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: Audio Processor
Manufacturer: Symetrix
Firmware Version: N/A
Model(s):   Solus 16, Solus 8, Symnet Express 8x8 Cobra, Symnet 8x8 DSP

Version History:

Driver Version	Date	IP Link Compiler	GC Version	Notes
12	3/8/2013	1.5.1	3.3.2	Extron Certified Version. Updating Driver to latest standards.
10	9/18/2012	1.5.1	3.3.2	Added Model Symnet 8x8 DSP.
9	5/23/2012	1.5.1	3.3.2	Added Control Set 1-30 Group Select and Volume 1-30 and Group Mute 1-30.
8	3/13/2012	1.5.1	3.3.1	Extron Certified. Tested on Solus 8.
7	1/3/2012	1.5.1	3.3.1	Added sets G to L.
6	12/13/2011	1.4.0	3.2.0	Added model Solus 16. Fixed A to F level and mute status. Fixed Status table in the communication sheet.
5	09/06/2011	1.4.0	3.2.0	Modified driver to have 6 different sets of commands.
4	07/05/2011	1.4.0	3.2.0	Added model Solus 8.
3	1/13/2011	1.4.0	3.0.4	Fixed Controller Position.
2	11/22/2010	1.4.0	3.0.4	Added Controller Number and Position. Remove Connection Status.
1	01/29/2010	1.4.0	3.0.2	Initial version.

Driver Notes:

- You must choose the controller number you want to control before sending Volume (discrete) commands or mute commands or getting status for these commands.
- Choose a controller number in Controller Set 1-30 Group Select before sending the respective Volume 1-30 command or Group Mute 1-30 command. These commands allow for tracking of multiple volume levels and must be selected before getting any status.
- The Driver has been optimized for Volume.

**IP Link® Device Interface
Communication Sheet**

Control Commands & States:

Controller Number	1-150	
Controller Set 1-30 Group Select	1-150	
Volume 1-30	-72 to 12 in steps of 1	
Group Mute 1-30	On	Off
Mute	On	Off
Preset Recall	1-30	
Volume (Discrete)	-72 to 12 in steps of 1	

Status Available:

Connection Status	Connected	Disconnected
Preset Recall	1-30	
Volume 1-30	-72 to 12 in steps of 1	
Mute 1-30	On	Off
Volume (Discrete)	-72 to 12 in steps of 1	

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MLC60 Series Supported Commands:

Preset Recall	1-30

Cable and Adapter Requirements:

M/F RS-232 Straight Serial Cable (Extron Electronics P/N 26-433-XX)
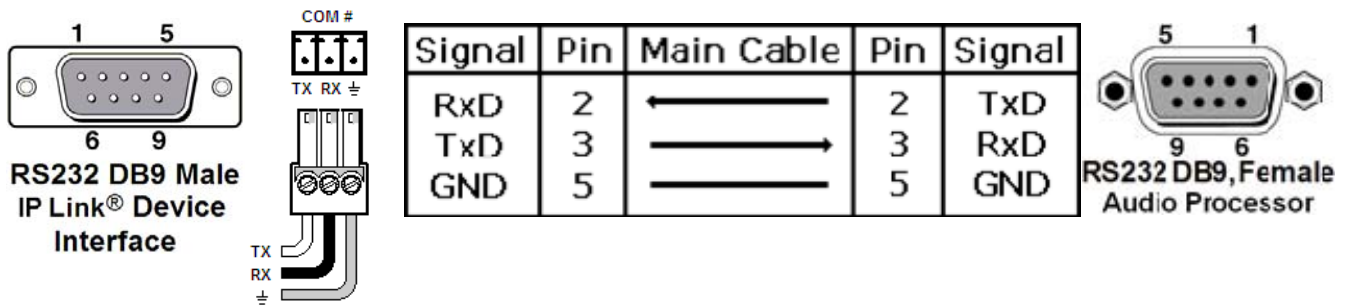
Notes for the Device:

Controller number corresponds to the controller number that is set up through the manufacturer software for the device.

Serial communication:

Port Type:	RS-232		**Parity:**	None
Baud Rate:	38400		**Stop Bits:**	1
Data Bits:	8		**Flow Control:**	None

Pin Assignments Diagram:

Signal	Pin	Main Cable	Pin	Signal
RxD	2	←	2	TxD
TxD	3	→	3	RxD
GND	5	—	5	GND

RS232 DB9 Male
IP Link® Device
Interface

RS232 DB9, Female
Audio Processor

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

General Notes: