Partner: BSS Audio
Model: DCP-555
Device Type: Digital Signal Processor

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GENERAL INFORMATION

SIMPLWINDOWS NAME:	BSS DCP-555 Generic Control v1.0
CATEGORY:	DSP
VERSION:	1.0
SUMMARY:	This module controls virtually any control point in the device.
GENERAL NOTES:	This module is used to control any control points of any type in the device. The signal type to use for control/feedback should match the expected control values (Digital -> State Controls, Analog -> Numeric Value Control, Serial -> String Value Control). Use of this module assumes a working knowledge of the underlying 3rd party control API.
CRESTRON HARDWARE REQUIRED:	3 Series processor **only**
VENDOR FIRMWARE:	1.1.1

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CONTROL:			
Digital_On	D	Pulse to set state on/active/enabled/etc.	
Digital_Off	D	Pulse to set state off/inactive/disabled/etc.	
Digital_Toggle	D	Pulse to toggle state.	
Analog_Value	A	Defines the value to be set when Analog_Set is triggered.	
Analog_Set	D	Pulse to send the value defined by the Analog_Value signal.	
Serial_Value	S	Defines the value to be set when Serial_Set is triggered.	
Serial_Set	D	Pulse to send the value defined by the Serial_Value signal.	

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FEEDBACK:		
Is_Initialized	D	Set to high when the module has successfully received the required responses to all queries.
Digital_Is_On	D	Indicates the state is currently on.
Digital_Is_Off	D	Indicates the state is currently off.
Current_Analog_Value	A	Indicates the current analog value.
Current_Serial_Value	S	Indicates the current serial value.

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PARAMETERS:

Signal_Type	A	Defines the data type the module should use/expect.
Control_Path	S	Explicitly defines the control point the module should use. Control paths are defined by the 3rd party control API and must match exactly.
Format	S	Defines the format of the value to be controlled/requested. Not all formats are available for all control paths. Refer to the 3rd party control API.
Polling	A	Defines how the module should handle getting feedback. "None" will not get feedback after initialization, "Poll" will automatically poll of unsubscribed feedback, "Subscribe" will attempt to subscribe to unsolicited feedback.
Command_Processor_ID	A	Setting to indicate the ID for the command processor that this module will register itself with.

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TESTING:

OPS USED FOR TESTING:	CP3 1.600.3781.33119
SIMPL WINDOWS USED FOR TESTING:	4.11.06
CRES DB USED FOR TESTING:	81.05.001.00
DEVICE DATABASE:	107.00.001.00
SYMBOL LIBRARY USED FOR TESTING:	1091
SAMPLE PROGRAM:	BSS DCP-555 IP Demo
REVISION HISTORY:	v1.0 – Initial Release