

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: Yamaha
Firmware Version: N/A
Model(s): DME24N, DME4io-C, DME64N, DME8i-C, DME8o-C

Version History:

Driver Version	Date	IP Link Compiler	G C Version	Notes
3	8/19/2010	1.4.0	3.0.3	Modified driver to have 6 different set of commands.
1	1/14/2010	1.4.0	3.0.2	Initial version.

Driver Notes:

Driver is not recommended for passthrough mode.

For user configuration flexibility, the driver contains 6 groups of configurable commands. The commands are group in Set A, Set B, Set C, Set D, Set E and Set F. In order for any Parameter and Relative command to work properly, an Index should be selected first. Index should be unique between the different set of commands. For example, Set A Index will be use for Set A Parameter and Set A Relative and in the same manner for the other commands. A step size needs to be selected in order for the Relative command to work correctly. Set A Step Size will work with Set A Relative. This applies to the other set of commands also.

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IP Link[™] Device Interface Communication Sheet

Control Commands & States:

Audio Mute	On	Off	
Preset Recall	1-24		
Set A Index	1-255		
Set A Parameter	0 to 1023 in steps of 1		
Set A Relative	Up	Down	
Set A Step Size	1	2	4
	8	16	32
	64	128	256
Set B Index	1-255		
Set B Parameter	0 to 1023 in steps of 1		
Set B Relative	Up	Down	
Set B Step Size	1	2	4
	8	16	32
	64	128	256
Set C Index	1-255		
Set C Parameter	0 to 1023 in steps of 1		
Set C Relative	Up	Down	
Set C Step Size	1	2	4
	8	16	32
	64	128	256
Set D Index	1-255		
Set D Parameter	0 to 1023 in steps of 1		
Set D Relative	Up	Down	
Set D Step Size	1	2	4
	8	16	32
	64	128	256
Set E Index	1-255		

**IP Link[™] Device Interface
Communication Sheet**

Set E Parameter	0 to 1023 in steps of 1		
Set E Relative	Up	Down	
Set E Step Size	1	2	4
	8	16	32
	64	128	256
Set F Index	1-255		
Set F Parameter	0 to 1023 in steps of 1		
Set F Relative	Up	Down	
Set F Step Size	1	2	4
	8	16	32
	64	128	256

**IP Link[™] Device Interface
Communication Sheet**

Status Available:

Connection Status	Connected Disconnected
Set A Parameter	0 to 1023 in steps of 1
Set B Parameter	0 to 1023 in steps of 1
Set C Parameter	0 to 1023 in steps of 1
Set D Parameter	0 to 1023 in steps of 1
Set E Parameter	0 to 1023 in steps of 1
Set F Parameter	0 to 1023 in steps of 1

MLC62 Supported Commands:

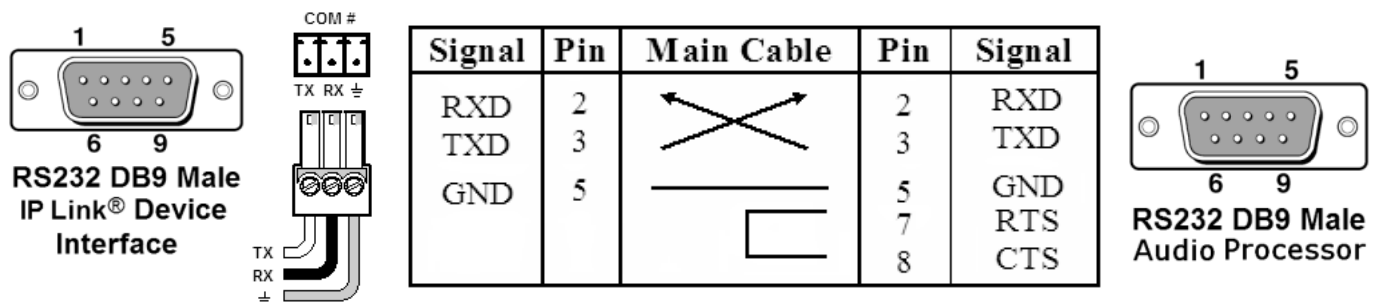
Audio Mute	On Off
Preset Recall	1-24

Cable and Adapter Requirements:

F/F RS-232 Null Modem Serial Cable

Notes for the Device:

When configuring the Remote Control Setup List, Type needs to be set to Curve Table in order for driver to work correctly.

Serial communication:**Port Type:** RS-232**Baud Rate:** 38400**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: