

**Manufacturer: Bose**  
**Model: EX Series**  
**Device Type: Digital Signal Processor**



## GENERAL INFORMATION

<b>SIMPLWINDOWS NAME:</b>	Bose EX Series Router Control v3.2
<b>CATEGORY:</b>	Conferencing
<b>VERSION:</b>	3.2
<b>SUMMARY:</b>	The Routing Control component controls the routing functionality of a Router module.
<b>CRESTRON HARDWARE REQUIRED:</b>	Crestron 3-Series or 4-Series processor.
<b>VENDOR FIRMWARE:</b>	v2.520

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## PARAMETERS:

<b>Module_Name</b>	Set to the name of the module to be controlled.
<b>Output_Channel</b>	Set to the output channel of the module that the inputs will be routed to. This component can be instantiated as many times as needed to cover as many outputs needed.
<b>Command_Processor_ID</b>	The unique identifier for the command processor module this module will register with.

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**CONTROL:**

<b>New_Input</b>	A	Set to the input number the module will manage the routing for.
<b>Route_Input</b>	D	Pulse to route the input value of the New_Input signal to the output specified in the Output_Channel parameter.
<b>Deroute_Input</b>	D	Pulse to deroute the input value of the New_Input signal to the output specified in the Output_Channel parameter.
<b>Toggle_Input</b>	D	Pulse to toggle the route of the input value of the New_Input signal to the output specified in the Output_Channel parameter.
<b>Enable</b>	D	Latch high to enable this component.

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**FEEDBACK:**

<b>Is_Initialized</b>	D	Indicates the module is registered to the command processor and is synchronized with current device state when the signal is high, or not synchronized with current device state when the signal is low.
<b>Input_Routed_Fb</b>	A	Shows the current input routed to the output specified by the Output_Channel parameter.
<b>Is_Routed</b>	D	High to indicate the input specified by the New_Input signal is currently routed to the output specified by the Output_Channel parameter.
<b>Is_Quarantined</b>	D	Indicates that there was a problem getting this component initialized due to a configuration issue when the signal is high, or that no initialization issue occurred when the signal is low. A quarantined component will not prevent the command processor or other components from getting initialized.

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**TESTING:**

**OPS USED FOR TESTING:** CP3 1.8001.4666.20418  
MC4 2.8000.00017

**SIMPL WINDOWS USED FOR TESTING:** 4.2000.00

**CRES DB USED FOR TESTING:** 216.0500.002.00

**DEVICE DATABASE:** 200.24500.001.00

**SYMBOL LIBRARY USED FOR TESTING:** 1180

**SAMPLE PROGRAM:** Bose EX Series v3.2 IP Demo.smw  
Bose EX Series v3.2 RS232 Demo.smw

**REVISION HISTORY:** v3.0 – Initial Release  
v3.1 – No updates have been performed.  
v3.2 – Fixed bug with max number of routable inputs.