

L-ACOUSTICS AV CONTROL SYSTEMS

FEATURE OVERVIEW

January 2026



INTRODUCTION

L-Acoustics sound systems integrate seamlessly with AV control solutions in both Pro Audio and Architectural (residential, hospitality, etc.) applications, leveraging the Ethernet connectivity of L-Acoustics electronics products as amplified controllers and audio processors.

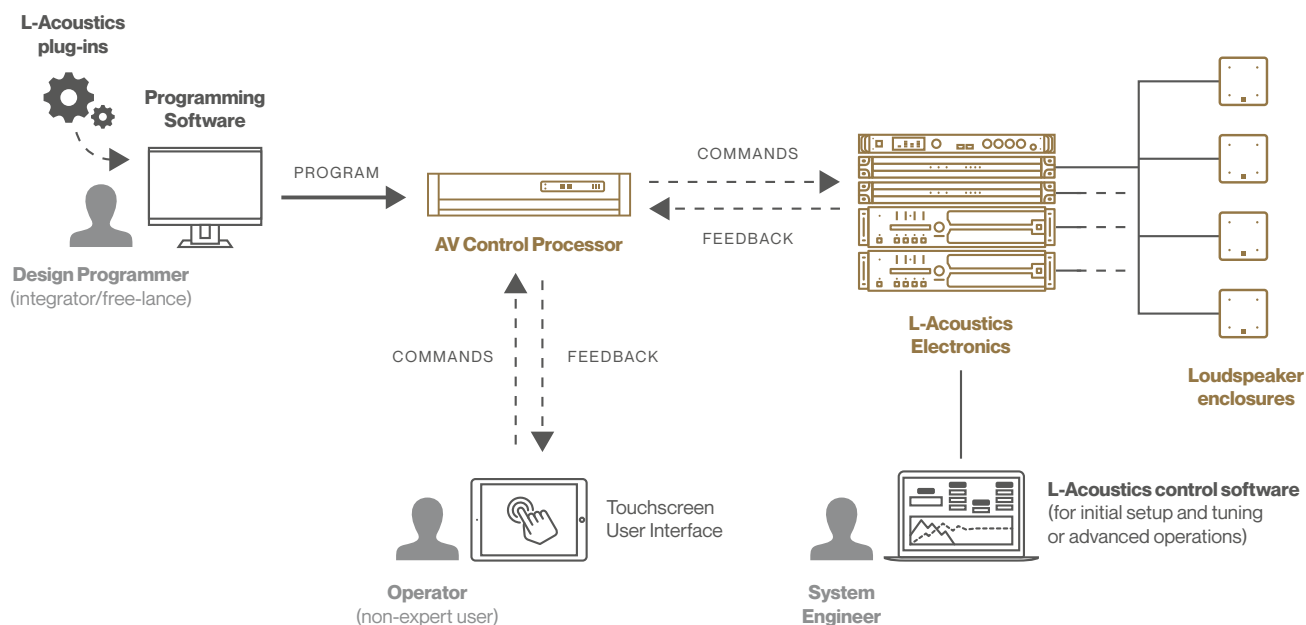
Typical venues and projects taking advantage of AV Control Systems:

- Sports venues
- Home Entertainment installations
- Cruise ships
- Performing Art Centers
- Theme Parks
- Hospitality
- Live & Night Clubs
- Houses of Worship

L-Acoustics partners with the major control system providers to elevate the experience of the end users, with the following example application:

- controlling the sound system using touch screen interfaces
- integrating with home automation for a smooth AV experience
- automating the control of the loudspeaker system with pre-defined scenarios, system events or schedulers, and other AV components
- monitoring the health of the system and reporting faults
- managing sound system presets
- fulfilling Voice Alarm requirements for continuous monitoring of the venue
- other applications...

For each control platform, L-Acoustics provides plug-ins or drivers to be used within the project design software offered by the control system manufacturer.



