

SIMPLWINDOWS NAME: Escient FireBall+TuneBase 200 Video Grid Control

CATEGORY: Transport Decks

VERSION: 1.0

SUMMARY: Allow functions to be accessed using a single 2-D slider over a video or VGA window

GENERAL NOTES: This module allows the Escient system to be controlled using a 2-dimensional slider placed over a video or VGA window on a touch panel (such as the TPS-4500/5000/6000 or VT-3500). The two analog signals produced by the slider are connected to the two inputs on this module. The module will convert the grid position to an RS232 command to be sent to the Escient system.

Note that the slider must be a 2-dimensional non-spring-return slider placed over the video produced by the Escient system. The slider should have it's indicator type property set to "none". When your finger is removed from the slider, the select command will be sent.

The two parameter fields allow you to enter grid size to be used. These values should be set to 720d and 480d. They are listed as paramaters in case the grid size defined by Escient changes in the future.

This module also includes the navigate up/down/left/right/select functions.

CRESTRON HARDWARE: CNCOMH-2
CNXCOM
ST-COM

SETUP OF CRESTRON HARDWARE: Baud Rate - 9600
Parity - None
Data Bits - 8
Stop Bits - 1

VENDOR FIRMWARE: 1.2.0.7

VENDOR SETUP: You can use any of the three available com ports on the Escient. Whichever port is being used should be set up as follows:

Go to the Setup Menu -> audio, video, and com ports -> com port

external control: Com 1, 2, or 3
touch panel: enable for X-Y (if using Video grid control)

CABLE NUMBER: CNSP-124

CONTROL:

NAVIGATE-X-AXIS	A	Connect to the x axis generated by the 2-D slider
NAVIGATE-Y-AXIS	A	Connect to the y axis generated by the 2-D slider
NAVIGATE-*	D	Normal up/down/left/right/select navigation commands.

FEEDBACK:

To_Device\$	S	Serial signal to be routed to an RS232 port
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OPS USED FOR TESTING: 5.12.63x.UPZ
COMPILER USED FOR TESTING: SimplWindows Ver 2.00.28
SAMPLE PROGRAM: Escient FireBall Demo Program
Escient TuneBase 200 Demo Program
REVISION HISTORY: None