

# ANALOG WAY LIVECORE

## Module: INPUT

### Crestron 2-series & 3-series

Date: **March 06, 2014**  
Driver version: **V1.01**  
Tested with: **LiveCore Firmware v01.02.x and v01.03.x**

## GENERAL

This is an optional module for LiveCore series control.

It has been designed for inputs management as:

- Input validity
- Plugs management
- Auto-Setting
- Auto-Center
- Status feedback

## CONNECTION

This module has to be connected to LiveCore\_Main module.

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Europe, Middle East & Africa: +33 (0)1 81 89 08 60  
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## Control

### Inter\_connect\_Modules

From_Module_Main	String_in	To be connected to LiveCore_Main module
<a href="#">Input_Refresh_All</a>	<a href="#">Digital_in</a>	<a href="#">Pulse for module initialization</a>
To_Module_Main	String_out	To be connected to LiveCore_Main module
Message_Txt	String_out	LiveCore_In module text status To be connected to LiveCore_Main module
<a href="#">Refresh_In_Progress_FB</a>	<a href="#">Digital_out</a>	<a href="#">Module status refresh in progress</a>
<a href="#">Refresh_All_os</a>	<a href="#">Digital_out</a>	<a href="#">To be connected to next module for daisy chain initialization</a>

### General

X is the input number (1=>24)

<a href="#">InputX_Available_FB</a>	<a href="#">Digital_out</a>	<a href="#">Validity status for InputX (1 if valid)</a>
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### Check\_input

X is the input number (1=>24)

<a href="#">Check_InputX_Infos_PB</a>	<a href="#">Digital_in</a>	<a href="#">Pulse to refresh InputX status</a>
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## INPUTX

X is the input number (1=>24)

Y is the plug number (0=>5)

InputX_Auto_Setting_PB	Digital_in	Pulse to start auto-setting for InputX
InputX_Auto_Center_PB	Digital_in	Pulse to start auto-center for InputX
InputX_Plug_Select	Ana_in	Plug selection (see table below for value)
InputX_Name_FB	String_out	InputX label
InputX_Auto_Setting_FB	Digital_out	Auto-setting status for Input X
InputX_Auto_Center_FB	Digital_out	Auto-center status for Input X
InputX_Auto_Center_Progress_FB	Ana_out	Auto-center progression for Input X (%)
InputX_Signal_Detected_FB	Digital_out	Signal detected
InputX_HDCP_FB	Digital_out	HDCP status
InputX_Signal_Format_FB	Ana_out	Signal format for Input X (see table below for value)
InputX_Active_Plug_FB	Ana_out	Selected Plug (see table below for value)
InputX_PlugY_Available_FB	Digital_out	Plug validity status
InputX_Signal_Width_FB	Ana_out	Signal width (pixel)
)InputX_Signal_Height_FB	Ana_out	Signal height (pixel)

Value for: InputX\_Plug\_Select ; InputX\_Active\_Plug\_FB

0	Plug of analog type (HD15 socket)
1	Plug of analog type (DVI socket)
2	Plug of DVI type (Single or dual link)
3	Plug of SDI type
4	Plug of HDMI type
5	Plug of DisplayPort type

Value for: InputX\_Signal\_Format\_FB

0	NONE
1	INVALID
2	UNKNOWN
3	SDTV NTSC
4	SDTV PAL
5	SDTV SECAM
6	SDTV 480i
7	SDTV 576i
8	EDTV 480p
9	EDTV 576p
10	HDTV 720p
11	HDTV 1035i
12	HDTV 1080i
13	HDTV 1080p
14	HDTV 2048x1080 Cinema
15	CEA861 720x240p
16	CEA861 720x288p
17	CPU 640x350
18	CPU 640x400
19	CPU 720x400
20	CPU VGA
21	CPU WVGA 5/3
22	CPU WVGA
23	CPU SVGA
24	CPU 1280x600
25	CPU 720p RGB
26	CPU XGA
27	CPU WXGA
28	CPU SWXGA
29	CPU 1366x768
30	CPU 800p RGB
31	CPU SWXGA+
32	CPU 1152x864
33	CPU 900p RGB
34	CPU 1600x900
35	CPU 960p RGB
36	CPU SXGA
37	CPU SXGA3
38	CPU SXGA+
39	CPU WSXGA+
40	CPU 1080p RGB
41	CPU 2K
42	CPU QWXGA
43	CPU UXGA
44	CPU WUXGA

45	CPU 1792x1344
46	CPU 1856x1392
47	CPU 1920x1440
48	CPU WQHD
49	CPU QXGA
50	CPU WQXGA
51	CPU CVT Timing
52	CPU GTF Timing with 5/4 aspect ratio
53	CPU GTF Timing with 4/3 aspect ratio
54	CPU GTF Timing with 16/10 aspect ratio
55	CPU GTF Timing with 15/9 aspect ratio
56	CPU GTF Timing with 16/9 aspect ratio
45	CPU 1792x1344
46	CPU 1856x1392
47	CPU 1920x1440
48	CPU WQHD
49	CPU QXGA

Crestron driver powered by



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