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COMPATIBLE SOLUTIONS

	Partner Processors or Controllers	L-Acoustics Products
 https://www.qsys.com/ https://www.qsys.com/alliances-partnerships/l-acoustics/	vCore Core Nano Core 8 Flex Core 110f Core 5200 Core 24f Server Core X10 Server Core X20r	LA2Xi LA4X LA12X LA7.16(i) LA1.16i LA4 LA8 L-ISA Processor L-ISA Processor II P1 LC16D
 https://www.crestron.com	3-Series Controllers 4-Series Controllers	LA2Xi LA4X LA12X LA7.16(i) LA1.16i LA4 LA8 L-ISA Processor L-ISA Processor II P1
 https://www.control4.com	Core X Controllers EA-X Controllers CA-X Controllers	LA2Xi LA4X LA12X
 https://www.savant.com	Smart Hosts Pro Hosts	LA2Xi LA4X LA12X



DOWNLOADING PLUGINS AND DRIVERS

Q-SYS

The L-Acoustics plug-ins are available directly from the Q-SYS Library.

Links: [L-Acoustics Q-SYS alliance page](#)
[L-Acoustics Q-SYS Library](#)

CRESTRON

The L-Acoustics modules for Crestron can be downloaded from the Crestron Application Market

Link: [L-Acoustics on Crestron Market](#)

CONTROL4

The L-Acoustics driver package for Control4 is available in the Documentation Center of the L-Acoustics website, in the downloads section of the compatible electronics products ([LA2Xi](#), [LA4X](#), [LA12X](#))

Link: [L-Acoustics Documentation Center \(LA2Xi page\)](#)
[Direct download](#)

SAVANT

The L-Acoustics driver package for Savant Systems is available in the Documentation Center of the L-Acoustics website, in the download section of the compatible electronics products ([LA2Xi](#), [LA4X](#), [LA12X](#))

Links: [L-Acoustics Documentation Center \(LA2Xi page\)](#)
[Direct download](#)

OTHER CONTROL SOLUTIONS

HTTP API for Amplified Controllers, P1, LC16D and LS10

The documentation of the HTTP API for these products is available in the Documentation Center of the L-Acoustics website and can be accessed from the downloads section of each product. For assistance regarding the products listed above and their operation with the HTTP API, contact L-Acoustics at:

Link: avcontrol@l-acoustics.com

L-ISA PROCESSOR HTTP API

The documentation of the HTTP API for the L-ISA Processor and L-ISA Processor II is available in the Documentation Center of the L-Acoustics website and can be accessed from the downloads section of L-ISA Processor II.

Links: [L-Acoustics Documentation Center \(L-ISA Processor II page\)](#)
[Direct Link](#)

CONTACT

For any additional information or assistance with third-party control and integration with L-Acoustics products please use the following email address.

