



Reactor 2.0

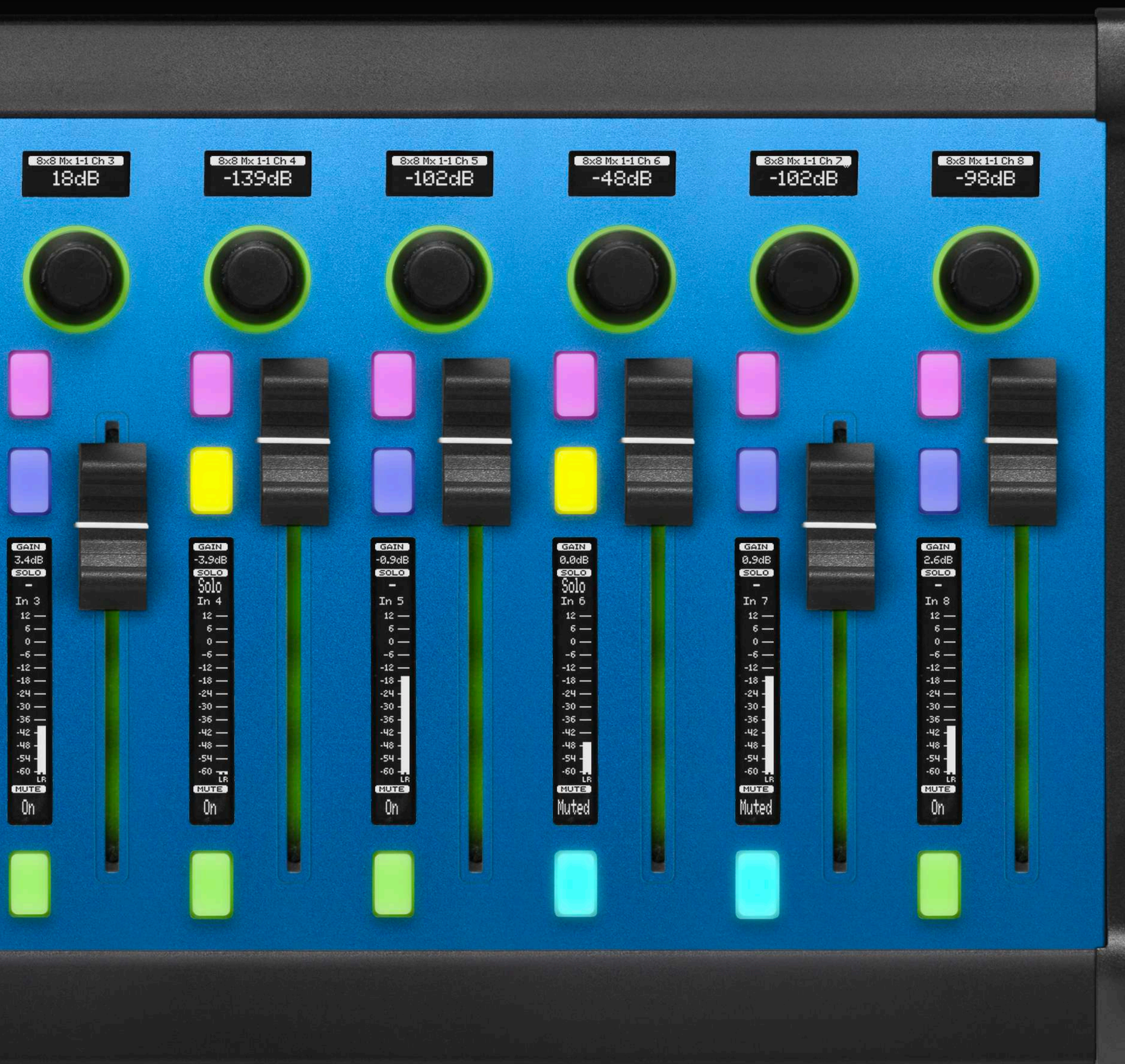
The screenshot displays the Reactor 2.0 web interface. At the top, there's a navigation bar with 'Reactor', 'Home', 'Configuration', 'Simulator', 'Packages', 'Settings', and 'Device: rackfusionlive'. The main area shows a configuration panel for 'Rack Fusion Live' (Panel ID: 2) which is 'Connected'. It features a 'Camera Selector' with a 'COMBO' of devices: Studio Camera 4K Pro Marshall CV730 (Device ID: 1), EOS-C300, AW-UE70, and Sony ILME-FR7. Below this are 'Tally Forwarding' (Kaspers ATEM Mini) and 'Routing Trigger' (KUM0 1616) modules. A right-hand sidebar lists connected devices: Panasonic PTZ AW-UE70 (Address: 192.168.10.249, Device ID: 1), BMD ATEM Kaspers ATEM Mini (Address: 192.168.10.70, Device ID: 1), Tyler's LA ATEM (Address: 192.168.10.74, Device ID: 2), Arri Cameras Arri Amira (Address: Device ID: 4, Missing required configuration), and JVC RCP GY-HM660 (Address:). The bottom of the interface shows version 'v1.0.7-pre1' and copyright '© 2023 SKAARHOJ'.

