

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



GENERAL INFORMATION

SIMPLWINDOWS NAME:	BSS DCP-555 Level Control v1.0
CATEGORY:	DSP
VERSION:	1.0
SUMMARY:	This module controls most level control points in the device.
GENERAL NOTES:	This module is used to control a wide variety of level-based control points in the device. The type of control point must be defined as well as an index. The index is used to select which control instance in the device to control. For example, a type may be defined as "Input Channel Gain" and an index of 1 would indicate Input Channel 1's Gain control point.
CRESTRON HARDWARE REQUIRED:	3 Series processor only
VENDOR FIRMWARE:	1.1.1

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**CONTROL:**

Level_Up	D	Press to increment level. Hold to continually increment.
Level_Down	D	Press to decrement level. Hold to continually decrement.
New_Level_dB	A	Defines the value to be set when Send_New_Level_dB is triggered.
Send_New_Level_dB	D	Pulse to send the value defined by the New_Level_dB signal.
New_Level_Percent	A	Defines the value to be set when Send_New_Level_Percent is triggered.
Send_New_Level_Percent	D	Pulse to send the value defined by the New_Level_Percent signal.

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**FEEDBACK:**

Is_Initialized	D	Set to high when the module has successfully received the required responses to all queries.
Volume_Level_dB	A	Current raw level value (in dB for volumes).
Volume_Level_Percent	A	Current level value as a percent.

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**PARAMETERS:**

Level_Type	A	Defines the type of level-based control point to control.
Level_Step	A	Setting to determine dB offset for incrementing and decrementing.
Index	A	Defines the instance of the control type to control. (ex. Index 1 of the Input Level Gain type, is Input Channel 1's Gain.)
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