

# ANALOG WAY LIVECORE™

## Module: FILTERING

### Crestron 3-series

Date: **February 06th 2019**  
Driver version: **V4.02**  
Compatible with: **LiveCore™ Firmware v4.00.x or above**

## GENERAL

This is an optional module for controlling LiveCore™ series processors. It allows you to manage copy filters that will be applied or not when loading Preset or Master Preset from memory.

## CONNECTION

This module has to be connected to the main module (LiveCore\_Main).

## Control

### Inter\_connect\_Modules

From_Module_Main	String_in	To be connected to the main module (LiveCore_Main)
<a href="#">Refresh_All</a>	<a href="#">Digital_in</a>	<a href="#">Pulse for module initialize</a>
To_Module_Main	String_out	To be connected to the main module (LiveCore_Main)
Message_Txt	String_out	Status message to be displayed in user interface. To be connected to the main module (LiveCore_Main)
<a href="#">Refresh_In_Progress_FB</a>	<a href="#">Digital_out</a>	<a href="#">Module initialization in progress</a>
<a href="#">Next_Module_Refresh_OS</a>	<a href="#">Digital_out</a>	<a href="#">To be connected to next module for daisy chain initialization</a>

### Scaler

Scaler_Enable_Toggle	Digital_in	Enable/disable Layers auto-resize option when recalling a Preset from memory
Scaler_Enable_FB	Digital_out	Layers auto-resize option status

### Filter

<a href="#">Filters_Saved_In_Memory_Toggle</a>	<a href="#">Digital_in</a>	<a href="#">Pulse to enable or disable filters copy with memory presets</a>
<a href="#">Filters_Saved_In_Memory_FB</a>	<a href="#">Digital_out</a>	<a href="#">1 if filters are saved in memory presets</a>
<a href="#">Filter_All_On_PB</a>	<a href="#">Digital_in</a>	<a href="#">Pulse to enable the copy of all elements when loading a Preset or a Master Preset from memory</a>
<a href="#">Filter_All_Off_PB</a>	<a href="#">Digital_in</a>	<a href="#">Pulse to disable the copy of all elements when loading a Preset or a Master Preset from memory</a>
<a href="#">Filter_All_On_FB</a>	<a href="#">Digital_out</a>	<a href="#">All elements are copied when a Preset is recalled from memory</a>
<a href="#">Filter_All_Off_FB</a>	<a href="#">Digital_out</a>	<a href="#">No element is copied when loading a Preset or a Master Preset from memory</a>
<a href="#">Filter_Source_Tog</a>	<a href="#">Digital_in</a>	<a href="#">Pulse to enable or disable the copy of the sources when loading a Preset or a Master Preset from memory</a>
<a href="#">Filter_Source_On_PB</a>	<a href="#">Digital_in</a>	<a href="#">Pulse to enable the copy of the sources when loading a Preset or a Master Preset from memory</a>
<a href="#">Filter_Source_Off_PB</a>	<a href="#">Digital_in</a>	<a href="#">Pulse to disable the copy of the sources when loading a Preset or a Master Preset from memory</a>
<a href="#">Filter_Source_FB</a>	<a href="#">Digital_out</a>	<a href="#">1 if the sources are copied when loading a Preset or a Master Preset from memory, 0 if not</a>

Filter_Pos_Size_Tog	Digital_in	Pulse to enable or disable the copy of the layers pos/sizes when loading a Preset or a Master Preset from memory
Filter_Pos_Size_On_PB	Digital_in	Pulse to enable the copy of the layers pos/sizes when loading a Preset or a Master Preset from memory
Filter_Pos_Size_Off_PB	Digital_in	Pulse to disable the copy of the layers pos/sizes when loading a Preset or a Master Preset from memory
Filter_Pos_Size_FB	Digital_out	1 if the layers pos/sizes are copied when loading a Preset or a Master Preset from memory, 0 if not
Filter_Transparency_Tog	Digital_in	Pulse to enable or disable the copy of the transparency levels when loading a Preset or a Master Preset from memory
Filter_Transparency_On_PB	Digital_in	Pulse to enable the copy of the transparency levels when loading a Preset or a Master Preset from memory
Filter_Transparency_Off_PB	Digital_in	Pulse to disable the copy of the transparency levels when loading a Preset or a Master Preset from memory
Filter_Transparency_FB	Digital_out	1 if the transparency levels are copied when loading a Preset or a Master Preset from memory, 0 if not
Filter_Crop_Tog	Digital_in	Pulse to enable or disable the copy of the crop settings when loading a Preset or a Master Preset from memory
Filter_Crop_On_PB	Digital_in	Pulse to enable the copy of the crop settings when loading a Preset or a Master Preset from memory
Filter_Crop_Off_PB	Digital_in	Pulse to disable the copy of the crop settings when loading a Preset or a Master Preset from memory
Filter_Crop_FB	Digital_out	1 if the crop settings are copied when loading a Preset or a Master Preset from memory, 0 if not
Filter_Border_Tog	Digital_in	Pulse to enable or disable the copy of the borders when loading a Preset or a Master Preset from memory
Filter_Border_On_PB	Digital_in	Pulse to enable the copy of the borders when loading a Preset or a Master Preset from memory
Filter_Border_Off_PB	Digital_in	Pulse to disable the copy of the borders when loading a Preset or a Master Preset from memory
Filter_Border_FB	Digital_out	1 if the borders are copied when loading a Preset or a Master Preset from memory, 0 if not
Filter_Transition_Tog	Digital_in	Pulse to enable or disable the copy of the transitions when loading a Preset or a Master Preset from memory
Filter_Transition_On_PB	Digital_in	Pulse to enable the copy of the transitions when loading a Preset or a Master Preset from memory
Filter_Transition_Off_PB	Digital_in	Pulse to disable the copy of the transitions when loading a Preset or a Master Preset from memory
Filter_Transition_FB	Digital_out	1 if the transitions are copied when loading a Preset or a Master Preset from memory, 0 if not