Your panels

Your configurations

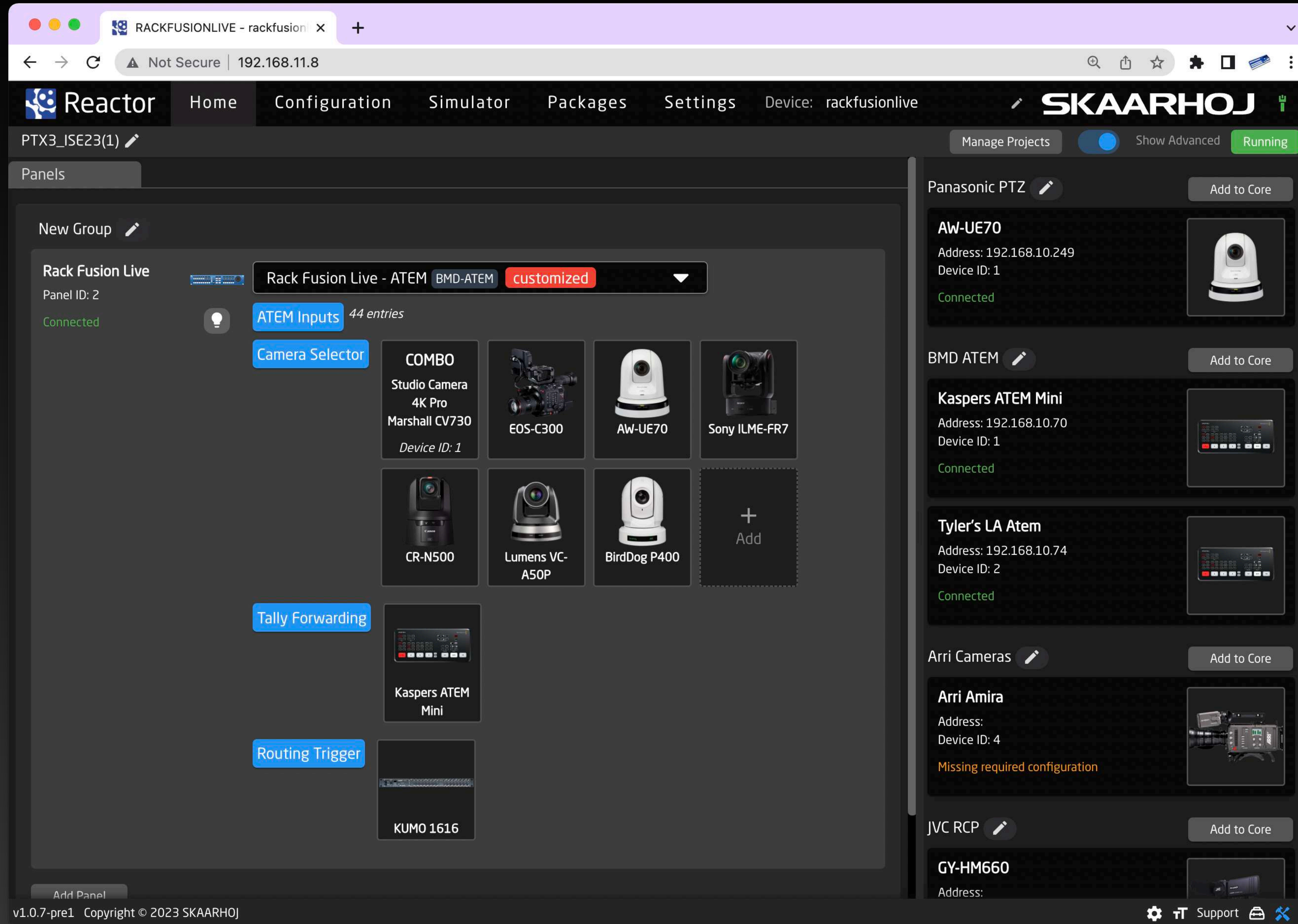
Your devices

Limitless Broadcast Control



Reactor™, SKAARHOJ's comprehensive broadcast control and automation system, streamlines production workflows, control panels, and AV devices for varying scales of operations. Its web application interface facilitates the creation and management of multiple projects with customizable panels, and devices. Reactor's modularity ensures seamless integration with numerous broadcast and AV devices, while its customization options allow users to assign behaviors to hardware components for adaptable, unique control systems.

- ★ Centralized management: Panels and devices in one place.
- ★ Modularity: Integrate panels seamlessly.
- ★ Sections and Pages: Build control like on Stream Deck.
- ★ Event handlers: Define hardware actions.
- ★ Virtual Triggers: Advanced system automations.
- ★ Generators: Auto-create layers and behaviors.
- ★ Scripting Engine: Custom automation with JavaScript.
- ★ Simulator: Virtual panel in the web browser.



Panels and Configurations

Assign a default configuration or create your own for any Raw Panel-compliant device.

Device Association

Effortlessly add devices like cameras, video switchers, routers, and audio processors depending on the configuration.

Additional Panels

Include more panels as part of existing configurations or manage them individually.

Home Screen

Reactor's Home Screen is the core of your production workflow. Effortlessly organize control panels, configurations, and AV devices, access high-level configurations through mapping tables or constant sets, and manage IP addresses and settings. Ideal for small or large-scale productions, the Home Screen serves as the central hub for integrating all components of your production environment.

Projects

Create numerous projects containing panel setups, configurations, and devices.

Devices and Device Cores

Device cores are applications connecting to specific device types. Add devices to projects from the Home Screen.

Settings

Reactor functions like a native app, allowing font size and setting changes, support team access, and advanced debugging tools.