Link: avcontrol@l-acoustics.com

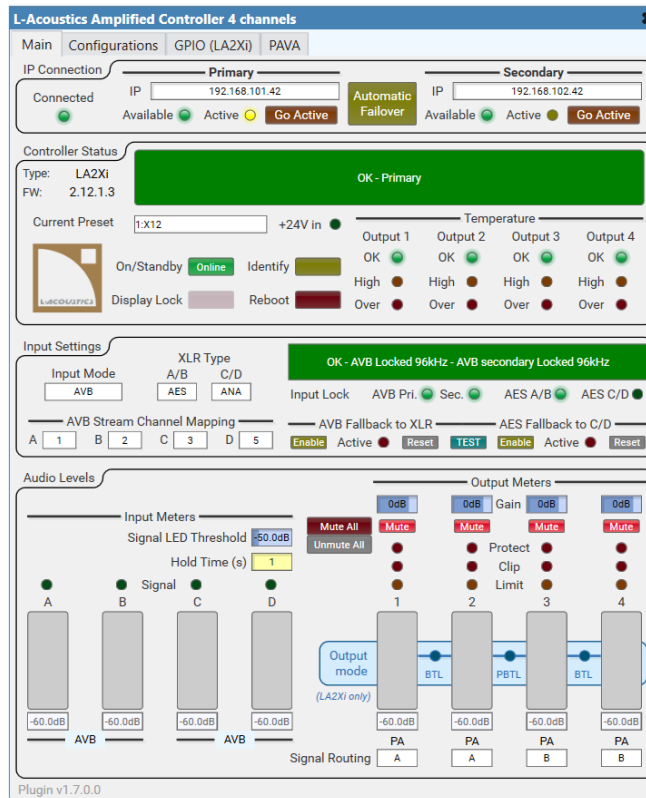


APPENDIX A: AMPLIFIED CONTROLLERS FEATURES COMPATIBILITY

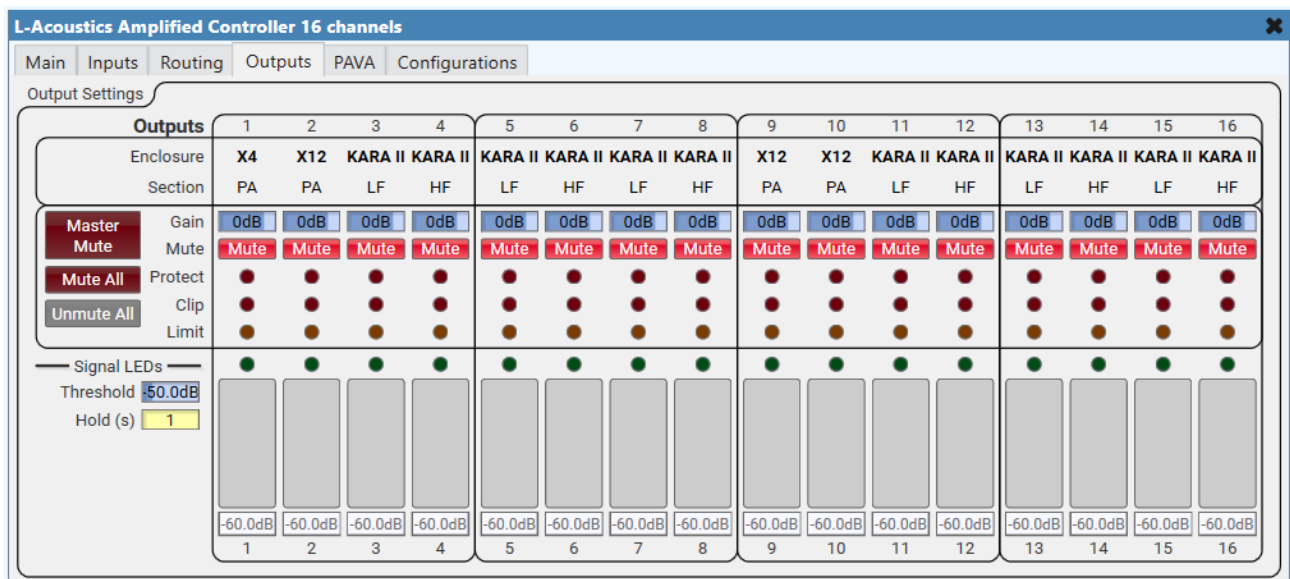
		Q-SYS	Crestron	Control4	Savant	HTTP API
Power management & monitoring	Power/Standby	✓	✓	✓	✓	✓
	Panel lock	✓	✓			
	LCD/LED brightness			✓		✓
	Reboot	✓				✓
	Temperature	✓	✓			✓
	Fuse Protect	✓	✓			✓
Presets/ configurations management	User preset loading	✓	✓			✓
	Configuration recall	✓	✓			✓
	Configuration store	✓	✓			✓
Input management	Source selection (Network audio, AES/EBU, Analog)	✓	✓	✓		✓
	Digital input status	✓	✓			✓
	Fallback control	✓	✓			✓
	Input level meters	✓	✓			✓
Output management	Gain	✓	✓	✓	✓	✓
	Mute	✓	✓	✓	✓	✓
	Delay					✓
	Output level meters	✓	✓			✓
	Limit / Clip / Protect	✓	✓			✓
	Routing	✓	✓	✓	✓	✓
PA/VA system monitoring	Status monitoring	✓	✓			✓
	Pilot tone	✓	✓			✓
	AES/EBU input status	✓	✓			✓
	Network audio input status	✓	✓			✓
	Speaker monitoring	✓	✓			✓

Q-SYS PLUG-IN USER INTERFACE EXAMPLES

4-channel amplified controllers (LA2Xi/LA4X/LA12X/LA4/LA8)