Filter_Effects_Tog	Digital_in	Pulse to enable or disable the copy of the effects when loading a Preset or a Master Preset from memory
Filter_Effects_On_PB	Digital_in	Pulse to enable the copy of the effects when loading a Preset or a Master Preset from memory
Filter_Effects_Off_PB	Digital_in	Pulse to disable the copy of the effects when loading a Preset or a Master Preset from memory
Filter_Effects_FB	Digital_out	1 if the effects are copied when loading a Preset or a Master Preset from memory, 0 if not
Filter_Timing_Tog	Digital_in	Pulse to enable or disable the copy of the timings when loading a Preset or a Master Preset from memory
Filter_Timing_On_PB	Digital_in	Pulse to enable the copy of the timings when loading a Preset or a Master Preset from memory
Filter_Timing_Off_PB	Digital_in	Pulse to disable the copy of the timings when loading a Preset or a Master Preset from memory
Filter_Timing_FB	Digital_out	1 if the timings are copied when loading a Preset or a Master Preset from memory, 0 if not
Filter_Speed_Tog	Digital_in	Pulse to enable or disable the copy of the transitions speeds when loading a Preset or a Master Preset from memory
Filter_Speed_On_PB	Digital_in	Pulse to enable the copy of the transitions speeds when loading a Preset or a Master Preset from memory
Filter_Speed_Off_PB	Digital_in	Pulse to disable the copy of the transitions speeds when loading a Preset or a Master Preset from memory
Filter_Speed_FB	Digital_out	1 if the transitions speeds are copied when loading a Preset or a Master Preset from memory, 0 if not
Filter_Fly_Curve_Tog	Digital_in	Pulse to enable or disable the copy of the 'Flying curve' effects when loading a Preset or a Master Preset from memory
Filter_Fly_Curve_On_PB	Digital_in	Pulse to enable the copy of the 'Flying curve' effects when loading a Preset or a Master Preset from memory
Filter_Fly_Curve_Off_PB	Digital_in	Pulse to disable the copy of the 'Flying curve' effects when loading a Preset or a Master Preset from memory
Filter_Fly_Curve_FB	Digital_out	1 if the 'Flying curve' effects are copied when loading a Preset or a Master Preset from memory, 0 if not
Filter_Native_Tog	Digital_in	Pulse to enable or disable the copy of the native backgrounds when loading a Preset or a Master Preset from memory
Filter_Native_On_PB	Digital_in	Pulse to enable the copy of the native backgrounds when loading a Preset or a Master Preset from memory
Filter_Native_Off_PB	Digital_in	Pulse to disable the copy of the native backgrounds when loading a Preset or a Master Preset from memory

Filter_Cut&Fill_Tog	Digital_in	Pulse to enable or disable the copy of the Cut&Fill mask when loading a Preset or a Master Preset from memory
Filter_Cut&Fill_On_PB	Digital_in	Pulse to enable the copy of the Cut&Fill mask when loading a Preset or a Master Preset from memory
Filter_Cut&Fill_Off_PB	Digital_in	Pulse to disable the copy of the Cut&Fill mask when loading a Preset or a Master Preset from memory
Filter_Cut&Fill_FB	Digital_out	1 if the Cut&Fill mask is copied when loading a Preset or a Master Preset from memory, 0 if not