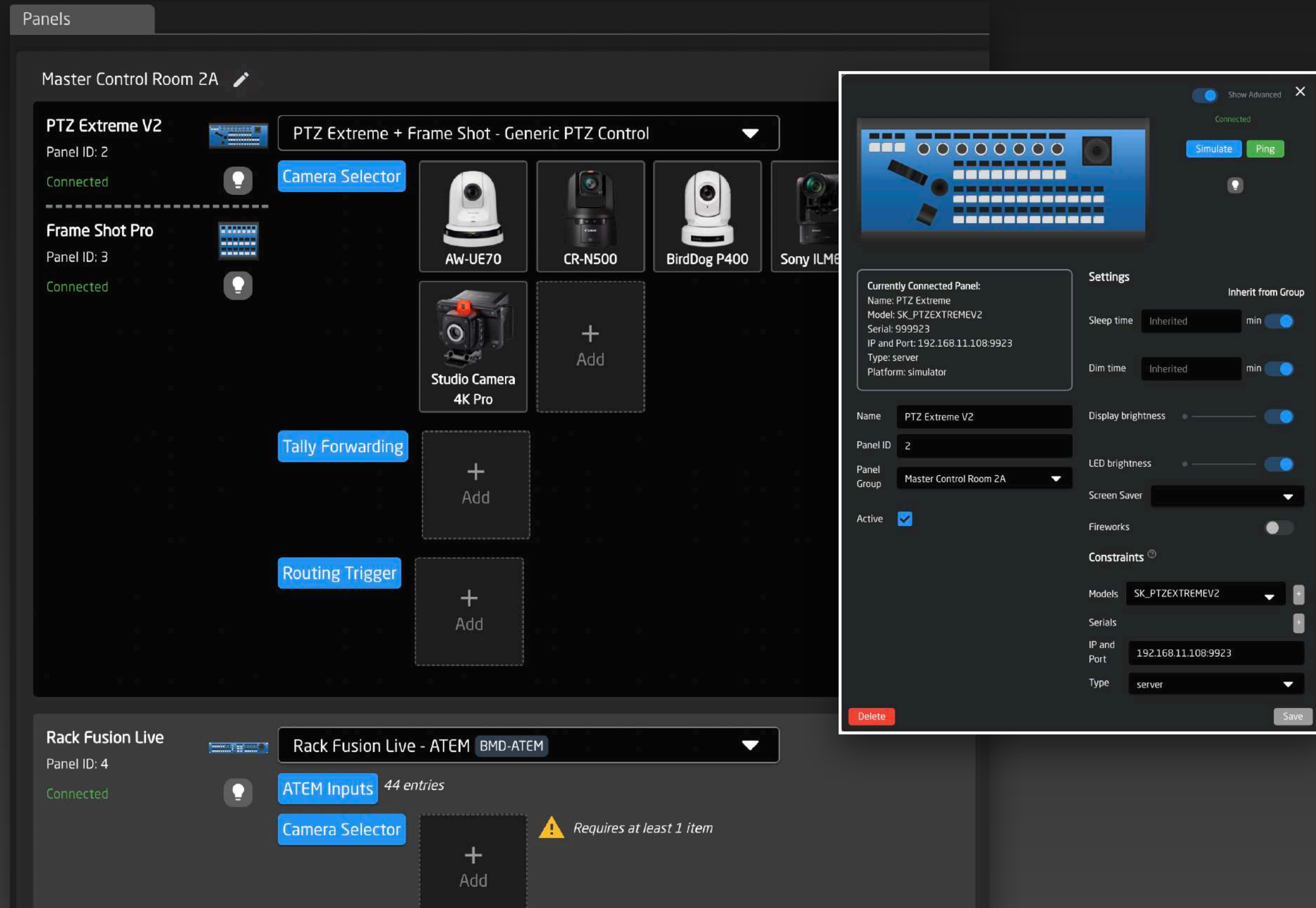
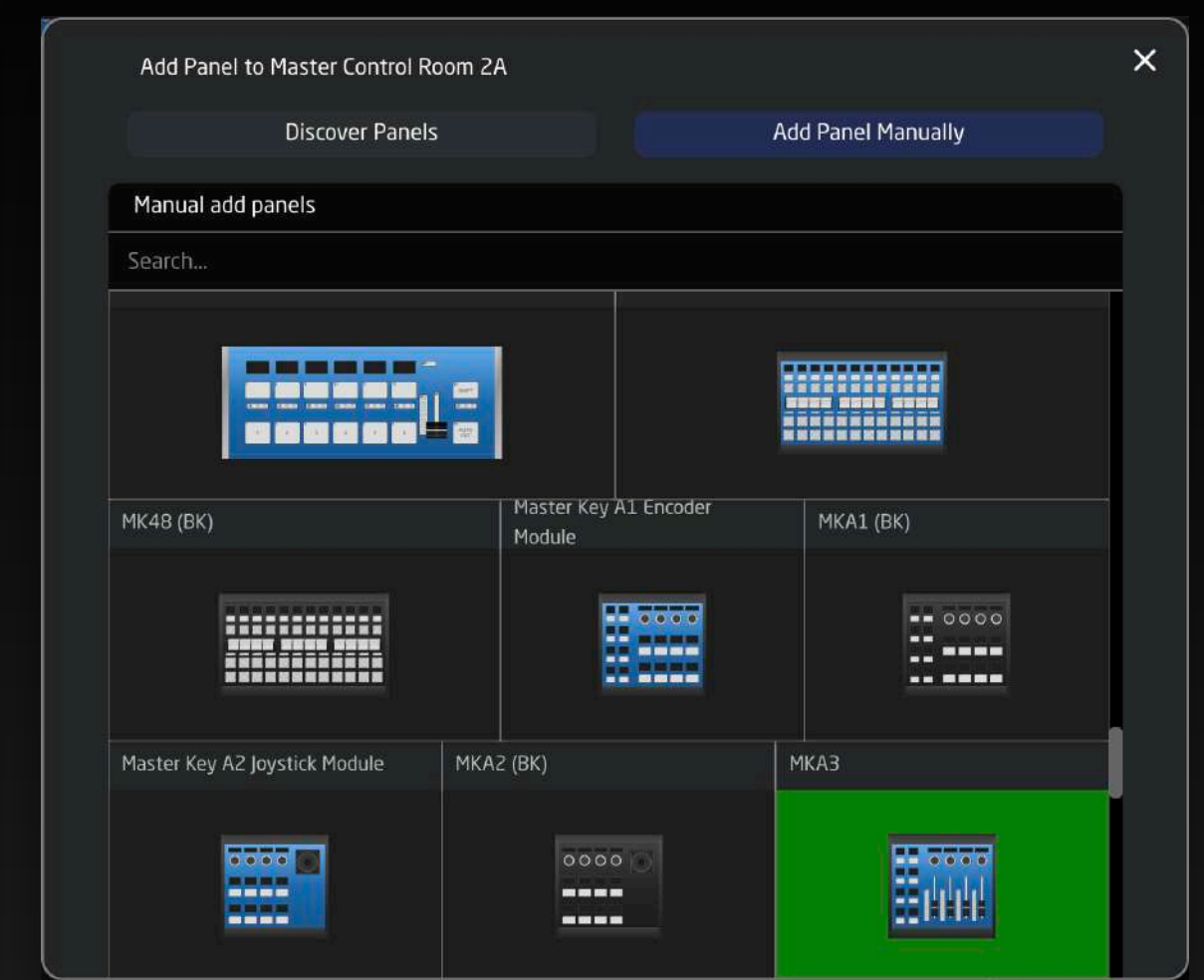
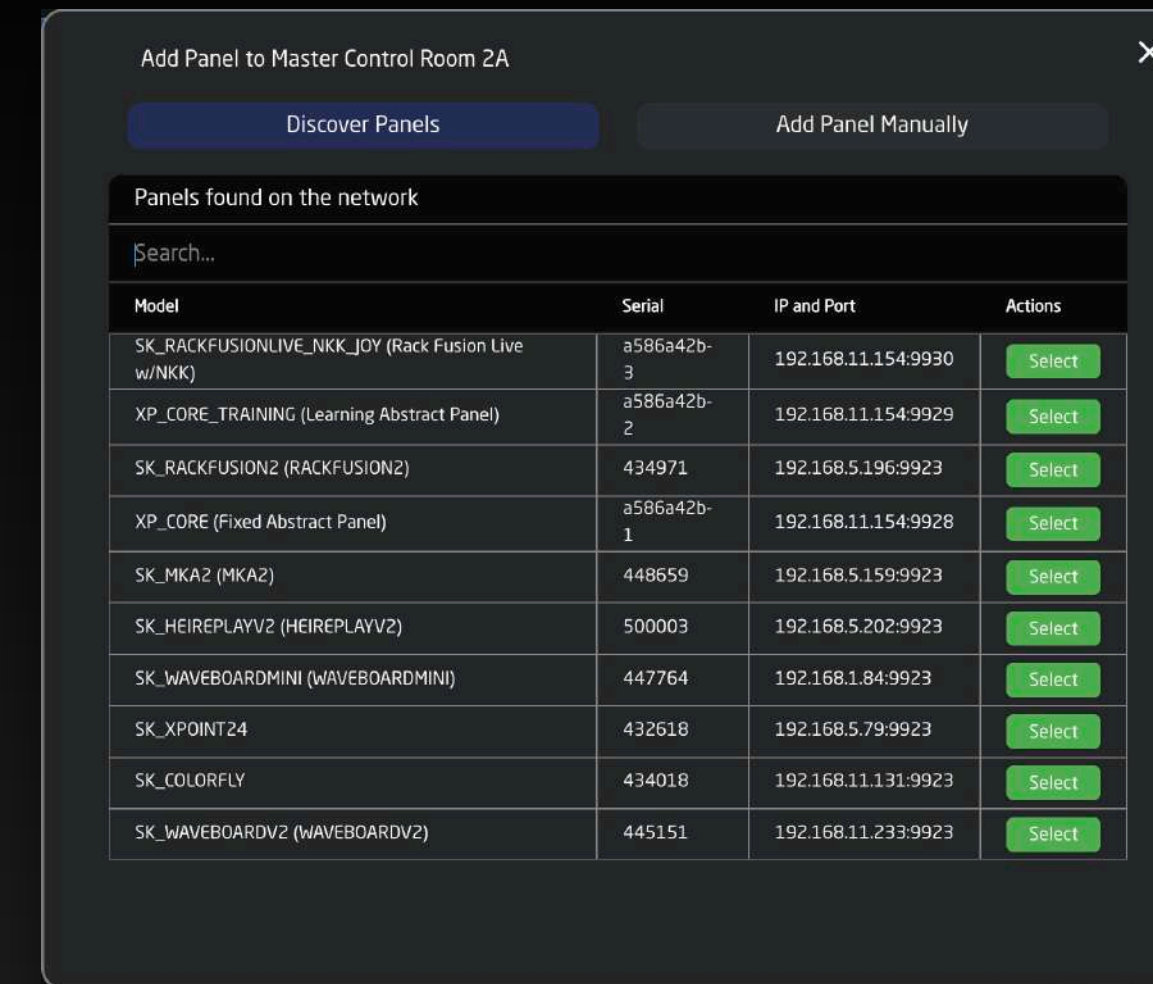
Panels

Modularity Reimagined

SKAARHOJ's modularity allows for seamless panel integration in Reactor's Home Screen. Panels like PTZ Extreme and Frame Shot Pro can be managed as a single unit with a shared configuration. The Rack Fusion Live panel is the host and runs the Reactor instance, while guest panels connect via the Raw Panel protocol, creating a versatile and powerful system.

Panels Settings

Reactor panels have customizable settings, such as sleep time, brightness, IP address, and model constraints, offering complete control over panel functionality.

