Partner: Esoteric
Model: DV-60 + P-03UNI + UX-1Pi + UX-1Limited + UX-1 + UX-3Pi
Device Type: DVD Player

GENERAL INFORMATION

SIMPLWINDOWS NAME:	Esoteric DV-60 + P-03UNI + UX-1 + UX-1Limited + UX-1Pi + UX-3Pi
CATEGORY:	DVD Player
VERSION:	1
SUMMARY:	This module will control the Esoteric DV-60 + P-03UNI + UX-1 + UX-1Limited + UX-1Pi + UX-3Pi DVD Players.
GENERAL NOTES:	This module will control the Esoteric DV-60 + P-03UNI + UX-1 + UX-1Limited + UX-1Pi + UX-3Pi DVD Players. The module was tested with an Esoteric UX-1; however, it should work for the other models as listed as they share the same RS232 protocol. True feedback is provided for power, transport state, repeat and disc type. The module is synced to the status of the unit by the Poll_Enable input. When this input is high, the unit will be polled every 5 seconds to determine the state of power, transport, disk type and repeat. Not all settings commands work on all models (see manufacturer manuals for instructions on valid settings). This module is System Builder compatible.
CRESTRON HARDWARE REQUIRED:	CNXCOM-2, ST-COM, C2-COM
SETUP OF CRESTRON HARDWARE:	RS232 Baud: 9600 Parity: N Data Bits: 8 Stop Bits: 1 H/W Hand Shaking: RTS/CTS
VENDOR FIRMWARE:	N/A
VENDOR SETUP:	NONE
CABLE DIAGRAM:	CNSP-143

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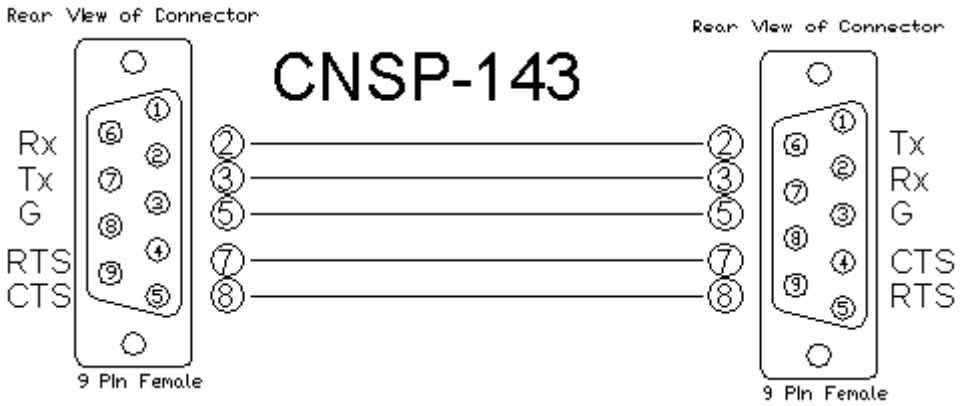

CONTROL:

Power_On/Off/Toggle	D	Pulse to turn unit on and off.
Play/Stop/Pause/Eject	D	Pulse to play, stop, pause or eject the disc.
Forward/Reverse_Search	D	Pulse to put into fast forward or rewind.
Slow_Forward/Reverse	D	Pulse to search in slow forward or slow reverse.
Track_+/-	D	Pulse to skip tracks forward/backward
Group_+/-	D	Pulse to skip groups forward/backward
Enter	D	Pulse to select highlighted item
Up/Down/Left/Right	D	Pulse to move the cursor.
Digit_*	D	Pulse to enter track number.
Play_Area	D	Pulse to select the play area on some DVD-Audio and SACD discs.
Repeat	D	Pulse to cycle repeat modes
Program	D	Pulse to enter program mode.
Display	D	Pulse to change display modes.
Video/DVI/HDMI_Output_Toggle	D	Pulse to turn the desired video outputs on and off.
Front_Panel_Display_Brightness_Cycle	D	Pulse to cycle the brightness of the front panel display.
Top_Menu	D	Pulse to advance to Top Menu.

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Menu	D	Pulse to advance to Menu
Menu_Return	D	Pulse to return to the previous menu.
Multi/2_Channel	D	Pulse to toggle between multi channel and 2 channel output modes.
Lip_Sync	D	Pulse to synchronize audio and video on DVDs.
Angle	D	Pulse to cycle through the camera angles on a DVD.
Subtitle	D	Pulse to cycle through the subtitle settings.
Audio	D	Pulse to select the audio for playback.
Setup	D	Pulse to enter setup mode
Picture_(P-03UNI_UX-1Pi_and_UX-3Pi_only)	D	Pulse to select the video adjust setting. Only available in the P-03UNI, UX-1Pi and UX-3Pi.
Poll_Enable	D	When high, the unit will be polled for it's general settings every 5 seconds
From_Device$	S	Serial signal to be routed from a 2-way serial com port

FEEDBACK:

Power_On/Off_Fb	D	High to indicate the current power status.
Play/Stop/Pause_Fb	D	High to indicate that the disc is playing, stopped or paused.
Disc_Type_*_Fb	D	High to indicate the current type of disc in the player.
Repeat_On/Off_Fb	D	High to indicate that repeat is either on or off. There is no indication of which repeat mode is active.
To_Device$	S	Serial signal to be routed to a 2-way serial com port

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TESTING:

OPS USED FOR TESTING:	v. 3.155.1240
SIMPL WINDOWS USED FOR TESTING:	2.08.41
CRES DB USED FOR TESTING:	18.8.8
SYMBOL LIBRARY USED FOR TESTING:	487
SAMPLE PROGRAM:	Esoteric DV-60 + P-03UNI + UX-1 + UX-1Limited + UX-1Pi + UX-3Pi Demo
REVISION HISTORY:	V. 1.0 – Original Release.

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