Partner: AudioScience
Models: Iyo Dante 8.8M, 16.16M, 32.32M, 16.0M, 32.0M, 0.16L 0.32L, 8.8MD, 16.16MD, 32.32MD, 16.0MD, 32.0MD, 0.16LD, 0.32LD, 8.8MR, 16.16MR, 32.32MR, 16.0MR, 32.0MR, 0.16LR, 0.32LR
Device Type: Audio Processing

GENERAL INFORMATION

SIMPLWINDOWS NAME:	AudioScience Iyo Dante Output Control v1.0
CATEGORY:	Audio Processing
VERSION:	1.0
SUMMARY:	This module controls IP communication with an IYO Dante Interface.
GENERAL NOTES:	This module is used in conjunction with the AudioScience IYO Dante Command Processor module and AudioScience IYO Dante Output control module to control and monitor audio outputs and outputs.
CRESTRON HARDWARE REQUIRED:	Crestron 3-Series processor.
SETUP OF CRESTRON HARDWARE:	N/A
VENDOR FIRMWARE:	N/A
VENDOR SETUP:	N/A

15 Volvo Drive • Rockleigh, NJ 07647
800.237.2041 / 201.767.3400

Partner: AudioScience
Models: Iyo Dante 8.8M, 16.16M, 32.32M, 16.0M, 32.0M, 0.16L 0.32L, 8.8MD, 16.16MD, 32.32MD, 16.0MD, 32.0MD, 0.16LD, 0.32LD, 8.8MR, 16.16MR, 32.32MR, 16.0MR, 32.0MR, 0.16LR, 0.32LR
Device Type: Audio Processing

PARAMETERS:

Command_Processor_ID	The unique identifier of the Command Processor module used for controlling and monitoring this output module.
Output_Number	Setting to indicate the specific output this module will control.

15 Volvo Drive • Rockleigh, NJ 07647
800.237.2041 / 201.767.3400

Partner: AudioScience
Models: Iyo Dante 8.8M, 16.16M, 32.32M, 16.0M, 32.0M, 0.16L 0.32L, 8.8MD, 16.16MD, 32.32MD, 16.0MD, 32.0MD, 0.16LD, 0.32LD, 8.8MR, 16.16MR, 32.32MR, 16.0MR, 32.0MR, 0.16LR, 0.32LR
Device Type: Audio Processing

CONTROL:

Mute_On	D	Pulse to mute the output. Muting the output will suppress all meter feedback.
Mute_Off	D	Pulse to unmute the output. When the output is not muted, meter feedback will be displayed for the output.
Mute_Toggle	D	Pulse to toggle the mute state of the output. If the output is currently muted, pulsing this signal will unmute the output. If the output is currently not muted, pulsing this signal will mute the output.
Meter_Enable	D	Latch high to turn on meter feedback for the output. When this signal is high, meter feedback will be returned from the module in the analog signal Meter_Current_Value. When low, meter feedback for the output is suppressed.
Trim_Set	D	Pulse to send the trim target value to the device. The trim target value is specified by the analog signal Trim_Target_Value.
Trim_Target_Value	A	Value indicates the trim level in dBu to set in the output. The range of valid values is -10 to 24. Changing this value alone will not change trim level in the device. The value must be sent by pulsing the digital signal Trim_Set after the desired value is set.

15 Volvo Drive • Rockleigh, NJ 07647
800.237.2041 / 201.767.3400

Partner: AudioScience
Models: Iyo Dante 8.8M, 16.16M, 32.32M, 16.0M, 32.0M, 0.16L 0.32L, 8.8MD, 16.16MD, 32.32MD, 16.0MD, 32.0MD, 0.16LD, 0.32LD, 8.8MR, 16.16MR, 32.32MR, 16.0MR, 32.0MR, 0.16LR, 0.32LR
Device Type: Audio Processing

FEEDBACK:

Is_Initialized	D	High indicates state variables of the output have been updated within the module.
Mute_Is_On	D	High indicates the output is currently muted.
Mute_Is_Off	D	High indicates the output is currently not muted.
Meter_Current_Value	A	Value indicates the current meter level of the output in dB. The range of valid values is -150 to 0.
Trim_Current_Value	A	Value indicates the current trim level of the output in dBu. The range of valid values is -10 to 24.
Output_Name_Text	S	Text indicates the name of the output as defined on the device.

15 Volvo Drive • Rockleigh, NJ 07647
800.237.2041 / 201.767.3400

Partner: AudioScience
Models: Iyo Dante 8.8M, 16.16M, 32.32M, 16.0M, 32.0M, 0.16L 0.32L, 8.8MD, 16.16MD, 32.32MD, 16.0MD, 32.0MD, 0.16LD, 0.32LD, 8.8MR, 16.16MR, 32.32MR, 16.0MR, 32.0MR, 0.16LR, 0.32LR
Device Type: Audio Processing

TESTING:

OPS USED FOR TESTING:	CP3 1.600.3781.33119
SIMPL WINDOWS USED FOR TESTING:	4.11.06
CRES DB USED FOR TESTING:	79.00.003.00
DEVICE DATABASE:	105.07.001.00
SYMBOL LIBRARY USED FOR TESTING:	1089
SAMPLE PROGRAM:	AudioScience Iyo Dante Demo IP.smw
REVISION HISTORY:	v1.0 – Initial Release

15 Volvo Drive • Rockleigh, NJ 07647
800.237.2041 / 201.767.3400