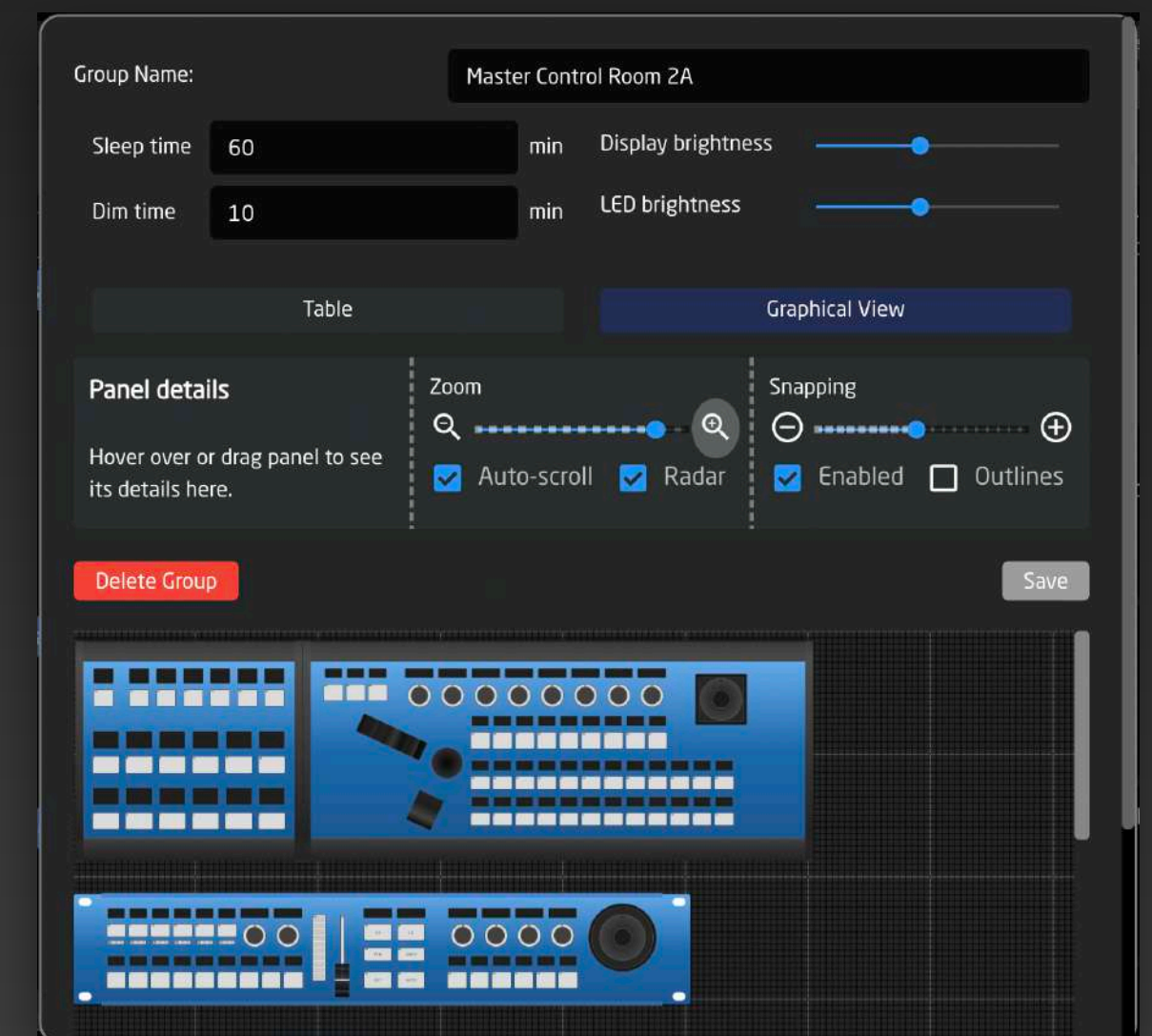


Adding Panels Made Easy

Adding panels to Reactor is easy, as it automatically discovers Raw-Panel compliant devices on the same network. Reactor's panel management system offers flexibility and seamless integration of new or unknown panels.

Panel Database

Reactor's panel database enables adding offline panels.



Panel Groups

Panels are organized into groups, simplifying alignment, and collective settings management, like sleep time and brightness. Groups represent modular panels, streamlining control for users.

Devices

Reactor connects to various Broadcast and AV devices, mapping functions to Raw-Panel compliant control surfaces for versatile integration.

Devices and Device Cores

Devices feature configuration details like name, model, IP address, and device ID, while Device Cores, as software components, provide an overview of models and parameters. They can also run remotely on Blue Pill-enabled units.

EOS-C300
Canon EOS C300 Mark III

Active

Name: EOS-C300

Device Id: 2

Model Id: EOS-C300

Description:

IP: 192.168.10.229
The IP address of the Canon device

Username: admin
The Username for the Canon device

Device Password:
The password that is set on the device

[Ping](#) [Core Logs](#)

[Delete](#) [Save](#)

AJA KUMO
Development Status: released

Address: local Simulate

Description: Type description here...

[Save Current State for Simulation](#)

[Parameter List](#)

[Autofix potential problems](#)

Core specific settings:

PersistentStorage
Save presets between reboots, if disabled it will clear all saved presets!

[Delete](#) [Save](#)

Devices

BMD Cam Control [Add to Core](#)

Studio Camera 4K Pro
Address: 192.168.10.96
Device ID: 1
Unconnected

Visca PTZ [Add to Core](#)

Marshall CV730
Address: 192.168.10.10
Device ID: 1
Unconnected

Sony ILME-FR7
Address:
Device ID: 3
Missing IP

Lumens VC-A50P
Address:
Device ID: 7
Missing IP

BirdDog P400
Address:
Device ID: 8
Missing IP

Canon XC [Add to Core](#)

EOS-C300
Address: 192.168.10.229
Device ID: 2
Connected

CR-N500
Address:
Device ID: 5
Missing IP

Adding Devices Made Easy

Adding devices is easy, as many can be discovered on the network and added with a single click.

Select Device To Add

[Discover Devices](#) [Add Manually](#) [From Device Collection](#)

Advanced filters Create combo devices

Devices found on the network Searching for devices...

Search...

Device Name	Device Core	Description	IP	Actions
EOS-C300	core-canon-xc-4	Canon EOS C300 Mark III	192.168.10.229	Select
ATEM 2 M/E Production Studio 4K	core-bmd-atem-13	ATEM 2M/E Production Studio 4K	192.168.10.240	Select
ATEM Television Studio HD	core-bmd-atem-8	ATEM Television Studio HD	192.168.10.58	Select
Kaspers ATEM Mini	core-bmd-atem-2	ATEM Mini	192.168.10.70	Select
ATEM Mini (Kenneth)	core-bmd-atem-2	ATEM Mini	192.168.10.72	Select
Tyler's LA ATEM	core-bmd-atem-2	ATEM Mini	192.168.10.74	Select
PP	core-protocol-midi-1	A generic midi model with 16 channels	192.168.11.160	Select
Christoffers ATEM Mini Pro	core-bmd-atem-3	ATEM Mini Pro	192.168.5.80	Select

Reusing Devices in Configurations

Devices in Reactor's collection can be reused in multiple configurations.

Select Device To Add

[Discover Devices](#) [Add Manually](#) [From Device Collection](#)

Advanced filters Create combo devices

Search:

CR-N500
Address: Missing IP
Device ID: 5
Missing IP [Select](#)

core-panasonic-ptz @ local

AW-UE70
Address: 192.168.10.249
Device ID: 1
Connected [Select](#)

core-bmd-atem @ local

Mapping Inputs and Cameras to Buttons

Mapping inputs and cameras to buttons uses a tabular view or mapping table, covering all essential settings for device-panel integration, including names, device numbers, configurations, tally indexes, and button colors.

Camera Selector

Description: This sets up the cameras using Standard Class configurations. [Learn more on the wiki](#)

Order	Mute	Binding	Device Number	Camera Name	Device Config	Tally Forward Config
	<input type="checkbox"/>	COMBO Studio Camera 4K P	1	Studio	SKAARHOJ.Devices.BMD-CamControl+VISCA.StdClass.Basic	SKAARHOJ.Devices.BMD-CamC
	<input type="checkbox"/>	EOS-C300	2	EOS-C:	SKAARHOJ.Devices.Canon-XC.StdClass.Basic	
	<input type="checkbox"/>	AW-UE70	1	AW-UE	SKAARHOJ.Devices.PanasonicPTZ.StdClass.Basic	SKAARHOJ.Devices.PanasonicI
	<input type="checkbox"/>	Sony ILME-FR7	3	Sony IL	SKAARHOJ.Devices.VISCA-Allstars.StdClass.Basic	SKAARHOJ.Devices.VISCA-Son
	<input type="checkbox"/>	CR-N500	5	CR-N5I	SKAARHOJ.Devices.Canon-XC.StdClass.Basic	SKAARHOJ.Devices.Canon-XC:
	<input type="checkbox"/>	Lumens VC-A50P	7	Lumen	SKAARHOJ.Devices.VISCA-Allstars.StdClass.Basic	SKAARHOJ.Devices.VISCA-Son

Controller

Blue Pill Server PTZ Extreme Fit all

Configuration: PTZ Extreme - Generic PTZ Control Section: Camera Adjustments

Pages: Home | Exposure | Color | Details | Matrix | Focus | Zoom | Preset | Trace | System | + Shift: Normal | Shifted

