second		Place an analog Second value here that you wish to jump time to. Nothing will happen by simply setting

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		this analog.
Jump_To_Time	D	When Pulsed, the module will send a command to jump to the set Jump_Hour:Jump_Minute:Jump_Second time setting on the current disc. If the time settings are not available on the current disc, nothing will happen.
Jump_Title/Group	A	Place an analog Title/Group value here that you wish to jump Title/Chapter to. Nothing will happen by simply setting this analog. If it is desired to jump to a Chapter/Track in the current Title/Group, leave this value at 0. The Title/Group value is insignificant when the disk type is CD.
Jump_Chapter/Track	A	Place an analog Chapter/Track value here that you wish to jump Title/Chapter to. Nothing will happen by simply setting this analog.
Jump_Title/Chapter	D	When Pulsed, the module will send a command to jump to the set Jump_Title/Group Jump_Chapter/Track location on the current disc. If the title/chapter or group/track settings are not available on the current disc, nothing will happen.
From_Device\$	S	Signal to be routed from a 2-way serial port RX on which the CDP-300 is connected

FEEDBACK:

Power*_Fb	D	Feedback indicating the Player's Power Status
Play_Fb	D	Feedback indicating the Disc is playing
Stop_Fb	D	Feedback indicating Disc is stopped. When the feedback is pulsing repeatedly, the disc will resume where it was stopped when played again. If it is on solid, playback will start from the beginning
Pause_Fb	D	Feedback Indicating the disc playback is paused
Disc*_Fb	D	Feedback Indicating the disc type currently inserted in the player
Random*_Fb	D	Feedback Indicating the player's random mode is On/Off
Repeat_Disc_Fb	D	Feedback indicating the player is in Repeat Disc Mode
Repeat_Title_Fb	D	Feedback indicating the player is in Repeat Title/Group mode
Repeat_Track/Chapter_Fb	D	Feedback indicating the player is in Repeat Track/Chapter mode
Repeat_A-B_Fb	D	Feedback indicating the device is in Repeat A-B mode, or is setting up repeat A-B mode. If the feedback pulses twice repeatedly, the A position is set, and the device is waiting for a B point to be set. If the feedback is on solid, the device is currently repeating between the set A and B points
Repeat_Off_Fb	D	Feedback indicating that there is currently no repeat mode set
Subtitle\$	S	Serial feedback indicating the currently selected Subtitle stream

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Audio\$	S	Detailed serial feedback indicating the currently selected Audio stream
Video\$	S	Serial feedback indicating the currently selected Aspect or Video stream
Lip_Sync\$	S	Serial Feedback indicating the currently selected Lip Sync delay setting
Display_*_Fb	D	Feedback indicating the current time display setting
Title\$	S	Serial Feedback indicating the currently playing Title/Group. Displays a "0" when playing CDs
Track\$	S	Serial Feedback indicating the currently playing Chapter/Track
Hour\$	S	Serial feedback indicating the hour display for the currently selected Display Mode
Minute\$	S	Serial feedback indicating the Minute display for the currently selected Display Mode
Second\$	S	Serial feedback indicating the Second display for the currently selected Display Mode
Disc_Name\$	S	Serial Feedback indicating the currently inserted disc name (if available)
To_Device\$	S	Signal to be routed from a 2-way serial port TX on which the CDP-300 is connected

TESTING:

OPS USED FOR TESTING:	v3.137 (Release)
COMPILER USED FOR TESTING:	2.00.34
SAMPLE PROGRAM:	Classe CDP-300 DVD Player Demo Pro2.smw, Classe CDP-300 DVD Player Demo CNMSX.smw
REVISION HISTORY:	V. 1.0