Partner: Optoma
Model: EP759-758-751 DLP Projector
Device Type: TV/Video Projector

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GENERAL INFORMATION

SIMPLWINDOWS NAME:	Optoma EP-759-758-751 Projector.umc
CATEGORY:	TV/Video Projector
VERSION:	1.0
SUMMARY:	This module provides full control of the Optoma EP759, EP758, EP751 Projectors
GENERAL NOTES:	This module provides full control of the Optoma EP759, EP758, and EP751 Projectors. The projector takes about 2 seconds to respond to any command after it is sent.
CRESTRON HARDWARE REQUIRED:	C2-COM, ST-COM
SETUP OF CRESTRON HARDWARE:	RS232 Baud: 9600 Parity: None Data Bits: 8 Stop Bits: 1
VENDOR FIRMWARE:	Firmware: unavailable
VENDOR SETUP:	None
CABLE DIAGRAM:	Proprietary (DB-9 to 4-Pin Mini-Din)

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CONTROL:

Power_On	D	Pulse to Turn On Power
Power_Off	D	Pulse to Turn Off Power
Src_D-Sub_Analog_RGB	D	Pulse to Search for Analog RGB on the HD-15 D-Sub connector
Src_D-Sub_YPbPr	D	Pulse to Search For YPbPr component on the HD-15 D-Sub connector
Src_D-Sub_YCbCr	D	Pulse to Search For YCbCr component on the HD-15 D-Sub connector
Src_D-Sub_SCART	D	Pulse to search for SCART format on the HD-15 D-Sub connector
Src_DVI-Digital_RGB	D	Pulse to search for Digital RGB on the DVI connector
Src_DVI-Analog_RGB	D	Pulse to search for Analog RGB on the DVI connector
Src_DVI-YPbPr	D	Pulse to search for YPbPr component on the DVI connector
Src_DVI-YCbCr	D	Pulse to search for YCbCr component on the DVI connector
Src_Component_YPbPr	D	Pulse to search for YPbPr component on the component input
Src_Component_YCbCr	D	Pulse to search for YCbCr component on the component input
Src_S-Video	D	Pulse to search for S-Video on the S-Video Input
Src_Composite	D	Pulse to search for composite on the composite input
Aspect_*	D	Pulse to select the desired aspect ratio
Mode_*	D	Pulse to optimize the projector settings for the type of source being used
Eco_Mode_*	D	Pulse to turn Economy Mode on or off
Sync	D	Pulse to resync to the current input
Freeze	D	Pulse to freeze the projector output
UnFreeze	D	Pulse to Un Freeze the projector output

Source_Lock_*	D	Pulse to turn Source Lock On or Off
A/V_Mute_*	D	Pulse to turn AV Mute On and Off
Zoom_*	D	Pulse to Zoom In or Out the projected image
Reset	D	Pulse to Reset
Brightness_*	D	Pulse to bring Brightness Up or Down
Contrast_*	D	Pulse to bring Contrast Up or Down
Poll_Lamp_Hours	D	Hold high to Poll the Usage Hours on the Projector Lamp
From_Device$	S	Serial signal to be connected to the RX of the 232 device controlling the projector

FEEDBACK:

Brightness_Bar	A	Feedback indicating the scaled value of the last Brightness value sent to the Projector
Contrast_Bar	A	Feedback indicating the scaled value of the last Contrast value sent to the Projector
Lamp_Hours	A	Analog Feedback indicating the lamp hours reported from the projector the last time the Poll_Lamp_Hours input had transitioned
To_Device$	S	String signal to be connected to the TX side of the com port

TESTING:

OPS USED FOR TESTING:	PRO2: Cntrl Eng [v3.137 (Release)] CNMSX-Pro: 5.14.02x
COMPILER USED FOR TESTING:	2.00.31
SAMPLE PROGRAM:	Optoma EP759-758-751 Projector Demo
REVISION HISTORY:	V. 1.0