Inspector

Create behaviors Panel 2, HWC #4; Page: Background Shift: Normal

Search Create Empty Behavior

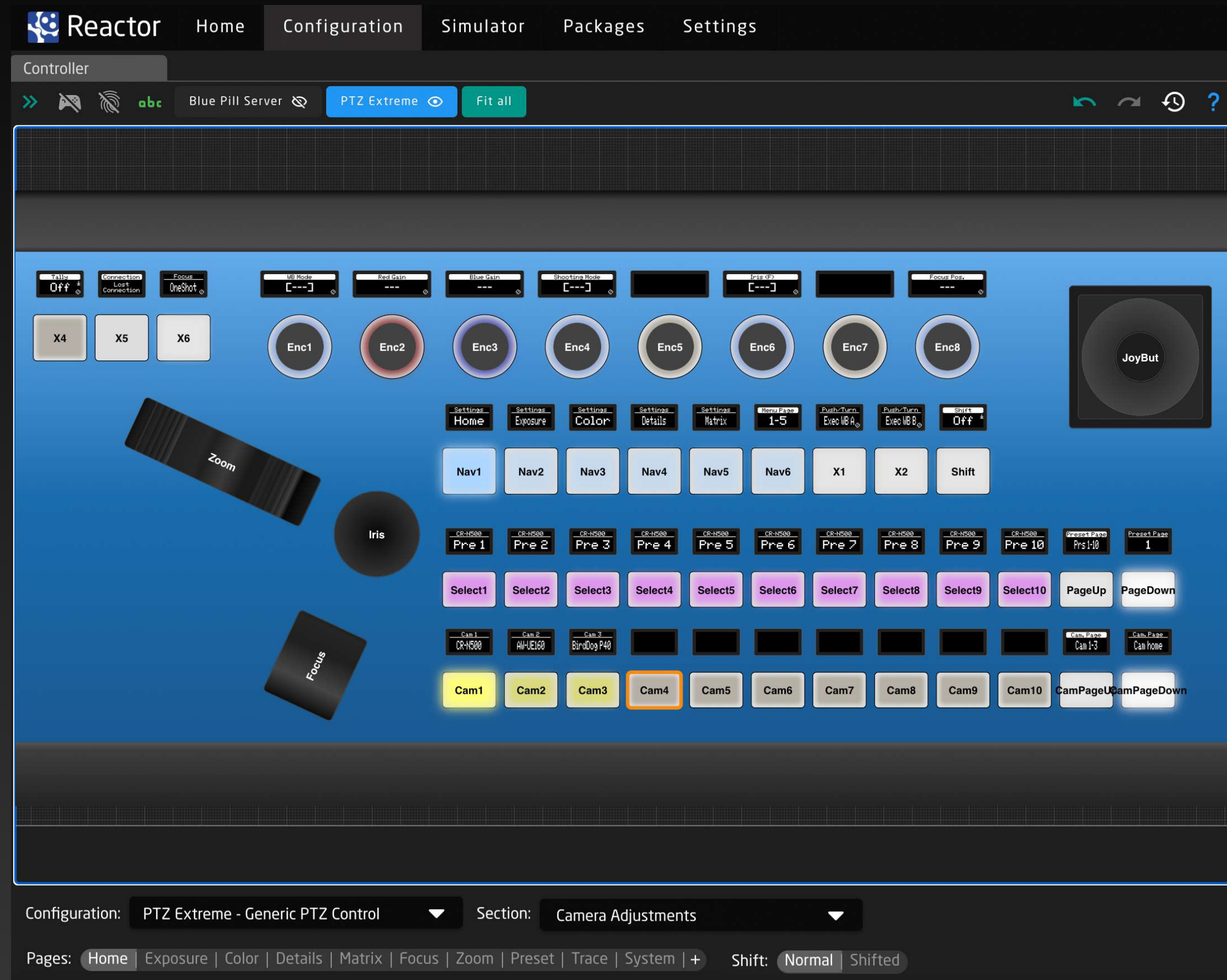
- > CR-N500 ID: 1
- > AW-UE160 ID: 1
- > BirdDog P400 ID: 1
- ▼ ATEM Mini Pro ID: 1
 - ▼ Program/Preview
 - Program Select
 - Preview Select
 - Program/Preview Select
 - ▼ Aux Output
 - Aux Select
 - Aux Cycle
 - Aux Cycle All
 - > Upstream Keyer
 - > Downstream Keyer
 - > Media Player
 - > Transition

Make it Yours

Customizing configurations is an advanced option, as default configurations handle essential adjustments on the Home Screen. Reactor's Configuration tab displays your controller graphically, enabling you to click on any hardware component to assign a behavior.

Components can be organized into sets of pages for additional functionality, allowing the creation of menu structures and adaptable control surfaces. Creating structures with pages and shift levels is generally straightforward, as you can assign behaviors specifying actions and feedback with a single click. The Configuration tab offers a user-friendly approach, grouping the controller's hardware components into sections.

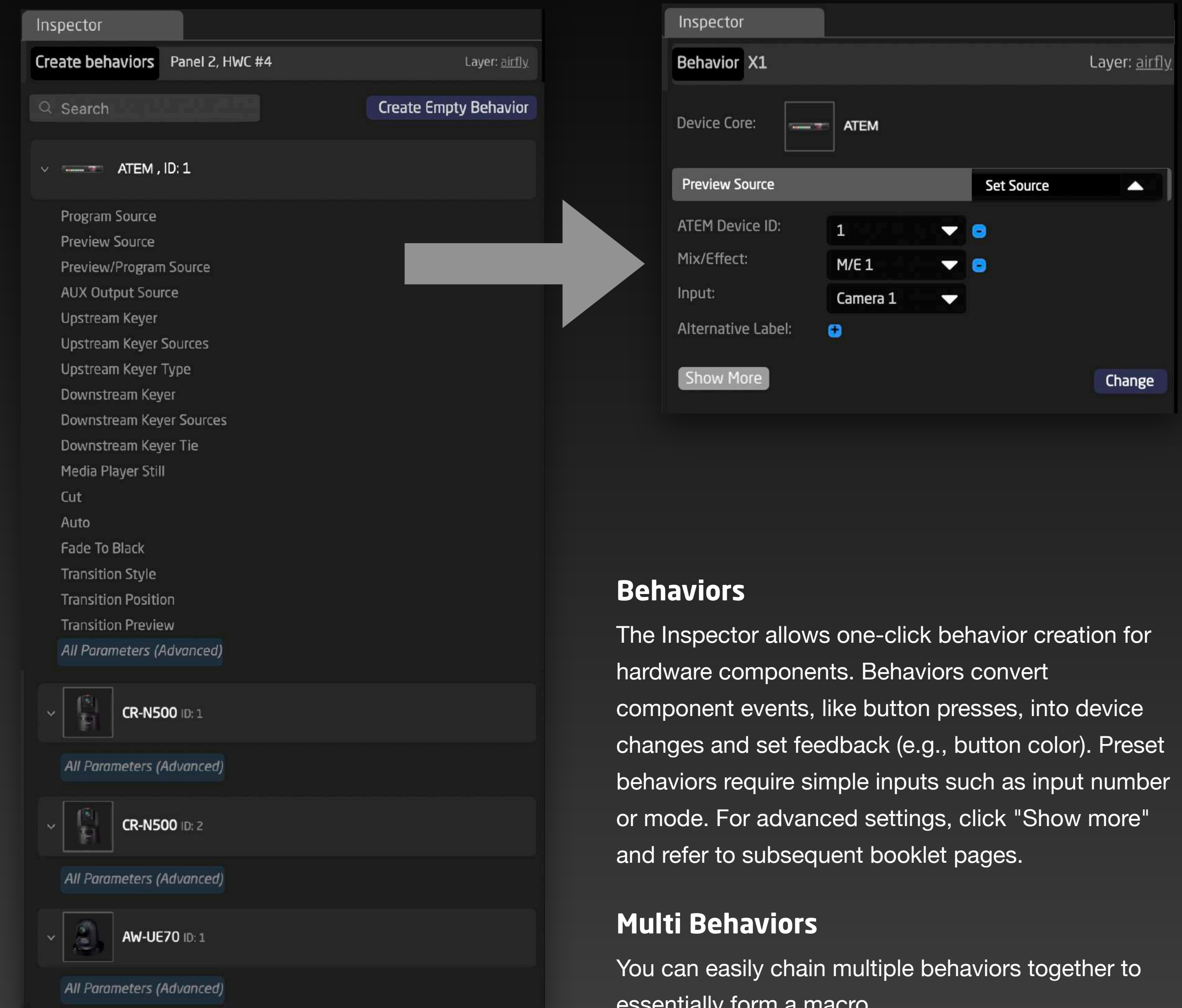
Pages and Sections



At the bottom of the screen, you can navigate between pages and add more pages within a given section.