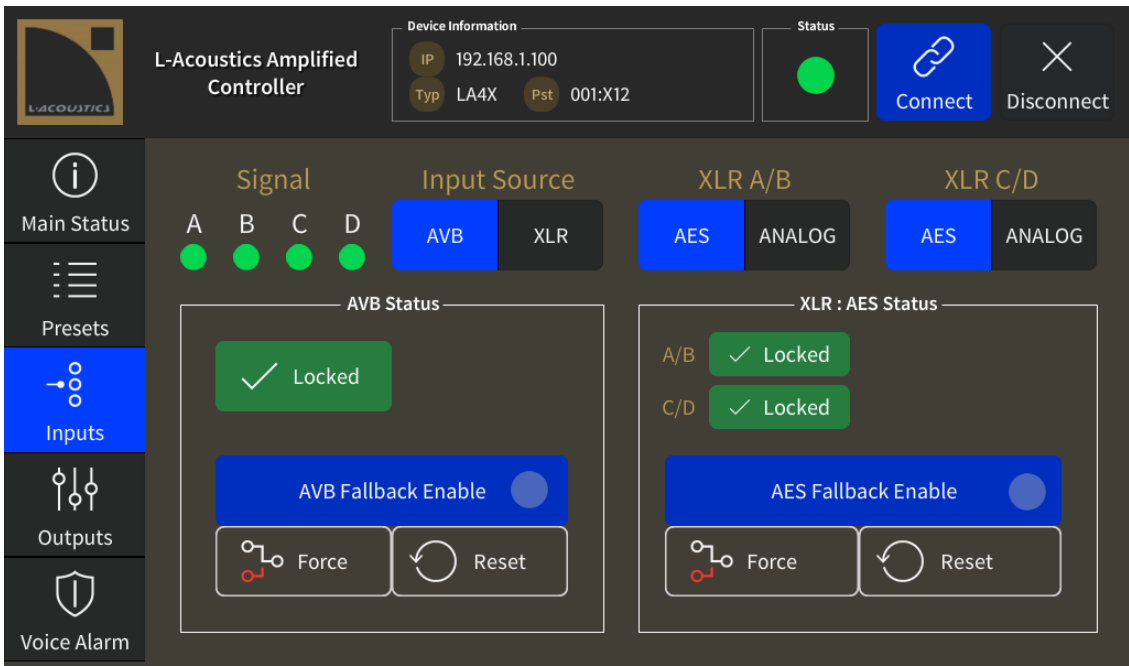
16-channel amplified controllers (LA1.16i, LA7.16(i))



