

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: 1.13
Model(s): MTPX Plus 128, MTPX Plus 1616, MTPX Plus 1632, MTPX 168 Plus,
MTPX Plus 3216, MTPX Plus 3232, MTPX Plus 816

Version History:

Driver Version	Date	Firmware	GC (Plus/Pro) Version	Notes
1	01/14/2014	1.0	1.0	Initial version. Tested on MTPX 128 Plus

Driver Notes:

- User Defined command takes a string parameter and sends the string out of the port.
- For Room Preset functionality, rooms need to be set up in Extron's Matrix Switchers control program before these commands will work on the device.

**IPL PRO Device Interface
Communication Sheet****Control Commands & States:**

Audio Gain and Attenuation ⁵	-18 to +24 in steps of 1		
Audio Mute ¹	On	Off	
Executive Mode	Mode 1	Mode 2	Off
Global Audio Mute	On	Off	
Matrix Tie Command ²	0-65535		
Preset Recall	1-32		
Preset Save	1-32		
User Defined Command	None		
User Defined String	String		
Output Insert ¹	On	Off	
Volume ¹	0-64		

IPL PRO Device Interface Communication Sheet

Status Available:

Audio Gain and Attenuation ⁵	-18 to +24 in steps of 1		
Audio Mute ¹	On	Off	
Connection Status	Connected	Disconnected	
Executive Mode	Mode 1	Mode 2	Off
Input Tie Status ³	Audio	Video	Audio/Video
Output Tie Status ⁴	Input Number		
Output Insert ¹	On	Off	
User Defined String	String		
Volume ¹	0-64		

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

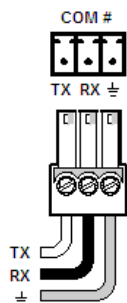
Cable and Adapter Requirements:

Captive screw/M DB9 RS232 Serial Cable

Serial communication:

Port Type: RS-232
Baud Rate: 9600,19200,38400,115200
Data Bits: 8

Parity: None
Stop Bits: 1
Flow Control: None

Pin Assignments Diagram:

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

**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: