Partner: Toshiba
Model: HD-XA2
Device Type: HD-DVD

Certified Module

CERTIFIED
CRESTRON.
Integrated Partner

GENERAL INFORMATION

SIMPLWINDOWS NAME:	Toshiba HD-XA2 HD-DVD
CATEGORY:	Transport Decks
VERSION:	1.0
SUMMARY:	This module provides RS232 control and feedback for the Toshiba HD-XA2 HD-DVD player.
GENERAL NOTES:	This module controls the Toshiba HD-XA2 HD-DVD player. It also provides true feedback. NOTE: This module is for 2-Series processors only.
CRESTRON HARDWARE REQUIRED:	C2I-COM6, C2COM-2/3, ST-COM
SETUP OF CRESTRON HARDWARE:	RS232 Baud: 19200 Parity: None Data Bits: 8 Stop Bits: 1
VENDOR FIRMWARE:	1.5/T20T
VENDOR SETUP:	None
CABLE DIAGRAM:	CNSP-124

CNSP-124

Rx Tx G — 2 3 5 ... 2 3 5 — Tx Rx G

9 Pin Female   9 Pin Female
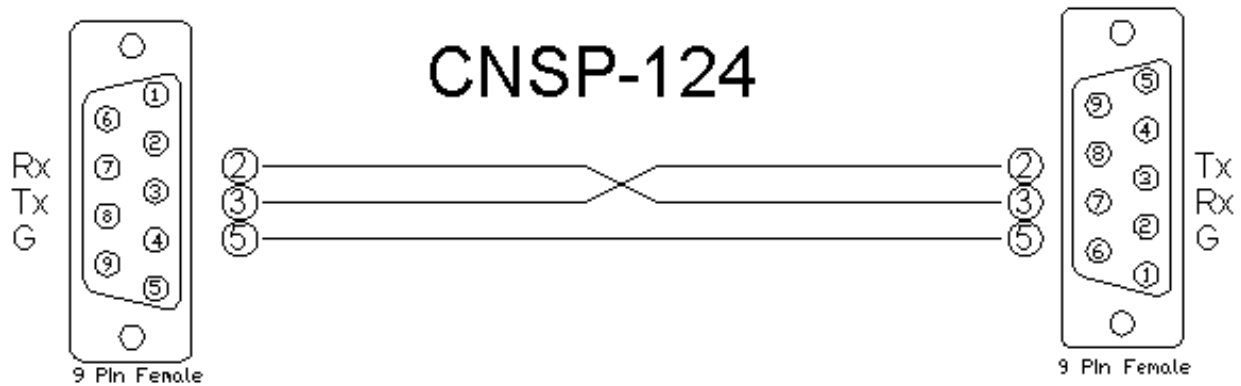
CONTROL:

Power_On/Off/Toggle	D	Pulse to turn the power on and off.
Play/Stop/Pause	D	Pulse to play stop or pause the disc.
Search_Forward/Backward	D	Pulse to cycle through the search forward and backward speeds.
Track+/Track_-	D	Pulse to skip to the next or previous track.
Slow	D	Pulse to cycle through the slow forward speeds.
Open/Close	D	Pulse to open and close the disc tray.
Menu	D	Pulse to go to the disc menu.
Up/Up_Left/Down/Up_Right/Left/ Down_Left/Right/Down_Right_Arrow	D	Pulse to move through the menus.
Enter	D	Pulse to select the highlighted menu item.
Return	D	Pulse to go back to the previous menu.
Setup	D	Pulse to go to the setup menu. This is only possible when the disc is stopped.
Key_*	D	Pulse to enter title number, track number or time in Title_Search mode.
Title(Top_Menu)	D	Pulse to go to the title or top menu.
Step	D	Pulse to advance one frame while a disc is paused. This is not available for all discs.
Display	D	Pulse to turn the on screen display on and off.
Main/Sub	D	Pulse to activate the main/sub function.
Cancel	D	Pulse to activate the cancel function.
Title_Search	D	Pulse to display the search window. This will allow the user to enter a title number, track number or time to jump to. They must hit Enter after entering the number.
Audio	D	Pulse to cycle through the available audio language settings.
Subtitle	D	Pulse to cycle through the available subtitles.

Partner: Toshiba
Model: HD-XA2
Device Type: HD-DVD

CERTIFIED
CRESTRON.
Integrated Partner

Angle	D	Pulse to cycle through the available camera angles.
Clear	D	Pulse to activate the clear function.
Repeat	D	Pulse to turn the on screen repeat menu on and off. To select a repeat mode, pulse repeat, use the up and down arrows to select the desired repeat mode, then pulse Enter.
Tab	D	Pulse to activate the tab function.
Cursor	D	Pulse to activate the cursor function.
A/B/C/D	D	Pulse to use the on screen functions on HD-DVDs.
Resume	D	Pulse to resume playing the disc from where it was stopped. This function Is not available on all discs.
Dimmer	D	Pulse to cycle through the Front Panel LCD Brightness Levels.
Picture	D	Pulse to display the Picture control menu.
Poll_Enable	D	Hold high to enable polling for feedback.
From_Device	S	Serial string to be routed from a 2-way serial com port.

FEEDBACK:

Power_is_On/Off	D	High to indicate the current power state.
Playing/Stopped/Paused	D	High to indicate whether the disc is currently playing, stopped or paused.
Searching_Forward/Backward	D	High to indicate that the disc is in forward or backward search mode.
Playing_Slow_Forward	D	High to indicate that the disc is playing in slow forward mode.
*_in_Tray	D	High to indicate the type of disc in the tray.
*_Repeat_is_On/Off	D	High to indicate the current state of the repeat function.
Front_Panel_Brightness_Level_is_*	D	High to indicate the current front panel LCD brightness level.
To_Device	S	Serial signal to be routed to a 2-way serial com port.

TESTING:

OPS USED FOR TESTING:	3.155.1240
SIMPL WINDOWS USED FOR TESTING:	2.08.44
CRES DB USED FOR TESTING:	18.9.1
SYMBOL LIBRARY USED FOR TESTING:	508
SAMPLE PROGRAM:	Toshiba HD-XA2 Demo
REVISION HISTORY:	V. 1.0