

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: Other
 Manufacturer: Sennheiser
 Firmware Version: 0.9.21.dbg
 Model(s): TeamConnect Bar S - TEST

Tested on the Following Software and Firmware Versions

GC (Plus, Pro) Version	3.23.0.5
IP Link Pro Control Processor Firmware	3.17.0000-b002
MediaLink Plus Controller Firmware	3.04.0000-b001
IP Link Pro Control Processor xi Firmware	1.08.0000-b005
MediaLink Plus Controller Firmware	3.04.0000-b001
HC 400 Series Firmware	2.11.0001-b004
TLP Pro x25 and TLC Pro x26 Series Firmware	3.10.0000-b002
TLP Pro 300M Firmware	1.05.0000-b002

Version History

Driver Version	Date	Notes
1_0_0	3/21/2024	Extron Certified. Tested on TeamConnect Bar S. Test Version.

Driver Notes

- The “SSL Verify Mode” driver parameter (“On” by default) must be set appropriately:
 - “On” if a certificate signed by a trusted Certificate Authority (CA) is loaded to the device.
 - “Off” if a self-signed certificate is loaded to the device.
 - Off will only work with IP Link Control Processor Firmware 3.04.0001-b002 and above.
 - A self-signed certificate may already be loaded by factory default, therefore, Off must be used.

Driver Timings

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

Control Commands & States

Bluetooth Mode			
Value	Enabled	Disabled	
Exclusion Zone Mode			
Zone	1 – 3		
Value	On	Off	
Identify			
Value	On	Off	
Internal Mic Custom EQ			
125	-8 – 8		
250	-8 – 8		
500	-8 – 8		
1K	-8 – 8		
2K	-8 – 8		
4K	-8 – 8		
8K	-8 – 8		
Value	None		
Internal Mic Noise Gate Mode			
Value	Activated	Deactivated	
LED Brightness			
Value	Off	1 – 5	
Microphone Mute			
Value	Activated	Deactivated	
Priority Zone Mode			
Value	On	Off	
Sound Profile			
Value	Wallmount	Table Top	Under Display
	Above Display	Free Standing	Custom

Speaker Custom EQ	
125	-8 - 8
250	-8 - 8
500	-8 - 8
1K	-8 - 8
2K	-8 - 8
4K	-8 - 8
8K	-8 - 8
Value	None
Speaker Output	
Value	0 to 100 in steps of 1 %

Status Available

Bluetooth Input Level			
Value	-60 – 0		
Bluetooth Mode			
Value	Enabled	Disabled	
Connection Status ^{RP}			
Value	Connected	Disconnected	
Device Location			
Value	String		
Device Name			
Value	String		
Device Product			
Value	String		
Device Serial Number			
Value	String		
Device State			
Value	String		
Exclusion Zone Mode			
Zone	1 – 3		
Value	On	Off	
Identify			
Value	On	Off	
Internal Mic Beam			
Value	16 – 165		
Internal Mic Custom EQ Status			
Frequency	125	250	500
	1K	2K	4K
	8K		
Value	-8 – 8		

Internal Mic Level			
Value	-60 – 0		
Internal Mic Noise Gate Mode			
Value	Activated	Deactivated	
LED Brightness			
Value	Off	1 – 5	
Microphone Mute			
Value	Activated	Deactivated	
Priority Zone Mode			
Value	On	Off	
Sound Profile			
Value	Wallmount Above Display	Table Top Free Standing	Under Display Custom
Speaker Custom EQ Status			
Frequency	125	250	500
	1K	2K	4K
	8K		
Value	-8 – 8		
Speaker Output			
Value	0 to 100 in steps of 1 %		
USB Input Level			
Value	-60 – 0		

^{RP} Connection Status is based off of the following string: <https://IP-ADDRESS/api/audio/inputs/internalMic/mute>

Network communication

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

Port Type:	Ethernet (HTTPS)
Default Port:	443
Logon Credentials	Yes
Supported:	
Multi-Connection	Yes
Capabilities:	
Port Changeability:	No

Ethernet Driver Configuration Description

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

Notes for the Device

For driver functionality, please ensure that 3rd Party Access is enabled within the "Access" tab of the device properties.