BSS: Soundweb London

This module can control basically every stateVariable of every object in a Soundweb London program by means of the SETSVPERCENT command.

GENERAL INFORMATION

SIMPLWINDOWS NAME:	BSS Soundweb London Generic Percent v4.0
CATEGORY:	Mixer
VERSION:	V4.0
SUMMARY:	This module can control basically every stateVariable of every object in a Soundweb London program by means of the SETSVPERCENT command.
GENERAL NOTES:	Each object in a Soundweb London program is given an object number. You have to specify the object id of the object that is to be controlled. (objectID serial input) Then you have to specify the stateVariable that is to be controlled. (stateVariable analog input) All this information should be derived from the Soundweb London integrator. After that, you can change the value of this stateVariable (value analog input). When "value" is set to 0d, the stateVariable will be set to 0%. When "value" is set to 65535d, the stateVariable will be set to 100%. In other words 0% = 0% and 100% = 100%. The TX and RX of this module should be connected to a "BSS Soundweb London Node v4.0.umc" module. When pulsing the "subscribe" input, the specified state variable of this object will be subscribed to. From that point on, the Soundweb London will automatically report any change made on the Soundweb London device itself. This modules will then take this report and show it on the value_fb output. At this moment, a change made by Crestron does not generate a feedback update. Pulsing the "subscribe" input will generate a feedback report also when already subscribed.
CRESTRON HARDWARE REQUIRED:	X-series or preferable 2-series
SETUP OF CRESTRON HARDWARE:	The demo program was created on a PRO2 with TPS-4000 The Soundweb London is to be connected on a com port with a standard crossed cable and the following settings: 115200, 8, 1, N Or to use TCP/IP: Port 1023
VENDOR FIRMWARE:	1.04.02
VENDOR SETUP:	Soundweb London Blu-80

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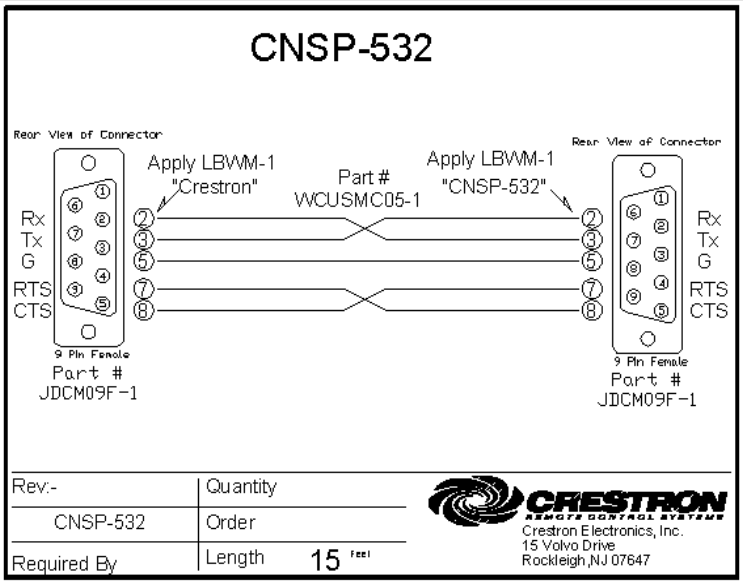
CABLE DIAGRAM:



CONTROL:

value	A	set the stateVariable's value
objectID	S	set the object to control (for example "\x00\x01\x01")
stateVariable	A	set the stateVariable to control (for example 1d)
subscribe	D	subscribe to the state variable of the object
unsubscribe	D	unsubscribe to the state variable of the object
rx	S	connected to the "modulesRx" of the correct "BSS Soundweb London Node v4.0.umc" module

FEEDBACK:

value_fb	A	value feedback
tx	S	connected to the "modulesTx" of the correct "BSS Soundweb London Node v4.0.umc" module

TESTING:

OPS USED FOR TESTING:	3.155.1240
COMPILER USED FOR TESTING:	2.11.09
SAMPLE PROGRAM:	BSS Soundweb London v4 Demo Program
REVISION HISTORY:	V1.0 Creation V3 – BSS made changes to a number of modules. V4.0 – Changed the RX$ input on the Simpl+ modules to from a STRING_INPUT to a BUFFER_INPUT. Changed the room combine module so it requests the current value when it is done making changes.

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