

This document provides additional assistance with wiring your Extron IP Link enabled product to your device. Different components may require a different wiring scheme than those listed below.

For complete operating instructions, refer to the user's manual for the specific Extron IP Link enabled product or the controlled device manufacturer supplied documentation.

Device Specifications:

Device Type: Video Projector
Manufacturer: Sanyo
Firmware Version: N/A
Model(s): PDG-DWL100, PDG-DXL100

Version History:

Driver Version	Date	IP Link Compiler	GC Version	Notes
4	6/25/2010	1.4.0	3.0.3	Updated Power Status to bypass the unsolicited responses the projector sends when it is in a cooling down mode. Added QueryEnable command to allow users to turn off querying while the OSD is active.
3	3/30/2010	1.4.0	3.0.3	Extron Certified version. Tested on PDG-DWL100. Updated driver to accommodate for the lack of response when the projector is on standby.
2	11/24/2009	1.4.0	3.0.1	Added operating hours.
1	10/30/2009	1.4.0	3.0.1	Initial version

Driver Notes:

IP Link[™] Device Interface Communication Sheet

Control Commands & States:

Aspect Ratio	Normal	Wide	True
Audio Mute	On	Off	
Auto Image	Execute		
Closed Caption	CC1	CC2	Off
Freeze	On	Off	
Input	HDMI	RGB 1	Component 1
	RGB 2	Component 2	SCART
	Video	S-Video	
Lamp Mode	Normal	Eco	
Power Control	On	Off	
Query Enable	On	Off	
Video Mute	On	Off	
Volume (Discrete)	0 to 10 in steps of 1		
Volume (Step)	Up	Down	

IP Link[™] Device Interface Communication Sheet

Status Available:

Aspect Ratio	Normal	Wide	True
Audio Mute	On	Off	
Closed Caption	CC1	CC2	Off
Connection Status	Connected	Disconnected	
Device Status	Normal	Power Fail	Cooling Down (Abnormal Temp)
	Cooling Down (Lamp Failure)	Status Unavailable	
Freeze	On	Off	
Input	HDMI	RGB 1	Component 1
	RGB 2	Component 2	SCART
	Video	S-Video	
Lamp Mode	Normal	Eco	
Lamp Status	On	Off	Lamp Failure
	Status Unavailable		
Lamp Usage	Hours		
Operating Hours	Hours		
Power Control	On	Off	
Power Status	On	Off	Warming Up
	Cooling Down	Status Unavailable	
Query Enable*	On	Off	
Video Mute	On	Off	
Volume (Discrete)	0 to 10 in steps of 1		

*This command does not reflect any projector status. It is used internally to let the user know if the device is being queried or not.

MLC62 Supported Commands:

Aspect Ratio	Normal	Wide	True
Audio Mute	On	Off	
Auto Image	Execute		
Closed Caption	CC1	CC2	Off
Freeze	On	Off	
Input	HDMI	RGB 1	Component 1
	RGB 2	Component 2	SCART
	Video	S-Video	
Lamp Mode	Normal	Eco	
Power Control	On	Off	
Video Mute	On	Off	
Volume (Discrete)	0 to 10 in steps of 1		
Volume (Step)	Up	Down	

Cable and Adapter Requirements:

See illustration below.

Notes for the Device:

- By default, the projector's power management is set to be in Eco mode. In order to use the RS232 communication, you need to change the following settings:
 - Set Eco Mode to Off.
 - Set Eco Standby Power to Off.
 - Set RS232 Mode to RS232

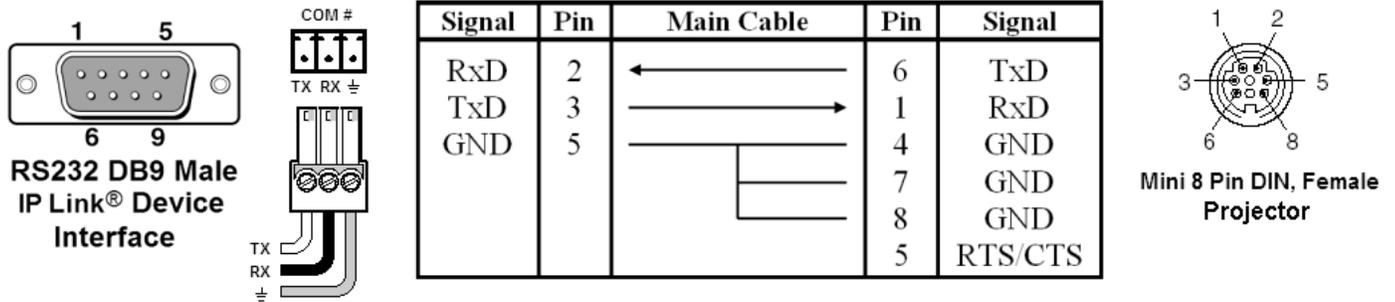
Please refer to the owner's manual for more information.

Serial communication:

Port Type: RS-232
Baud Rate: 9600
Data Bits: 8

Parity: None
Stop Bits: 1
Flow Control: None

Pin Assignments Diagram:



Note: Captive screw connector may also be used as a serial connection.

General Notes: