

## BSS: Soundweb London

This module controls a "Delay" object in a Soundweb London program.

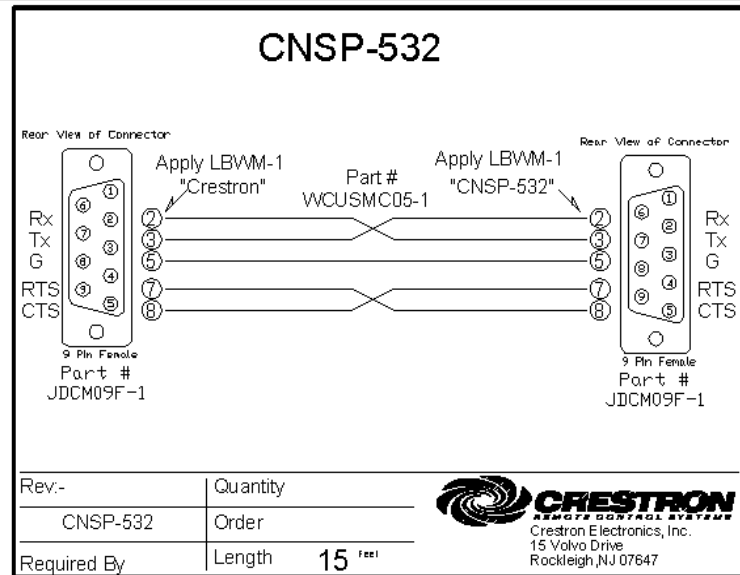


### GENERAL INFORMATION

<b>SIMPLWINDOWS NAME:</b>	BSS Soundweb London Delay v3
<b>CATEGORY:</b>	Device Interface
<b>VERSION:</b>	V3.0
<b>SUMMARY:</b>	This module controls a "Delay" object in a Soundweb London program.
<b>GENERAL NOTES:</b>	<p>Each object in a Soundweb London program is given an object number. You have to specify the object id of the "Delay" object that is to be controlled. (objectID parameter)</p> <p>The TX and RX of this module should be connected to a "BSS Soundweb London Node.umc" module.</p> <p>This "Node" module needs to have it's "Node" parameter set to the node of the Soundweb London device to control.</p> <p>All analog input and outputs range from 0d to 65535d (0% to 100%)</p> <p>When pulsing the "subscribe" input, all functions (called state variables) of this object will be subscribed to.</p> <p>From that point on, the Soundweb London will automatically report any change of these state variables made on the Soundweb London device itself. This module will then take this report and show it on the feedback outputs.</p> <p>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.</p>
<b>CRESTRON HARDWARE REQUIRED:</b>	X-series or preferable 2-series
<b>SETUP OF CRESTRON HARDWARE:</b>	<p>The demo program was created on a PRO2 with TPS-4000</p> <p>The Soundweb London is to be connected on a com port with a standard crossed cable and the following settings:</p> <p>115200, 8, 1, N</p> <p>Or to use TCP/IP: Port 1023</p>
<b>VENDOR FIRMWARE:</b>	1.04.02
<b>VENDOR SETUP:</b>	Soundweb London Blu-80



## CABLE DIAGRAM:



## CONTROL:

delay	A	set delay value in tenths of milliseconds. Ranging from 0d (0,0 ms) to 27200d (2720,0 ms)
Up/down	D	Press and hold to adjust the delay value.
subscribe	D	subscribe to the delay of the object
unsubscribe	D	unsubscribe to the delay of the object
rx	S	connected to the "modulesRx" of the correct "BSS Soundweb London Node.umc" module

## FEEDBACK:

delay_fb	A	delay feedback
tx	S	connected to the "modulesTx" of the correct "BSS Soundweb London Node.umc" module

**PARAMETERS:**

objectID

specifies which objectID is to be controlled.  
(3 bytes, for example: "\x00\x00\x01")  
(get this information from the BSS programmer)

**TESTING:****OPS USED FOR TESTING:**

3.155.1240

**COMPILER USED FOR TESTING:**

2.10.24

**SAMPLE PROGRAM:**

BSS Soundweb London v3 Demo Program

**REVISION HISTORY:**

V1.0 Creation  
V3 BSS made changes to a number of modules.