



## CONTACT SUPPORT

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## GENERAL INFORMATION

**SIMPLWINDOWS NAME:** CCI Crestron Home Bridge - Button Component

**CATEGORY:** Utility

**VERSION:** 1.2.0

**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

<b>Command_Processor_ID</b>	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.
<b>Component_ID</b>	Indicates the ID to use to distinguish this component from others in the SIMPL Windows program. It <b>MUST</b> be unique and not shared with any other component modules in the program.
<b>Parent_Type</b>	Indicates the parent control that this component lives in and is bound to. There are 3 possible types to choose from: Layout, Button Group, and Control Group.
<b>Parent_ID</b>	Indicates the ID of the parent that this component is bound to. In the case of Button Group or 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".
<b>Navigation_Type</b>	Indicates whether to automatically navigate when the button is pressed. There are 3 possible types to choose from: None (no navigation will occur), Layout (UI will navigate to a Layout) and Alert (UI will show an Alert).
<b>Navigation_Name</b>	Indicates the name of the Layout or Alert to show if the "Navigation_Type" has been set to Layout or Alert. If "Navigation_Type" has been set to None, this field does not apply.
<b>Label</b>	Indicates the default label to set for the button, if any. This value can later be overridden during run-time using the "Label_Override" signal described later in this document.
<b>Icon</b>	Indicates the default icon to set for the button, if any. This value can later be overridden during run-time using the "Icon_Override" signal described later in this document.  Note that only the officially supported Crestron Home icons can be used. You must enter the name of one of the icons found at this link in order for anything to show up on the Crestron Home interface:  <a href="https://sdkcon78221.crestron.com/sdk/Crestron_Certified_Drivers_SDK/Content/Extension-Device-Icons.pdf">https://sdkcon78221.crestron.com/sdk/Crestron_Certified_Drivers_SDK/Content/Extension-Device-Icons.pdf</a>

## CONTROL

<b>Label_Override</b>	S	Send serial data to override the default label for the button during runtime on the Crestron Home interface.
<b>Icon_Override</b>	S	Send serial data to override the default icon for the button during runtime on the Crestron Home interface. The serial string must match one of the officially supported icons (as noted above) in order for the corresponding icon to appear on the Crestron Home interface.
<b>Hide</b>	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.
<b>Disable</b>	D	Set high to disable the component on the Crestron Home interface. Set low to enable the component on the Crestron Home interface.



## FEEDBACK

Press\_FB

- D This signal will pulse high then low whenever the corresponding button component is pressed on the Crestron Home interface.

## 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
- v1.1.0** – Added missing icons to library. No changes to this component.
- v1.2.0** – Initial Release of Premium Components. Added Navigation capabilities to this control.