Partner: Extron
Model: MLS, System5IP, System5CR+, System7SC
Device Type: Volume Control

GENERAL INFORMATION

SIMPLWINDOWS NAME:	CMS Extron Volume
CATEGORY:	Volume
VERSION:	1.1
SUMMARY:	Control Output Volume and Receive Real Feedback
GENERAL NOTES:	This module is designed to control the volume output for the following Extron switchers: MLS Series, System 5CR+, System 5IP and System 7SC. It will also receive real feedback from device for both volume level and volume mute.
CRESTRON HARDWARE REQUIRED:	C2-COM, ST-COM
SETUP OF CRESTRON HARDWARE:	RS232 Baud: 9600 Parity: None Data Bits: 8 Stop Bits: 1
VENDOR FIRMWARE:	Unknown
VENDOR SETUP:	None

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CONTROL:

From-Extron$	S	Serial signal to be routed to a 2-way RS232 port
Volume_Up/Down/Mute	D	Sends volume up/down/mute commands
StarUp-Vol	D	Sets level to value inserted in 'StartUp-Vol-Lvl' parameter
SystemExit-Vol	D	Can be used to set output level to zero at startup.

FEEDBACK:

To-Extron$	S	Serial signal to be routed to a 2-way RS232 port
Volume_Bar	A	Current volume level
Volume-Mute-FB	D	Current mute state. Will be high when mute is on

PARAMETERS:

Device-Type	P	Drop-down list allowing selection of valid system types
Ramp-Time	P	Time value setting length of ramp time from 0% to 100%
StarUp-Vol-Lvl	P	Percentage value indicating startup volume level when 'StarUp-Vol'

TESTING:

OPS USED FOR TESTING:	V3.137 (Release)
SIMPL WINDOWS USED FOR TESTING:	SimpleWindows Version 2.07.32
CRES DB USED FOR TESTING:	18.15
SYMBOL LIBRARY USED FOR TESTING:	387
SAMPLE PROGRAM:	CMS Extron Volume Demo.smw
REVISION HISTORY:	v1.1 - Initial Release.