CRESTRON
HELP FILE DOCUMENT

CONTACT SUPPORT

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GENERAL INFORMATION

SIMPLWINDOWS NAME:	CCI Crestron Home Bridge - Toggle Slider Signed Component
CATEGORY:	Utility
VERSION:	1.0.0
SUMMARY:	The CCI Crestron Home Bridge Module Suite is made up of multiple modules that when used together will allow you to integrate a SIMPL Windows program with a Crestron Home system.
	The suite creates a bridge between the processor running the SIMPL Windows program and the processor running Crestron Home. The SIMPL Windows program will send Crestron Home information about what components have been included in the SIMPL Windows program. At this point, Crestron Home will automatically add these new components to its UI. From that point on, any changes on the Crestron Home side will be sent to SIMPL Windows for handling, and vice versa.
	This module is one of the "component" modules included in the suite. Adding it to your program will automatically add the corresponding Crestron Home UI Extension Control component to the Crestron Home UI and link the two together.
	The "CCI Crestron Home Bridge – Command Processor.umc" module (also included in the module suite) is required for use of this module. Instructions on how to use the command processor are included in the help file for that module.
	To learn more about what other utility modules are available from Control Concepts visit the CCI Utility Module Store.
GENERAL NOTES:	N/A
CRESTRON HARDWARE REQUIRED:	4-Series and VC-4 processors **ONLY**.

PARAMETERS

Command_Processor_ID	Indicates the particular Command Processor that this component module will be bound to. Up to 32 separate Command Processor modules can be used in a single SIMPL Windows program, each operating independently and creating its own "Tile" with its own UI components in Crestron Home.
Component_ID	Indicates the ID to use to distinguish this component from others in the SIMPL Windows program. It **MUST** be unique and not shared with any other component modules in the program.
Parent_Type	Indicates the parent control that this component lives in and is bound to. There are 2 possible types to choose from: Layout and Control Group.
Parent_ID	Indicates the ID of the parent that this component is bound to. In the case of Control Group, this value will match the Component_ID parameter on the corresponding module for the parent. In the case of Layout, this value should be set to the ID of the layout this component should be bound to. By default, this value is "main".
Label	Indicates the default main label to set for the component, if any. This value can later be overridden during run-time using the "Label_Override" signal described later in this document.
Secondary_Label	Indicates the default secondary label to set for the component, if any. This value can later be overridden during run-time using the "Secondary_Label_Override" signal described later in this document.
Min_Value	Indicates the minimum value to use for the slider. Range: -32768 - 32767
Max_Value	Indicates the maximum value to use for the slider. Range: -32768 - 32767

CONTROL

Label_Override	S	Send serial data to override the default main label for the component during runtime on the Crestron Home interface.
Secondary_Label_Override	S	Send serial data to override the default secondary label for the component during runtime on the Crestron Home interface.
Toggle_On	D	Pulse to set the state of the toggle on the Crestron Home interface to On.
Toggle_Off	D	Pulse to set the state of the toggle on the Crestron Home interface to Off.
Toggle_Toggle	D	Pulse to toggle the state of the toggle on the Crestron Home interface.
Slider_Value	A	Send analog data to set the current slider value on the Crestron Home interface.
Hide	D	Set high to hide the component within its parent container on the Crestron Home interface. Set low to show the component on the Crestron Home interface.
Disable	D	Set high to disable the component on the Crestron Home interface. Set high to enable the component on the Crestron Home interface.

FEEDBACK

Toggle_FB	D	This signal will match the state of the corresponding toggle on the Crestron Home interface. Note, after sending in a new value from SIMPL Windows using one of the signals above, sometimes it takes Crestron Home a few seconds to update the state of its toggle on its UI.
Slider_FB	A	This signal will match the value of the corresponding slider on the Crestron Home interface. Note, after sending in a new value from SIMPL Windows using the "Slider_Value" signal above, sometimes it takes Crestron Home a few seconds to update the slider on its UI.

TESTING

OPS USED FOR TESTING:	MC4: 2.7.52.1 VC-4: 2.7100.00030
SIMPL WINDOWS USED FOR TESTING:	4.2.0
CRES DB USED FOR TESTING:	212.0.2.0
DEVICE DATABASE:	200.18.1.0
SYMBOL LIBRARY USED FOR TESTING:	1165
SAMPLE PROGRAM:	CCI Crestron Home Bridge – Demo.smw
REVISION HISTORY:	**v1.0.0** – Initial Release