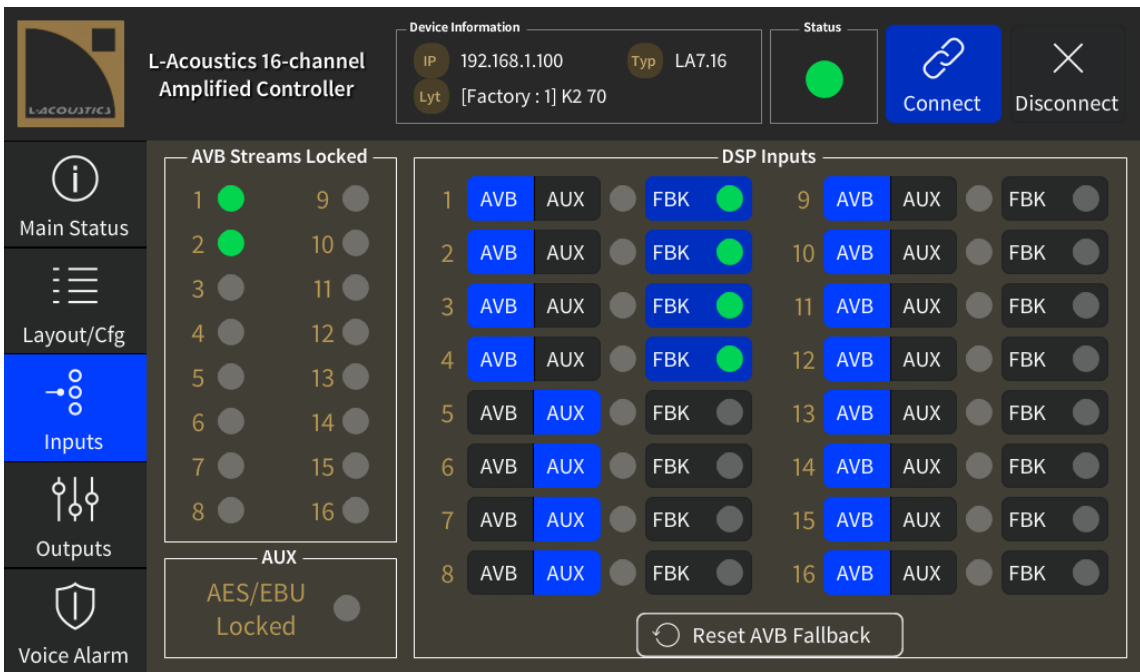


CRESTRON MODULE PROGRAM EXAMPLES: AMPLIFIED CONTROLLERS

4-channel amplified controllers (LA2Xi/LA4X/LA12X/LA4/LA8)



16-channel amplified controllers (LA7:16(i), LA1:16i)





APPENDIX B: AUDIO PROCESSORS FEATURES COMPATIBILITY

		Q-SYS	Crestron	HTTP API
Power management & monitoring	Panel lock	✓	✓	✓
	Reboot	✓		✓
	Temperature & Humidity	✓	✓	
Presets management	Configuration recall	✓	✓	✓
	Configuration store	✓	✓	✓
Input management	Digital input status	✓	✓	✓
	Fallback control	✓	✓	✓
	Gain	✓	✓	✓
	Mute	✓	✓	✓
	Input level meters	✓	✓	✓
	Mic preamp gain	✓	✓	✓
	Mic preamp +48V & HPF	✓		✓
DSP management	DSP Bus gain	✓	✓	✓
	DSP Bus delay	✓		✓
	DSP Bus limit	✓		
	Matrix mixer	✓		
	CUE selection	✓		
Output management	Gain	✓	✓	✓
	Mute	✓	✓	✓
	Output level meters	✓	✓	✓
	Routing	✓	✓	✓
Tools	Signal generator	✓	✓ (Sine only)	
	Media Player control	✓	✓	
	USB sensor	✓		
	GPIO control	✓	✓	✓
	GPIO functions	✓		✓

L-Acoustics Networked Audio Processor

Status

Inputs

Matrix Mixer

DSP

Outputs

Media Player

Configurations

IP Connection

Primary

Connected

IP

192.168.101.41

Available

Active

Go Active

Automatic Failover

Secondary

IP

192.168.102.41

Available

Active

Go Active

Processor Status

Type: P1

FW: 2.12.1.3

OK - Primary

Display Lock

Reboot

Current Configuration *00: [NO NAME]

Condition

Fan Error

Temperature 58 °C 136 °F

Humidity 82 % (0 ~ 70°C)

4 %

OK

High temp.

Over temp.

USB

Connected

Temp. -- °C -- °F

Humidity -- %

USB 1

USB 2

Signal Status

Inputs Failback

Input

Source

Active

Reset

Test

AES 1-2

Disabled

Reset

Test

AES 3-4

Disabled

Reset

Test

AVB 1-4

Disabled

Reset

Test

AVB 5-8

Disabled

Reset

Test

Input Lock

AVB 1/P

2/S

AES 1-2

3-4

Include in status

AVB P

AVB S

AES 1-2

AES 3-4

AVB Talker(s)