Some sections can also include a Shift level for each page. The active page/shift level is where you add and edit behaviors in the Inspector.

One-Click Behaviors



Behaviors

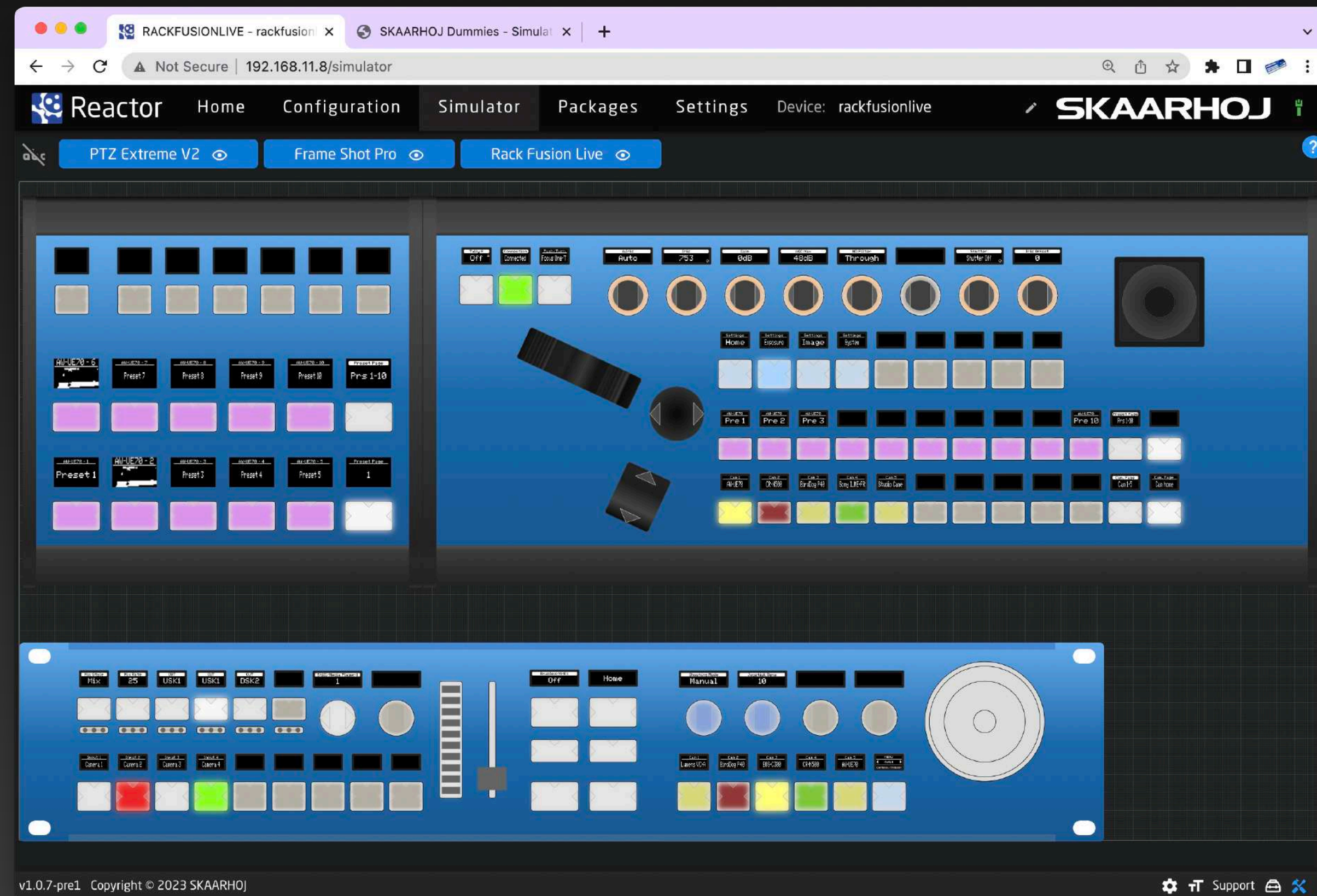
The Inspector allows one-click behavior creation for hardware components. Behaviors convert component events, like button presses, into device changes and set feedback (e.g., button color). Preset behaviors require simple inputs such as input number or mode. For advanced settings, click "Show more" and refer to subsequent booklet pages.

Multi Behaviors

You can easily chain multiple behaviors together to essentially form a macro.

Simulator

Reactor's advanced simulator provides a virtual, browser-based panel version for configuration, remote training, and occasional remote operation. The Simulator displays panels on their canvases, presenting modular controllers as a cohesive surface for seamless interaction.



PTZ Extreme

Packages

The Packages tab in a Blue Pill™ device, part of skaarOS™, serves as a package manager to install and update software packages. Connecting to SKAARHOJ's online repository for easy access or accepting uploaded package files for offline panels, it streamlines the process of managing your panel's software.

The screenshot shows the 'Packages' tab in the SKAARHOJ web interface. At the top, there's a navigation bar with 'System', 'Home', 'Configuration', 'Simulator', 'Packages', and 'Settings'. Below this, a 'Show pre-releases' toggle is visible. A section titled 'Important Software Updates Available' contains a search bar and a table with columns for 'Package Name', 'Package Description', and 'New Version'. One package, 'controller-rackfusionlive', is listed with version '0.2.6' and an 'Install' button. Below this is another search bar and a table with columns for 'Status', 'Package Name', 'Package Description', and 'Versions'. The table lists various packages like 'core-aja-kumo', 'core-arri-camera', 'core-bmd-atem', 'core-bmd-camctrl', 'core-canon-xc', 'core-directout-prodigy', 'core-jvc-rcp', 'core-panasonic-ptz', 'core-protocol-visca', and 'core-vaddio-ptz', each with its status and version, and some have update buttons.

Package Name	Package Description	New Version
controller-rackfusionlive		0.2.6 Install

Status	Package Name	Package Description	Versions
Running	core-aja-kumo	Core for AJA KUMO routers	1.0.1
Running	core-arri-camera	core to control ARRI Cinema Cameras via CAP and SSCP	1.0.0
Running	core-bmd-atem	core for BlackMagicDesign ATEM Video Mixers	1.0.1-pre4
Running	core-bmd-camctrl	Blackmagic Camera Control	0.0.2
Running	core-canon-xc	Core for Canon cameras supporting the XC protocol	1.0.0-pre1
Stopped	core-directout-prodigy	Direct Out Device Core for Blue Pill	0.2.0
Running	core-jvc-rcp	Core For Use With JVC Broadcast Cameras	0.0.4 Update to 0.0.6-pre3
Running	core-panasonic-ptz	Panasonic PTZ Broadcast IP Cameras	0.2.8
Running	core-protocol-visca	Core for VISCA protocol	0.2.6-pre38
Stopped	core-vaddio-ptz	Core for Vaddio PTZ Broadcast IP Cameras	0.1.4 Update to 0.1.7-pre2

Settings

The Settings tab, a feature of skaarOS, allows configuring the panel's IP address, viewing system logs, updating the operating system, and rebooting the device. It also enables WiFi access, activates Remote Support, and unveils expert features with Advanced Mode. The Settings tab offers a comprehensive and user-friendly interface for managing your panel's core settings and optimizing its performance.

The screenshot shows the 'Settings' tab in the SKAARHOJ web interface. The navigation bar includes 'System', 'Home', 'Configuration', 'Simulator', 'Packages', and 'Settings'. The 'Device: rackfusionlive' is shown. The interface is divided into several sections: 'System Information' with a table of system components and versions, 'IP Configuration' with fields for DHCP, IP address, Subnet Mask, Gateway, DNS Server, and Fallback DNS, 'Logs' with a dropdown menu and a 'Download Logs' button, and 'Settings' with a 'Remote Support' section that includes a 'What is Support Mode?' warning box and an 'Enable' toggle.

