

ZIGEN

COMPLETE HD/IP CONNECTIVITY SOLUTIONS

Model: HXL-44 / 88

Device Type: Video Switcher

Control System:



| GENERAL INFORMATION | |
|------------------------------------|---|
| SUMMARY: | Controls matrix switch, EDID, and plug status. |
| GENERAL NOTES: | <p>This device is equipped with an RS-232 and a LAN port, and can be controlled either via TCP/IP or RS-232</p> <p>All inputs/outputs with names surrounded by square braces are optional, and do not need to have signals defined on them. Signals 5-8 are unused when this module is controlling an HXL-44.</p> |
| CRESTRON HARDWARE REQUIRED: | 2-Series or 3-Series Processor with available RS-232 COM Port or Ethernet Port. |
| SETUP OF CRESTRON HARDWARE: | <p>RS232: Baud: 9600 Parity: None Data Bits: 8 Stop Bits: 1 Flow Control: None</p> <p>TCP/IP: TCP/IP Client on port 23</p> |
| CABLE: | <p>CNSP-121</p> <p>9 Pin Female 9 Pin Male</p> |

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| CONTROL | | |
|--|---|--|
| From_Device | S | Serial information returned from device via a 2-way com port or TCP/IP Client (port 23). |
| [TCP/IP Status] | A | Connect from the “status” output on the TCP/IP Client. (Leave disconnected for RS-232.) |
| [Recall_Preset-1] through [Recall_Preset-8] [Store_Preset-1] through [Store_Preset-8] | D | Recalls or stores the corresponding preset of input/output connections when input goes high. High/1 (rising edge) = Recall/Store Preset |
| [VideoOut-1] through [VideoOut-8] | A | Selects the input to be switched to the corresponding output. Valid values are 0 - 8d on the HXL-88 and 0 - 4d on the HXL-44. (0d = No source.) |
| [Poll_Plug_Status], [Poll_Outputs], [Poll_All] | D | Refreshes the Input_Connected outputs Refreshes the VideoOut-fb outputs Refreshes both of the above |
| [EDID_From_Out-1] through [EDID_From_Out-8] | D | All input ports learn EDID data from the selected output port. |

| FEEDBACK | | |
|--|---|--|
| To_Device | S | Serial information sent to device via a 2-way com port or TCP/IP Client (port 23). |
| [Connect] | D | Connect to the “Connect” input on the TCP/IP Client. (Leave disconnected for RS-232.) |
| [Input_Connected-1] through [Input_Connected-8] [Output_Connected-1] through [Output_Connected-8] | D | Indicates whether a device is plugged into the corresponding HDMI input or output. This signal is updated via the Poll_Plug_Status or Poll_All inputs. High/1 = Device is connected to port. Low/0 = No device detected on port. |
| [VideoOut_fb-1] through [VideoOut_fb-1] | A | Reports the currently active source for the corresponding output. This signal is updated via the Poll_Outputs input or Poll_All input, and is updated automatically when the VideoOut input changes or a preset is recalled. |

| PARAMETER | | |
|-----------|--|--|
| Model | | Select whether an HXL-44 or HXL-88 is connected. Note: Control and Feedback signals numbered 5-8 are non-functional when the HXL-44 is selected, and there is no need to connect signals to them. |

(Inputs and outputs in square braces are optional and do not need signals connected to them in SIMPL Windows.)