

This document provides additional assistance with wiring your Extron IP Link® Pro Series 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® Pro Series enabled product or the controlled device manufacturer supplied documentation.

Device Specifications

Device Type: Audio Processor
Manufacturer: Powersoft
Firmware Version: v1.8.7.16
Model(s): Quattrocanali 1204 DSP+D, Quattrocanali 2404 DSP+D, Quattrocanali 4804 DSP+D, Ottocanali 12K4 DSP+D, Ottocanali 8K4 DSP+D, Ottocanali 4K4 DSP+D, Duecanali 804 DSP+D, Duecanali 1604 DSP+D, Duecanali 4804 DSP+D

Tested on the Following Software and Firmware Versions

GC (Plus, Pro) Version	3.5.1.3
IP Link Pro Control Processor Firmware	3.04.0002-b003
MediaLink Plus Controller Firmware	3.01.0000-b005
HC 400 Series Firmware	2.03.0000-b004
TLC Pro 526M Firmware	3.04.0000-b006

Version History

Driver Version	Date	Notes
1_1_0	11/21/2019	Extron Certified. Tested on Ottocanali 12K4 DSP+D. Added models: Duecanali 1604 DSP+D, Duecanali 4804 DSP+D, Duecanali 804 DSP+D, Ottocanali 12K4 DSP+D, Ottocanali 8K4 DSP+D, Ottocanali 4K4 DSP+D. Fixed: Power Status, Step Size for Input & Output Gain, channel number for Quattrocanali Series.
1_0_1	7/5/2018	Fixed Power command.
1_0_0	6/21/2018	Initial Version

Driver Notes

- User Defined command takes a string parameter and sends the string out of the port.
- Only Power Command will be sent to the device when it is Off.

Driver Timings

- Recommended repeat rate for this driver is .1 seconds.

Control Commands & States

Input Gain			
Channel	1 – 2 ¹	1 – 4 ²	1 – 8 ³
Value	-60 to 15 in steps of 0.1 dB		
Input Mute			
Channel	1 – 2 ¹	1 – 4 ²	1 – 8 ³
Value	On	Off	
Output Gain			
Channel	1 – 2 ¹	1 – 4 ²	1 – 8 ³
Value	-60 to 15 in steps of 0.1 dB		
Output Mute			
Channel	1 – 2 ¹	1 – 4 ²	1 – 8 ³
Value	On	Off	
Power			
Value	On	Off	
Preset Delete			
Value	0 – 200		
Preset Recall			
Value	0 – 200		
Preset Save			
Value	0 – 200		
User Defined Command			
Value	None		
User Defined String			
Value	String		

¹ Only available for Duecanali series.

² Only available for Quattrocanali series.

³ Only available for Ottocanali series.

Status Available

Connection Status ^{RP}			
Value		Connected	Disconnected
Input Gain			
Channel		1 – 2 ¹	1 – 4 ²
Value		-60 to 15 in steps of 0.1 dB	
Input Mute			
Channel		1 – 2 ¹	1 – 4 ²
Value		On	Off
Output Gain			
Channel		1 – 2 ¹	1 – 4 ²
Value		-60 to 15 in steps of 0.1 dB	
Output Mute			
Channel		1 – 2 ¹	1 – 4 ²
Value		On	Off
Power			
Value		On	Off
User Defined String			
Value		String	

¹ Only available for Duecanali series.

² Only available for Quattrocanali series.

³ Only available for Ottocanali series.

^{RP} Connection Status is based off of the following string:

\x02\x0E\x00\x00\x04\x00\xZZ\xZZ\x00\x00\x00\x00\x00\x00\xF1\x03 where \xZZ\xZZ is Reply Port

Network communication

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

Port Type:	Ethernet
Device Listen Port:	1234
Device Reply Port:	1234
Logon Credentials Supported:	No
Multi-Connection Capabilities:	Yes
Listen Port Changeability:	No
Reply Port Changeability:	Yes

Ethernet Driver Configuration Description

Please refer to user manual for settings and changes to the network communication

Notes for the Device

- When using multiple UDP drivers within the same configuration each driver should have a unique 'Reply on Port' number due to the nature of UDP communication. If you have a driver with a fixed 'Reply on Port' number, only one instance of the driver can be used within the configuration.
- Do not use Reply Port 0 when you want to use 1234 as mentioned in the protocol, instead set it to 1234.