Name P1

Media Clock Internal

Stream 1 AAF PCM32, 96kHz, 8 ch

Stream 2 AAF PCM32, 96kHz, 8 ch

GPIO

State

Load configuration slot A

Slot A 1

State

No function

Slot B 2

State

Load configuration slot B

Slot A 1

State

No function

Slot B 2

GPIO 1

Manual state

State

Manual

Closed

Blink

60

sec

Ethernet

AES Lock

AVB Lock

Eth 1

Eth 2

AES 1-2

AES 3-4

AVB 1

AVB 2

CRF

GPIO 2

Manual state

State

Manual

Closed

Blink

60

sec

Ethernet

AES Lock

AVB Lock

Eth 1

Eth 2

AES 1-2

AES 3-4

AVB 1

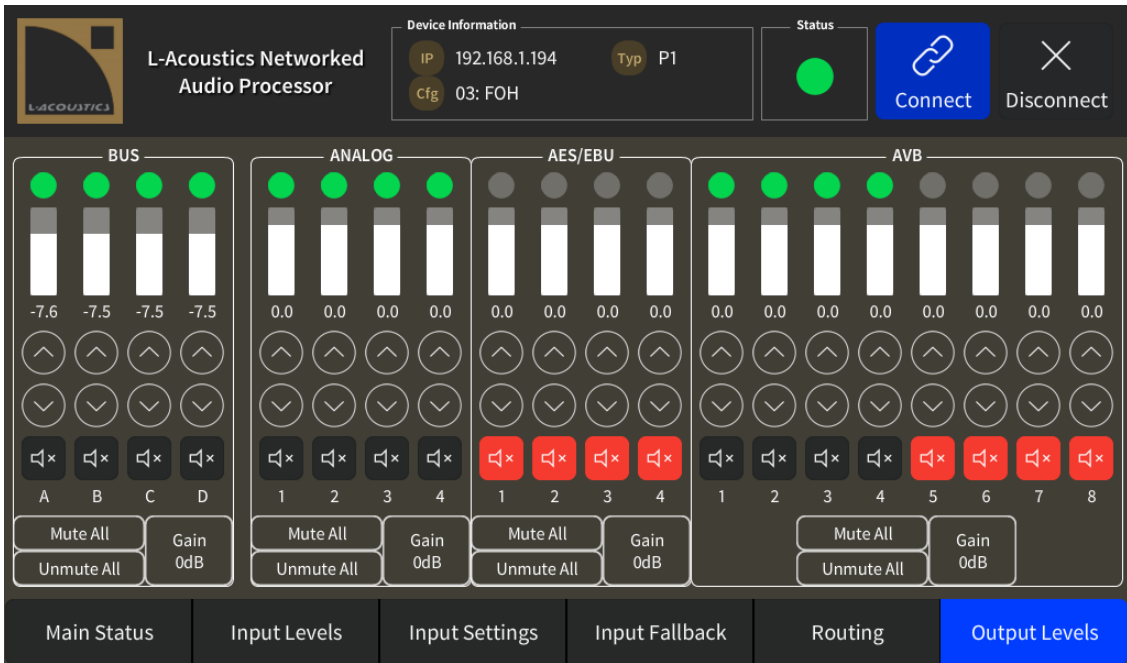
AVB 2

CRF

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CRESTRON MODULE PROGRAM EXAMPLES: P1 PROCESSOR





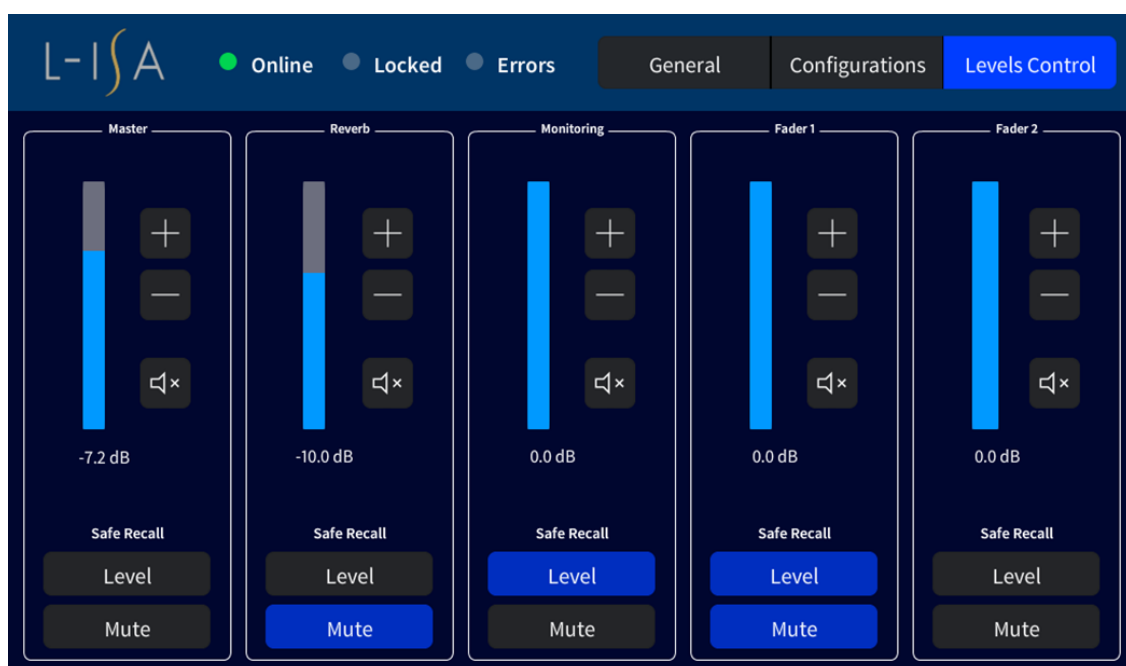
