

**Partner:** L-Acoustics  
**Model:** L-ISA Processor  
**Device Type:** Surround Sound Processor



## GENERAL INFORMATION

<b>SIMPLWINDOWS NAME:</b>	L-ISA Processor
<b>CATEGORY:</b>	MULTI-CHANNEL AUDIO PROCESSOR
<b>VERSION:</b>	V1.0.0
<b>SUMMARY:</b>	The module provides monitoring and control over HTTP
<b>GENERAL NOTES:</b>	This module is for the control of one L-ISA Processor
<b>CRESTRON HARDWARE REQUIRED:</b>	3-Series Processor, 4-Series Processors
<b>SETUP OF CRESTRON HARDWARE:</b>	<p>The Crestron Control Processor's IP address usually is in the same subnet as the L-ISA Processors (typically 192.168.1.x/255.255.255.0, but other classes are possible, see the L-ISA Processor user manual).</p> <p>Currently the L-SA Processor does not have an IP Gateway in its network settings. This means that the Crestron Control Processor and the L-ISA Processor (Control network interface) must be set on the same subnet.</p>
<b>VENDOR FIRMWARE:</b>	L-ISA Processor minimum firmware version: v2.4.0
<b>VENDOR SETUP:</b>	L-ISA Processor connected to the Ethernet Network

## SUPPORT CONTACT

<b>COMPANY NAME:</b>	L-Acoustics
<b>SUPPORT CONTACT:</b>	Application, Electronics / AV Control System
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## RELEASE NOTES

- **Version 1.0.0** (May 2022)

Initial release.

CONTROL	
<b>Connect</b>	<p>The <b>Connect</b> signal is used to activate the functions of the module.</p> <p>D As soon as this signal is HIGH, the module starts the polling to the L-ISA Processor over HTTP. When the connection is successful, all other input signals are effective. When the signal is LOW, the module stops all network operations and input signals are not effective.</p>
<b>Power_On Shut_Down</b>	<p><b>Power_On</b> and <b>Shut_Down</b> react to rising edges.</p> <p><b>Note: Power_On and Shut_Down features are only compatible with L-ISA Processor II.</b></p> <p>D <b>Note: Shut_Down is not effective when the L-ISA Processor is locked by L-ISA Controller software (output signal Locked_fb is HIGH). An HTTP 403 error will be raised.</b></p> <p>Setting these signals HIGH turns the L-ISA Processor On or Off.</p>
<b>Recall_Configuration_[XX]</b>	<p><b>Recall_Configuration_[XX]</b> react to rising edges.</p> <p>D Push these signals to recall one of the existing Configuration memory slots stored inside of the L-ISA Processor.</p> <p><b>Note: Recall_Configuration_[XX] is not effective when the L-ISA Processor is locked by L-ISA Controller software (output signal Locked_fb is HIGH). An HTTP 403 error will be raised.</b></p>

## FEEDBACK

<b>Online_fb</b>	D	This signal is HIGH when the L-ISA Processor is available and connected. This signal is LOW when the L-ISA Processor is not available or when the module is not connected.
<b>Display_Name\$</b>	S	Name of the connected L-ISA Processor
<b>Firmware_Version\$</b>	S	Current firmware version of the L-ISA Processor
<b>Unique_ID\$</b>	S	Unique ID of the connected L-ISA Processor
<b>Locked_fb</b>	D	HIGH = an instance of L-ISA Controller software is currently connected to the L-ISA Processor. The L-ISA Processor is locked and all operations from Crestron are disabled.  LOW = the L-ISA Processor is not locked. Operations from Crestron are enabled.
<b>Error_Present_fb</b>	D	HIGH = an error is present in the module (see <b>Error_Message\$</b> for details). LOW = no error present in the module.
<b>Error_Message\$</b>	S	This signal gives details on the nature of the errors present in the module or the unit. If several errors occur, they are delimited by '\r' (\x0D) carriage return characters.
<b>Current_Configuration_Number#</b>	A	If a configuration is currently loaded, this signal represents its index (from 1 to 20).  If no configuration is loaded, this signal equals 0.
<b>Current_Configuration_Name\$</b>	S	Name of the currently loaded configuration. Empty if no configuration is loaded.
<b>Configuration_[XX]_Name</b>	S	Each signal gives the name of the available configuration stored on the L-ISA Processor. When there is no valid configuration at a given index, then its name is empty.

## PARAMETERS

<b>IpAddress</b>	S	IP address of the L-ISA Processor to connect to, for example "192.168.1.100".  The IP address must be in the following ranges: <ul style="list-style-type: none"> <li>- 10.0.0.1 – 10.255.255.254 (Class A)</li> <li>- 172.16.0.1 – 172.31.255.254 (Class B)</li> <li>- 192.168.0.1 – 192.168.255.254 (Class C)</li> <li>- 100.64.0.1 – 100.127.255.254 (SAS)</li> <li>- 169.254.0.1 – 169.254.255.254 (APIPA)</li> </ul>
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## TESTING

<b>OPS USED FOR TESTING:</b>	RMC3 1.8001.4788.22932
<b>SIMPL WINDOWS USED FOR TESTING:</b>	4.1700.03
<b>CRESTRON DB USED FOR TESTING:</b>	209.0500.001.00
<b>DEVICE DB USED FOR TESTING:</b>	200.14000.001.00
<b>SAMPLE PROGRAM:</b>	Demo