



Manufacturer: VSSL

Model: A1, A3, A6

Device Type: Audio Source/Amp

GENERAL INFORMATION

SIMPL WINDOWS NAME:	VSSL-Zone_v(X)
CATEGORY:	Audio Source
VERSION:	1.0
SUMMARY:	This module is to control the VSSL line of amplifiers and zone players. This module supports VSSL A1, A3, A6, and any future players using the existing API.
GENERAL NOTES:	<p>If you find bugs please contact VSSL tech support to verify the VSSL unit is operating correctly and a firmware/software bug is not causing the issue.</p> <p>Please send all bugs to bugreport@pulsegroupb2b.com. Provide all steps taken to reproduce the issue as well as your contact information. Contact information will only be used if there are issues reproducing the problem(s) or if you need a beta file to test with. Bug reports without contact information will be ignored.</p>
CRESTRON HARDWARE REQUIRED:	3 SERIES PROCESSOR
SETUP OF CRESTRON HARDWARE:	N/A
VENDOR FIRMWARE:	VSSL units update automatically, thus it will work with all firmware versions.
VENDOR SETUP:	Setup using the VSSL applications on IOS or Android must be completed prior to using the Crestron module. While the module might work without this step it is not supported, as verification steps will use the VSSL app. Streaming must also

	be initialized from a supported app and then cast to the VSSL unit. The VSSL unit does not have the ability to initiate the stream as of yet.
CABLE DIAGRAM:	Please use the VSSL provided documentation for proper installation into your system.

CONTROL		
Signal Name	Signal Type	Signal Description
ZoneIndex	Parameter	Dropdown consisting of the VSSL zones you can control. If you are trying to talk to a VSSL A1 you must use the A1 selection.
Port	Parameter	Port is used to communicate with VSSL devices, this is static and should be set to 50002.
VolumeRepeatTime	Parameter	How often volume commands are sent when using the volume up or down triggers. With how VSSL processes this information, 0.3s will produce a ramp time 0-100 over 10 seconds.
IP_Address	Parameter	The IP address of the specific zone you wish to connect to.
Debug	Digital	HOLD high to enable debug mode. Debug information can be useful when submitting bug reports. The information will be reported to Text Console or any other SSH program.
Connect	Digital	PULSE to trigger connection from the VSSL zone.
Disconnect	Digital	PULSE to trigger disconnection from the VSSL zone.

Reboot	Digital	PULSE to reboot the internal zone. If connected to A1 the whole unit will reboot.
Volume Up	Digital	PULSE/HOLD to raise the volume on the controlled VSSL zone.
Volume Down	Digital	PULSE/HOLD to lower the volume on the controlled VSSL zone.
Mute Toggle	Digital	PULSE to toggle the mute state on/off.
Mute On	Digital	PULSE to trigger the mute state to on.
Mute Off	Digital	PULSE to trigger the mute state to off.
Play	Digital	PULSE to play the paused zone.
Pause	Digital	PULSE to pause the controlled zone.
Stop	Digital	PULSE to stop the controlled zone.
Next	Digital	PULSE to skip to the next track.
Prev	Digital	PULSE to skip back to the start of the current track or skip to the previous track.
SourceRoute	Analog	Used to manually set the input of the controlled device valid entries. 0: Off 1: Bus 1 2: Bus 2 3: Analog Input 1 4: Analog Input 2 5: Analog Input 3 6: Analog Input 4 7: Analog Input 5 8: Analog Input 6

		17: Optical In
Set Volume	Analog	0-65535 Set the current volume of the speaker outputs.
ZoneName	Serial	Changes the connected zones name.

FEEDBACK

Signal Name	Signal Type	Signal Description
Connect_fb	Digital	HIGH if connected to a specified IP address.
Mute On_fb	Digital	HIGH if the current mute state is on.
Next Enabled	Digital	HIGH if next is enabled on the current stream.
Prev Enabled	Digital	HIGH if previous is enabled on the current stream.
Source Route_fb	Analog	Current source the connected zone is playing, please see Source Route for more information.
Stream Source_fb	Analog	Current Streaming Source valid entries are: 0: Not Streaming 1: Airplay 4: Spotify 15: Analog In 16: Apple Device 19: Bluetooth 24: Google Cast 25: External Source
Volume_fb	Analog	0-65535 Current Volume of the device.
Total Time_fb	Analog	Total time in seconds of the currently playing song.
Progress Elapsed_fb	Analog	0-65535 Current progress of the song.
Progress Elapsed Time_fb	Analog	Current time in seconds of the currently playing song.

Album	Serial	Album of the current song.
Artist	Serial	Artist of the current song.
Cover Art Url	Serial	Address to get the album art for the current song.
Genre	Serial	Genre of the current song. NOTE: unless this is reported by the current service this will say null.
Track Name	Serial	Name of the track for the current song.
Play URL	Serial	URL for the current song. NOTE: currently not used.
Current Device Name_fb	Serial	Name of the current zone connected.

VERSION HISTORY		
Version Number	Date	Changes and Notes
Module: 1.0 Build: 1.0.6528.34553	May -11-2020	Initial document