System component	Installed version
Operating System	0.14-pre3
Device Type	controller-rackfusionlive
System Manager	v1.0.2-pre2 (a11e9e8)
Serial Number	435775
Ethernet IP	192.168.11.8
Ethernet MAC	

IP Configuration

DHCP

Do not use for Internet Access

IP address: 192.168.11.8

Subnet Mask: 255.255.254.0

Gateway: 192.168.10.1

DNS Server: 8.8.8.8

Fallback DNS: 4.4.4.4

[Save](#)

Logs

all

```
core-canon-xc info Trying to connecting to device on module=main
core-canon-xc warning Unsuccessful in connecting to: module=main
core-bmd-camctrl warning Device 1 not connected. Connecting...
core-bmd-camctrl warning Device 1 not connected. Connecting...
core-canon-xc info Trying to connecting to device on module=main
core-canon-xc warning Unsuccessful in connecting to: module=main
core-canon-xc error Get \http://-wvhttp-01-/control.cgi: http: no Host in request URL module=main
core-canon-xc info Trying to connecting to device on module=main
core-canon-xc warning Unsuccessful in connecting to: module=main
```

[Download Logs](#)

Settings

Remote Support

What is Support Mode?

Support Mode enables full access to controller and web interface for the SKAARHOJ support team. Please also let the support team know your username and password for the webinterface or disable it here

Remember to turn off Support Mode when done.

Enable:



Air Fly Pro w/NKK

Projects

Projects organize panels, devices, and configurations, allowing swift switching to a new operational context. Blue Pill-enabled SKAARHOJ panels can host unlimited projects.

Advanced users benefit from collections grouping panels and devices. Multiple projects can reference the same collection, enabling reuse of device or panel sets. Reactor's efficient management showcases its power and versatility.

Show Advanced ✕

Search...

Project Title	Description	Panel Collection	Device Collection	Configuration	Status	Duplicate	Actions
MashUp		MashUp/latest	MashUp/latest	MashUp/latest	⌂ Activate	📄	🗑️
PTX3_ISE23(1)		PTX3ISE23/latest ✎	PTX3ISE23/latest ↕ ✎	PTX3ISE23/latest ✎	⌂ Activate	📄	🗑️
PTZ with Side Car		PTZwithSideCar/latest	PTX3ISE23/latest ↕ ✎	PTZwithSideCar/latest	⌂ Active	📄	🗑️
Playing With Modularity		PlayingWithModularity/latest	PlayingWithModularity/latest	PlayingWithModularity/latest	⌂ Activate	📄	🗑️
Video		Video/latest	Video/latest	Video/latest	⌂ Activate	📄	🗑️
VirtualTriggers		VirtualTriggers/latest	VirtualTriggers/latest	VirtualTriggers/latest	⌂ Activate	📄	🗑️
rackfusionlive	Congratulations with your new rackfusionlive! It's going to be amazing from here...	default/latest	default/latest	default/latest	⌂ Activate	📄	🗑️
	This collections is not used in any of your projects		PTZwithSideCar			📄	🗑️

Create new project
Import/Export

Connect It All



Touch Devices



X-keys



Blue Pill Server

Blue Pill, SKAARHOJ's next-gen platform, transforms broadcast and AV control. Integrated into most panels and available as a compact server device, it performs tasks like thumbnail frame grabbing, enabling UniSketch panels access to the Blue Pill ecosystem, and converting USB devices into Raw-Panel compliant entities. For example, network-enable X-keys and Stream Deck models as Raw-panel devices to complement SKAARHOJ broadcast panels by connecting them to Blue Pill and adding them to Reactor's panel collections.

Stream Deck



Generic Footswitch

```
Inspector
Various
Name: Menu
Description: 4-way menu for PTZ Fly with Sony BRC-X400, e
Active If: +
Constant Set: +
[Hide JSON] [Show Parent Behavior] [Format] [Save]

1
2 "Name": "Menu",
3 "Description": "4-way menu for PTZ Fly with Sony BRC-X400, e
4 "IOReference": {},
5 "EventHandlers": {
6   "adjustmenu": {
7     "Description": "Cycle menu pages",
8     "AcceptTrigger": "Binary",
9     "EventPreProc": {
10      "B2B": {
11        "InputEdge": {
12          "Default": {
13            "ActDown": {
14              "OutputTrigger": "None"
15            },
16            "ActUp": {
17              "TimeWindowToPrevTrigger": 1000
18              "OutputTrigger": "ActUp"
19            }
20          }
21        }
22      }
23    },
24    "BinaryType": "ActUp",
25    "BinaryEdgeFilter": "Top",
26    "BinarySetMode": "CycleUpRollOver",
27    "BinarySetValues": {
28      "Raw": "Var:SettingPage:All"
29    },
30    "IOReference": {
31      "Raw": "Var:SettingPage"
32    }
33  },
34  "engMenu": {
35    "Description": "Toggle Engineering Menu",
36    "AcceptTrigger": "Binary",
37    "EventPreProc": {
38      "B2B": {
39        "InputEdge": {
40          "Default": {
41            "ActDown": {
42              "Repeat": "Delayed",
43              "RepeatDelay": 1000,
44              "MaxRepetitions": 1,
```

JSON

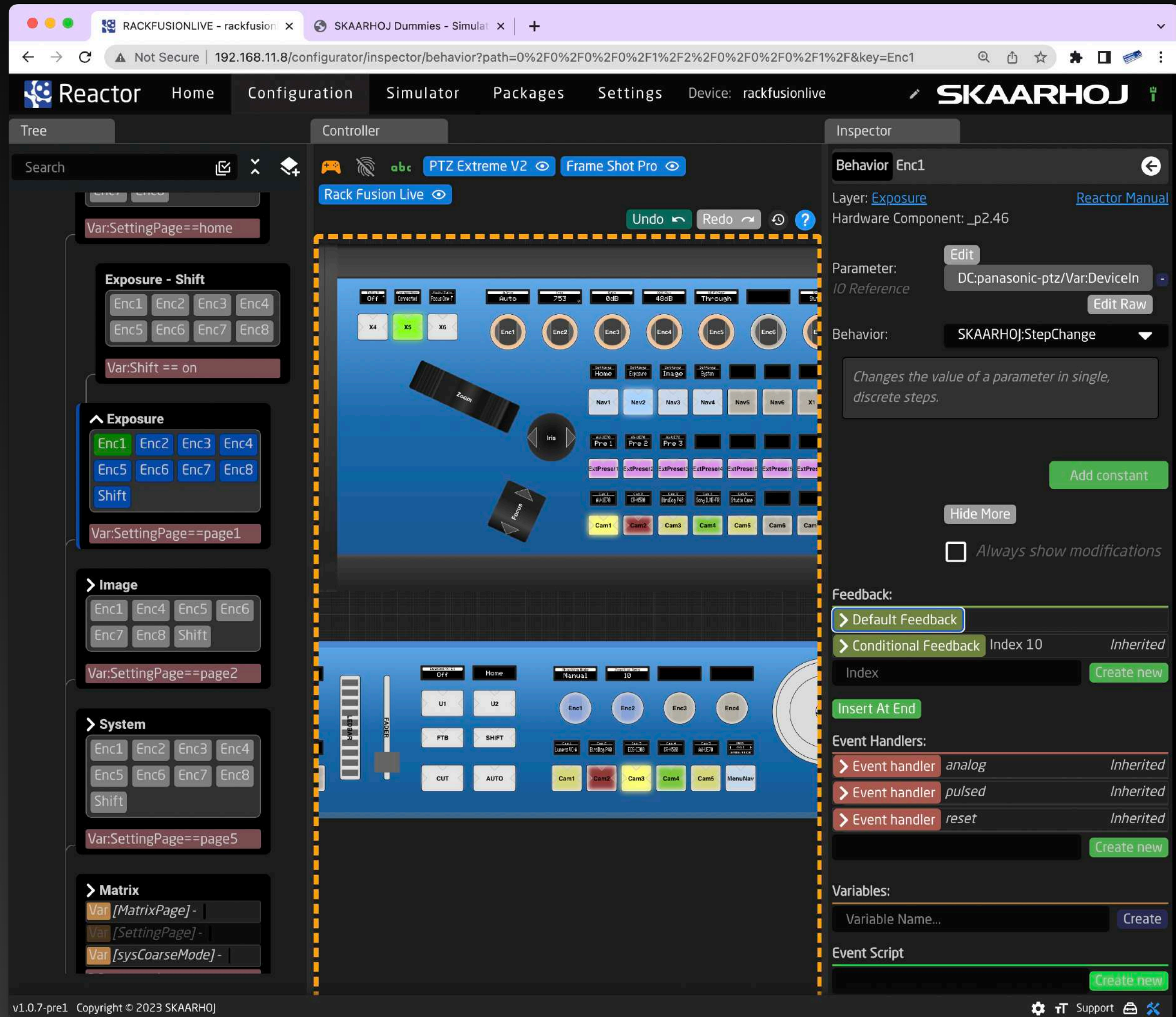
Edit Raw!

