Partner: Nureva
Model: HDL300, Dual HDL300, HDL310
Device Type: Audio Conferencing System

GENERAL INFORMATION

SIMPLWINDOWS NAME:	Nureva HDL3x0 Sound Tracking Preset v1.0
CATEGORY:	Misc.
VERSION:	1.0
SUMMARY:	This module works with the Nureva HDL3x0 Sound Tracking v1.0 module as a helper in creating a single camera preset location. Use one instance of the module for each preset location required. This module does not work as a standalone module.
GENERAL NOTES:	This module creates a slice using the target azimuth and padding parameters. The Zone_Active digital will be high while the sound power level is above the ambient level threshold and the sound location is within the slice. Accuracy of azimuth data is + or – 10 degrees based on a given position. The azimuth direction is always relative to the center point of the bar (the bar plugged into port 1 on the Dual HDL300). **Module Support Contact:** Control Concepts support@controlconcepts.net (201) 797-7900
CRESTRON HARDWARE REQUIRED:	Crestron 3-Series or 4-Series processor.
SETUP OF CRESTRON HARDWARE:	N/A
VENDOR FIRMWARE:	N/A
VENDOR SETUP:	N/A

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PARAMETERS:

CommmandProcessorId	The unique identifier of the Nureva HDL3x0 Sound Tracking v1.0 module that this helper module will register with.
TargetAzimuth	The center location of the slice. Valid values are -70d to 70d.
Padding	The degrees added to each side of the target azimuth to create the slice. Valid values are 10d to 20d.

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FEEDBACK:

Zone_Active	D	Digital high indicates that the sound level is above the threshold and the sound location is within the defined slice.

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TESTING:

OPS USED FOR TESTING:	CP3 v1.8001.5061.26823 MC4 v2.8000.00017
SIMPL WINDOWS USED FOR TESTING:	4.2200.00
CRES DB USED FOR TESTING:	218.00
DEVICE DATABASE:	200.265
SYMBOL LIBRARY USED FOR TESTING:	1246
SAMPLE PROGRAM:	Nureva HDL3x0 Sound Tracking Demo v1.0.smw
REVISION HISTORY:	v1.0 – Initial Release