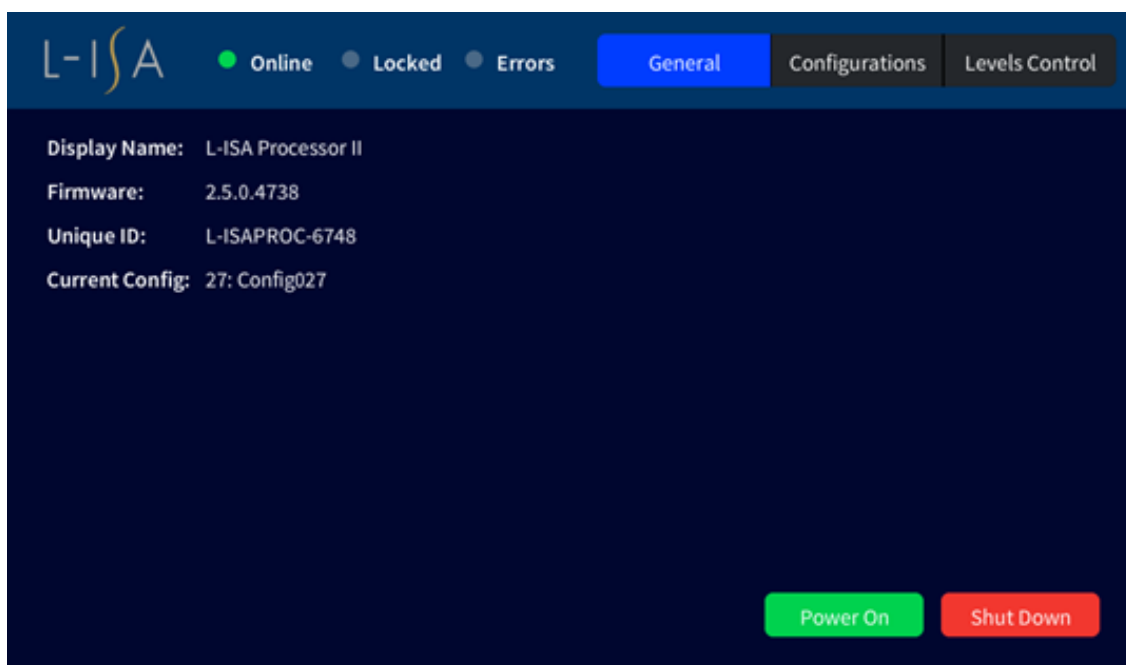
APPENDIX C: L-ISA PROCESSOR FEATURE COMPATIBILITY

		Q-SYS	Crestron	HTTP API
Monitoring	Power supplies	✓	✓	✓
	Disk health	✓	✓	✓
	Files system health	✓	✓	✓
	Emergency key detection	✓	✓	✓
Levels control	Gain	✓	✓	✓
	Mute	✓	✓	✓
Power management (L-ISA Processor II only)	Power On	✓	✓	
	Shutdown	✓	✓	✓
Presets management	Configuration recall	✓	✓	✓
	Configuration store	Use L-ISA Controller		
Audiomorph	Snapshot recall	✓	✓	
	Snapshot store	✓	✓	
	Immersion	✓	✓	✓
	Speed	✓	✓	✓
	Pan Offset	✓	✓	✓
	Elevation Offset	✓	✓	✓
	Width Offset	✓	✓	✓
	Pan Spread	✓	✓	✓

Q-SYS PLUG-IN USER INTERFACE EXAMPLES: L-ISA PROCESSORS



CRESTRON MODULE PROGRAM EXAMPLES: L-ISA PROCESSORS



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