Reactor's configuration system allows seamless transition between a modern web UI and a code editor for direct JSON data modifications. This flexibility is appreciated for speed and accuracy. Reactor's built-in editor understands symbols, field names, and permitted values for fast configuration "coding." Advanced search and replace features eliminate external code editor needs, making Reactor an all-in-one configuration management solution.

```
["Name": "Default BLUEPILL Configuration",
  "A"
  "I" ActiveIf
  Layers
  ManualDescription
  "H" MasterBehaviors
  Variables
  FlagGroups
  Metadata
  ConstantSets
  "N" FeedbackDefault
  "I" Generator
  Template
  ], VirtualTriggers
  "ConstantSets": {
```

Layer View

Layer View shows the configuration as a nested layer structure of active or inactive behaviors based on their positions and visibility conditions. Layers act as the engine enabling interaction schemes in Reactor.



Behaviors like U1, U2, etc., are organized in layers, with active layers and behaviors highlighted in blue. Layers can be nested indefinitely; for example, "Navigation" and "PTZ Section" layers are children of the "Air Fly Pro Background" layer. An arrow on "PTZ Section" signifies it has child layers as well.

Layer visibility is crucial in Reactor's behavior selection for specific hardware components. Layers with visibility conditions, such as "Var:Shift == on", indicate the variable Shift must be set to 'on' for the layer and its behaviors to be active.

The "Air Fly Pro Background" layer has multiple behaviors assigned to different hardware components, including AUTO, CUT, DISP, KEY1, etc. A layer can also hold more than just behaviors, containing variables used to control menus, layer visibility (State and Shift), M/E Row selection for a switcher, device ID or camera number selection, and so on.

Master Behaviors serve as foundations for behaviors assigned to hardware components. By referencing a master behavior, a hardware component behavior can customize itself by changing specific attributes only, such as constant values (inputs, M/E row, channel, device ID, etc.), button color, or display label.

KeyMaps associate user-friendly aliases (e.g., CUT, AUTO, DISP) with a hardware component's numerical ID. KeyMaps enable entire configurations created for one panel ID to be remapped to another.

Layers can incorporate other layer files in the system, enabling the reuse and composition of larger configurations from smaller libraries of configuration.

The layer structure is referred to as a tree, with its root at the bottom.

Generators

Generators auto-create layers and behaviors using mapping table data for easy camera addition, input rearrangement, and preset page generation. They enhance default configurations for seamless experiences.

The screenshot shows a tree view of the Reactor interface. It includes a search bar and a list of generated elements:

- Cam 1**: Contains buttons for Cam1, Cam2, Cam3, Cam4, and Cam5. A variable is defined: `Var:CameraPage == 1`.
- Cam 2**: Contains buttons for Cam1, Cam2, Cam3, Cam4, and Cam5. A variable is defined: `Var:CameraPage == 2`.
- Camera Selector**: Contains buttons for Cam1, Cam2, Cam3, Cam4, and Cam5. A variable is defined: `Var:[CameraPage]-`. It also shows `Gen Type: Behaviors` and `Var:ShowCamSelector == show`.
- SKAARHOJ.Devices.Vaddio.StdClass.Basic**: A layer with `Var:LinkSelector == SKAARHOJ.Devices.Vaddio.StdClass.Basic`.
- SKAARHOJ.Devices.VISCA-Allstars.StdClass.Basic**: A layer with `Var:LinkSelector == SKAARHOJ.Devices.VISCA-Allstars.StdClass.Basic`.
- No name**: A layer with `Var:LinkSelector ==`.
- Camera control layers**: Contains `Var:[LinkSelector]-`, `KeyMap Mapped aliases: 5`, and `Gen Type: LinkIDselector`.

The screenshot shows the Reactor Inspector for a **VirtualTrigger** component. It includes the following fields and options:

- Name:** Input1 To Kumo Out 2 Input 2
- Description:** Description
- Mode:** Binary
- Condition:** `DC:bmd-atem/1/ProgramI` (with Edit, Check, and Edit Raw buttons)
- Then... Behavior:** `DC:aja-kumo/1/routeInputToOutput/2/` (with Show More and Show JSON buttons)

A callout box explains: "In Binary mode a condition will be interpreted like a Binary trigger (basically imitating a button). While the condition is true the VirtualTrigger is 'pressed' and while its false it is 'released'".

Virtual Triggers

Virtual Triggers in Reactor are software-generated events activating actions or behaviors, functioning like physical triggers but from internal processes or connected devices. This allows advanced customization, automation, and complex control scenarios.

The screenshot shows the **Auto Keyer** interface. It includes a text input for "Enter Maximum time to run", buttons for "Save current File" and "Format Code", and a code editor with the following JavaScript code:

```

1 function USKLabel(a) {
2   return a == 0 ? "BKGR" : "USK" + a;
3 }
4
5 var event = GetEvent();
6 if (event.Binary != undefined && event.Binary.Pressed) { // Only start on butto
7
8   var usk = parseInt(GetIOReferenceFirstValue("Behavior:Const:USK"));
9   console.log("USK from constant: " + usk);
10
11  var meRow = parseInt(GetIOReferenceFirstValue("Var:MErow"));
12  console.log("meRow from variable: " + meRow);
13
14  // Pick up current transition states:
15  var nextTransitionStates = [];
16  for (a = 0; a < 5; a++) {
17    nextTransitionStates[a] = GetIOReferenceFirstValue("DC:bmd-atem/1/Transiti
18    console.log("Store state for " + USKLabel(a) + ": " + nextTransitionStates
19  }
20
21  // Set new transition states (starting with USKs since we need the background
22  for (a = 4; a >= 0; a--) {
23    var newValue = a == usk ? "true" : "false";
24    if (nextTransitionStates[a] != "----" && nextTransitionStates[a] != newValu
25    console.log("Change " + USKLabel(a) + " from " + nextTransitionStates[
26    SetIOReferenceValues("DC:bmd-atem/1/TransitionNextTransition/" + meRow
27    var ok = false;
28    for (wait = 1; wait <= 100; wait++) {
29      if (GetIOReferenceFirstValue("DC:bmd-atem/1/TransitionNextTransiti
30      ok = true
31      break;
32    }
33    Sleep(5);
34  }
35  if (!ok) {
36    console.log("Error setting DC:bmd-atem/1/TransitionNextTransition/
37  }
38  }
39  }
40
41  SetIOReferenceValues("DC:bmd-atem/1/Auto/" + meRow + "/"); // Trigger Auto tr
42  Sleep(100); //
43
44  console.log("Waiting for transition to complete...");
45  var ok = false;

```

The interface also shows "File is saved" and "v1.0.7-pre1 Copyright © 2023 SKAARHOJ" at the bottom.

Scripting

Reactor features a built-in JavaScript-based scripting engine with an intuitive in-browser editor for custom automation and complex actions. Users can retrieve and set IOreference values and use the sleep command to control the flow. The scripting engine, currently in beta, unlocks endless creative possibilities.

Beta

Black Level

3

BirdDog P240

RCP Pro



Focus

Focus OP

White Bal.

Exec WB A

Iris

F5.2



Lock RCP

Open

Tally

Preview ↓

Shift

Off ↓

Preview ↓

Off ↓



This Booklet