BSS: Soundweb London

This module takes care of the communication of one BSS Audio Soundweb London device on the BSS network.
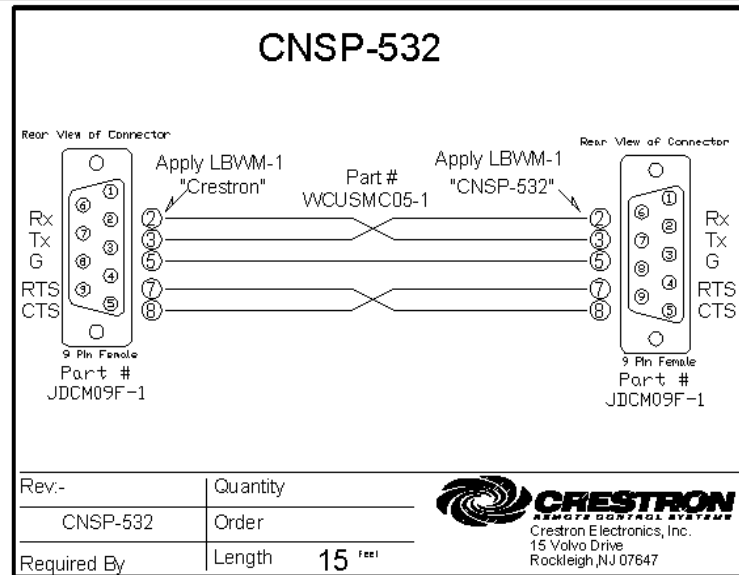
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GENERAL INFORMATION

SIMPLWINDOWS NAME:	BSS Audio Soundweb London Node v4.0
CATEGORY:	Mixer
VERSION:	V4.0
SUMMARY:	This module takes care of the communication of one BSS Audio Soundweb London device on the BSS network.
GENERAL NOTES:	To control a BSS Audio Soundweb London, please take a look at the demo program. You'll see that for the most frequently used object in a BSS environment, Crestron has made modules (object modules) to control the different functions of such an object.

The demo program zip file contains a "crestron.architect file". The demo program is written to address objects with certain object id's that are all present in this .architect file.

So for example, when you have a BSS Audio Soundweb London, with node address X which includes a delay object with object id Y, please use a "BSS Soundweb London Delay.umc" object module with objectId set to Y and route it via a "BSS Soundweb London Node.umc" module with Node set to X to the correct com port.

All the object modules controlling the object of a device with node address X should be connected a "BSS Soundweb London Node.umc" with Node set to X. The "BSS Soundweb London Node v4.0.umc" adds the correct node address and checksum to the command and sends it out on the com port. |
| **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 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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I2P Certified Modules can be found archived on our website in the Design Center. For more information please contact our Technical Sales Deptartment at techsales@crestron.com. Specifications subject to change without notice.

CABLE DIAGRAM:

CONTROL:

comRx	S	connected to the RX of the com port
modulesTx	S	connected to the TX of all object modules that control an object on "this Soundweb London device"

FEEDBACK:

comTx	S	connected to the TX of the com port
modulesRx	S	connected to the RX of all object modules that control an object on "this Soundweb London device"

PARAMETERS:

node	S	Specifies which device is "this Soundweb device".

		(get this information from the BSS Audio Soundweb London programmer)

TESTING:

OPS USED FOR TESTING:	3.155.1240
COMPILER USED FOR TESTING:	2.11.09
SAMPLE PROGRAM:	BSS Soundweb London v4.0 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.