

SIMPLWINDOWS NAME: Aragon Stage One Preamplifier

CATEGORY: Processor

VERSION: 1.0

SUMMARY: This module provides full control and true feedback for the Aragon Stage One Preamplifier.

GENERAL NOTES: Manufacturer recommends using IR controls for volume up/down. Actual volume levels will be reported provided feedback mode has been turned on.

Adjusting Volume Up with a source 'muted' will unmute the source. Correct mute feedback will be shown only if volume is adjusted with the module. Adjusting with the front panel or IR will not give correct mute feedback.

CRESTRON HARDWARE REQUIRED: CNXCOM
CNXCOM-2
ST-COM

SETUP OF CRESTRON HARDWARE: Baud Rate - 9600
Parity - None
Data Bits - 8
Stop Bits - 1

VENDOR FIRMWARE: 1.24

VENDOR SETUP: None

CABLE NUMBER: CNSP-124

CONTROL:

Feedback_On	D	Momentary pulse to turn on feedback from changes made on the front panel and IR remote
Feedback_Off	D	Momentary pulse to turn off feedback from changes made on the front panel and IR Remote
Power_On	D	Momentary pulse for power on
Power_Off	D	Momentary pulse for power off
Mute_Toggle	D	Momentary pulse for toggling mute on and off
Mute_On	D	Momentary pulse for un-muting a source
Mute_Off	D	Momentary pulse for muting a source
Volume_Up	D	Momentary pulse to ramp volume up
Volume_Down	D	Momentary pulse to ramp volume down
Source_1-8	D	Momentary pulse to select all audio/ video sources
Video_Source_1-7	D	Momentary pulse to select Source Video separate from audio
ALL SOUND MODES	D	Momentary pulse to select sound modes and the condition to operate
ALL TUNER Functions	D	Momentary pulse to control built in tuner and all functions
DISPLAY/LIGHTS	D	Momentary pulse to control the front panel LCD display
From_Device\$	S	Serial signal to be routed from a 2-way RS232 port

FEEDBACK:

Power_On_fb	D	Latches high when unit is on
Power_Off_fb	D	Latches high when unit is Off
Mute_On_fb	D	Latches high when unit is not muted
Mute_Off_fb	D	Latches high when unit is muted
Volume_Up_Ir	D	Connect to "Vol+" function on Aragon IR driver (SM12167.ir)
Volume_Down_Ir	D	Connect to "Vol-" function on Aragon IR driver (SM12167.ir)
Source_1-8_fb	D	Indicates source which is currently selected
SOUND MODES	D	Indicates sound mode currently in use
Volume_Bar	A	Analog value to be tied to Analog Ramp or gauge to give real feedback of volume position
Active Digital Chan	D	Latches high depending on the amount of active channels.
Digital/Analog Input	D	Latches high depending on the signal type for the current input.
To_Device\$	S	Serial signal to be connected to a 2-way RS232 port

OPS USED FOR TESTING: v3.018.cuz
COMPILER USED FOR TESTING: SimplWindows Ver 2.03.12
SAMPLE PROGRAM: Aragon Stage One Demo
REVISION HISTORY: None