IPL PRO Device Interface Communication Sheet

This document provides additional assistance with wiring your Extron IPL PRO 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 IPL PRO enabled product or the controlled device manufacturer supplied documentation.

Device Specifications:

Device Type:	Matrix Switcher
Manufacturer:	Extron
Firmware Version:	2.03
Model(s):	XTP 1600, XTP 3200

Version History:

Driver Version	Date	Firmware	GC (Plus/Pro) version	Notes
1	1/1/2014	1.0	1.0	Initial version. Extron Certified. Tested on XTP 1600.

Driver Notes:

- User Defined Command sends User Defined String out of the port.

Control Commands & States:

Audio Mute[1]	On Analog	Off	Digital
Executive Mode	Mode 1	Mode 2	Off
Global Audio Mute	On Analog	Off	Digital
Global Video Mute	On	Off	
Matrix Tie Command[3]	None		
Preset Recall	1-32		
Preset Save	1-32		
Relay[4]	Close	Open	
Relay Pulse[4]	1-65535		
User Defined Command	None		
User Defined String	String		
Video Mute[1]	On	Off	
Volume[1]	0-64		

Status Available:

Audio Mute[1]	On Analog	Off	Digital
Executive Mode	Mode 1	Mode 2	Off
Input Signal[2]	Active	Inactive	
Input Tie Status[5]	Audio None	Video	Audio/Video
Output Tie Status[6]	Input Number		
Relay[4]	Close	Open	
User Defined String	String		
Video Mute[1]	On	Off	
Volume[1]	0-64		

1. These commands require an Output parameter to be set
2. This command requires an Input parameter to be set
3. This Matrix Tie Command requires Input, Output and Tie Type parameter to be set, 0 on an Input is use for breaking the tie.
4. Relay command requires an Output and Relay parameter to be set.
5. This command requires an Input and Output parameter to be set. The status is the tie type between the Input and Output.
6. This command requires an Output and Tie Type parameter to be set. The status is the Input that is tied to the Output with the Tie Type.

Cable and Adapter Requirements:

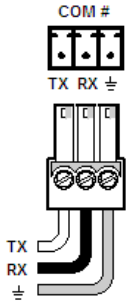
Captive Screw connector to M DB9 RS232 Straight Serial Cable

Notes for the Device:

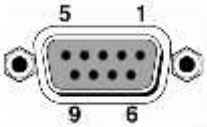
Serial communication:

Port Type:	RS-232	**Parity:**	None
Baud Rate:	9600	**Stop Bits:**	1
Data Bits:	8	**Flow Control:**	None

Pin Assignments Diagram:



Signal	Main Cable	Pin	Signal
TxD		2	TxD
RxD		3	RxD
GND		5	GND



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

General Notes:

Network communication:

When configuring the Ethernet driver, be sure device settings match that of the GC configuration.

Port Type:	Ethernet
Logon Credentials Supported:	Yes
Default Port:	23
Multi-Connection Capable:	Yes
Port Changeable:	Yes

Ethernet Driver Configuration Description:

Please refer to user manual for settings and changes to the network communication parameters such as Port Number. If User password is used for Authentication then control of the device may be limited.

Notes for the Device: