

INTRODUCTION

Crestron® driver for LivePremier™ series

V2.00

Developed by

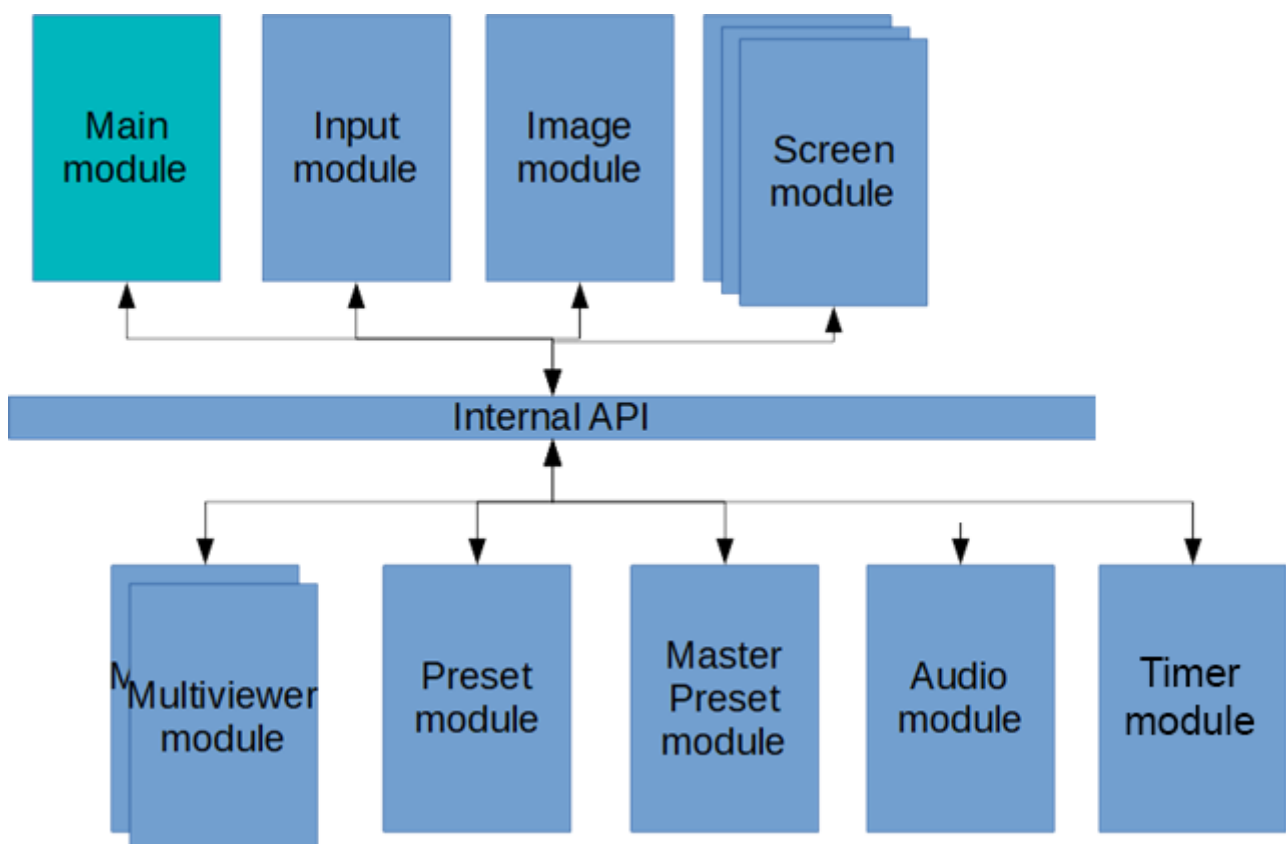


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Description

The **Crestron driver for the LivePremier™** series allows developers to remotely control the standard features of any LivePremier™ live presentation switcher from any Crestron 3-Series control system. The driver provides several functional modules (**Main** module is required; the others are optional) that can be combined according to your needs. You can load the example provided to see how they are structured/built.

Driver Modularity



Package content

The package contains the following components:

- The modular Crestron driver for the LivePremier™ series
- A SIMPL+® example program that demonstrates the different features supported by the driver
- A XPanel project running with the SIMPL+® sample program provided
- Help files in English

Key features

- Recall Screen/Aux Presets or Master Presets
- Display live sources and still image sources with dynamic snapshots and properties
- Change the background of a Screen or the source displayed in a layer
- Change the source displayed by an Auxiliary output
- Transitioning the Preview content to the Program
- Configure multiviewer output(s) widget sources
- Recall multiviewer presets
- Route de-embedded audio channels or Dante input audio channels to video outputs
- Control built-in timers
- Control device (reboot, shutdown, sleep or wake over LAN)

Requirements

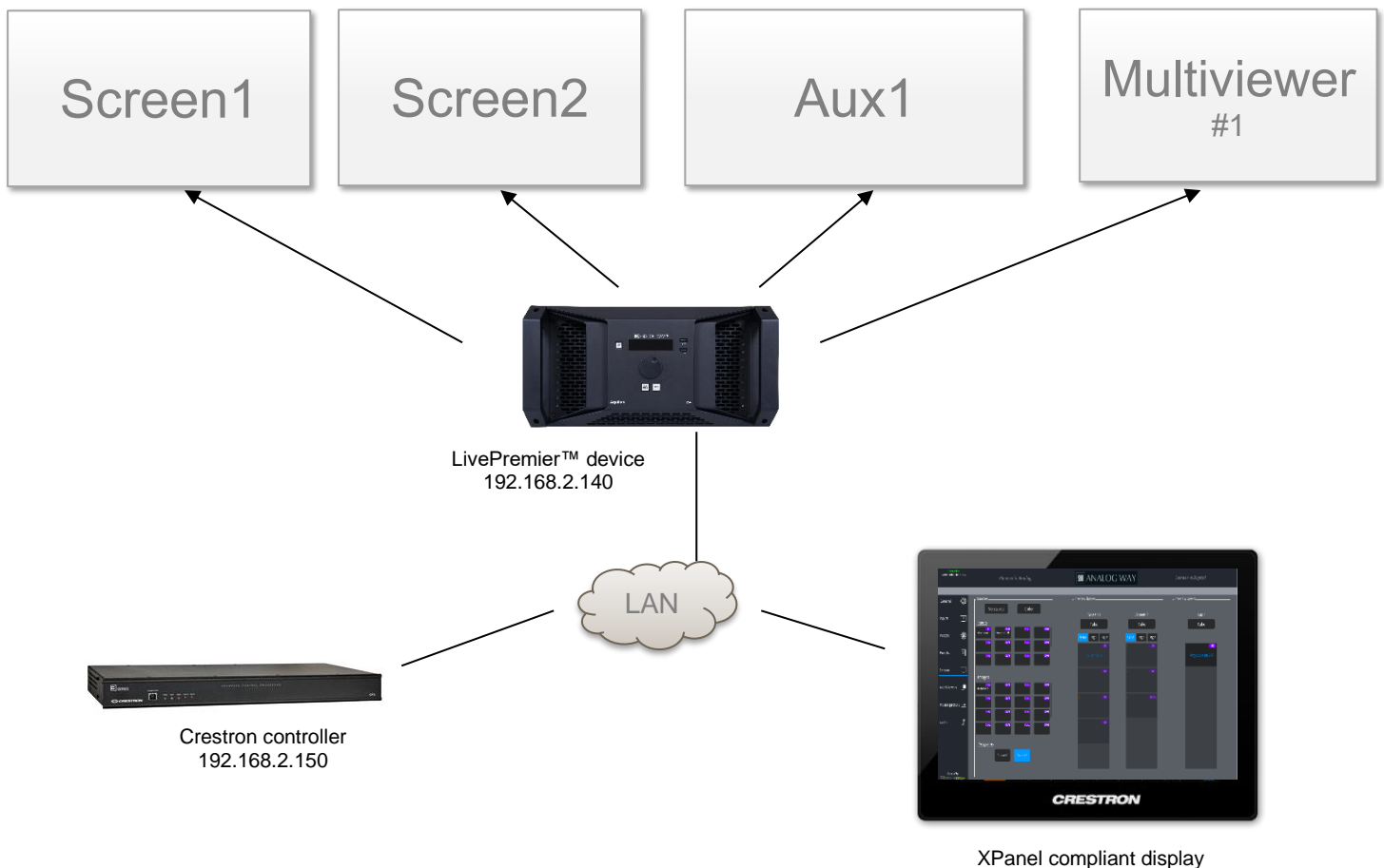
- Any Analog Way LivePremier™ live presentation switcher (Aquilon RS alpha, Aquilon RS1, Aquilon RS2, Aquilon RS3, Aquilon RS4, Aquilon C and Aquilon C+)
- A 3-series Crestron processor with Ethernet connection
- Any Crestron XPanel compliant display

Recommended software versions

Software	Versions
LivePremier™ firmware	2.00.231 or above
SIMPL Windows	4.11.06 or above
VTPro-e	6.2.00.03 or above
Smart Graphics™	2.15.04.00 or above
Device database	107.00.001 or above (not compatible with database > 200)
Crestron database	81.05.001.00 or above (not compatible with database > 200)
Simpl+ cross compiler	1.3 or above

Configuration and settings for running the 'advanced' example

The example provided within the package has been designed to control a LivePremier™ live presentation switcher with two Screens (Screen 1 and Screen 2), one Auxiliary output (Aux 1) and one Multiviewer (out #1). Before running this sample, please make sure your configuration (as well as the IP addresses) matches the diagram below:



The example also uses few screen presets and master presets that should be created with the Web RCS before running it:

- 10 presets common to both screens and auxiliary outputs
- Screen 1 and Screen 2 contain 4 layers
- Aux 1 can be used to display screen programs (scaled)
- Multiviewer 1 is used to preview sources, images or screens program (10 widgets can be controlled by the demo application)

Of course, you can reuse this example as much as necessary to implement your own solution.

Example configuration customization

Before running the demo program to control your own LivePremier™ live presentation switcher, it is strongly advised to customize information about the LivePremier device that will be controlled.

Program modifications:

- Open the LivePremier™ SIMPL demo program (*LivePremierCrestronDemo.smw*)
- Select the *Init* folder and use F9 to replace the default IP address (192.168.2.140) with your LivePremier™ device IP address.
- Go to end of the first module *S-1.1 : Multiple Serial Send* and modify if needed the LivePremier **MAC address** as well as the IP address included in the URL used to read the live source thumbnails **Device_Snapshot_Prefix_Txt**.
- Recompile and upload the program on a Crestron controller.

Do not forget to update the connection parameters when launching the demo Xpanel to access your Crestron controller. By default, the Xpanel application will try to connect on 192.168.2.150.

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