Partner: Bose
Model: ESP-88
Device Type: 4x4 Router Interface v1.0

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GENERAL INFORMATION

SIMPLWINDOWS NAME:	Bose ESP 4x4 Router Interface v1.0
CATEGORY:	Multi-Zone
VERSION:	1.0
SUMMARY:	This module controls a 4x4 Router object within the Bose ESP-88 configuration.
GENERAL NOTES:	This module controls a Router object within the Bose ESP-88 system. Please note that in the Bose configuration the Router name needs to be prefaced with an "#" (such as #Router). This enables the Bose unit to send unsolicited real-time feedback to the Crestron unit when any changes are made.
CRESTRON HARDWARE REQUIRED:	X-Series Processor, CNX-COM2, ST-COM, 2-Series Processor, C2COM3
SETUP OF CRESTRON HARDWARE:	RS232 Baud: 38400 Parity: N Data Bits: 8 Stop Bits: 1
VENDOR FIRMWARE:	None
VENDOR SETUP:	None
CABLE DIAGRAM:	CNSP-532

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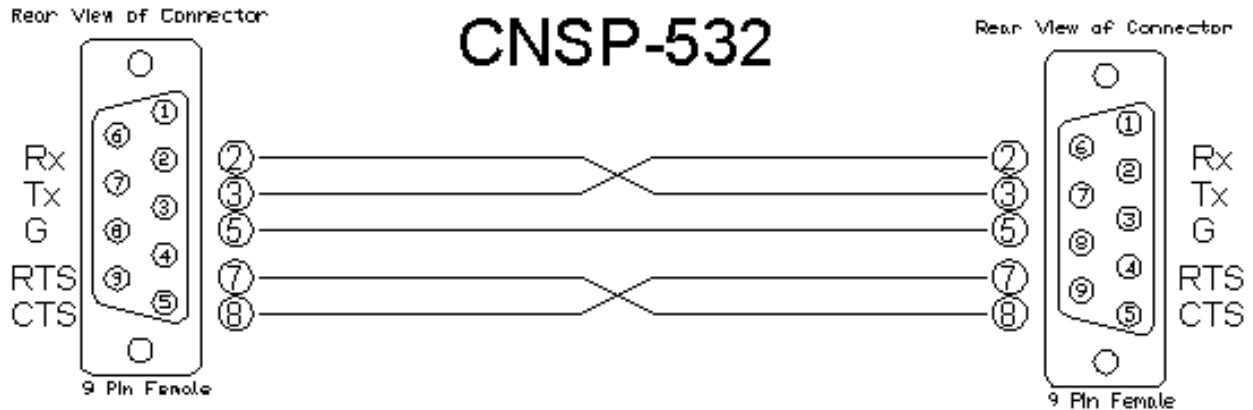
CONTROL:

Set_Router_X-Y	D	Pulse to set the crosspoint (X,Y).
Set_Router_Off-Y	D	Pulse to turn of output Y.
Router_Enable	D	Latch high to enable serial communications with unit.
Router_Read	D	Pulse to poll for current router read status.
From_Device	S	Serial signal to be routed from an RS-232C port

FEEDBACK:

Router_Status_X-Y	D	Indicates the status of the current crosspoints (X,Y).
To_Device	S	Serial signal to be routed to an RS-232C port

PARAMETER:

Step	A	Use to set the volume up/down step increment.
Module Name	D	The name of the Router module in the Bose ESP-88 configuration that this module will be communicating with. Note: The module name in the Bose configuration needs an "#" prefix, while the name entered in this module does not.

TESTING:

OPS USED FOR TESTING:	v3.155.1240
SIMPL WINDOWS USED FOR TESTING:	v2.10.32
DEVICE DB USED FOR TESTING:	20.03.013.00
CRES DB USED FOR TESTING:	20.01.008.00
SYMBOL LIBRARY USED FOR TESTING:	576
SAMPLE PROGRAM:	Bose ESP-88 Demo PRO2
REVISION HISTORY:	v1.0 – Initial Release