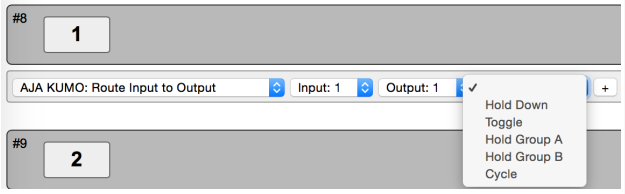
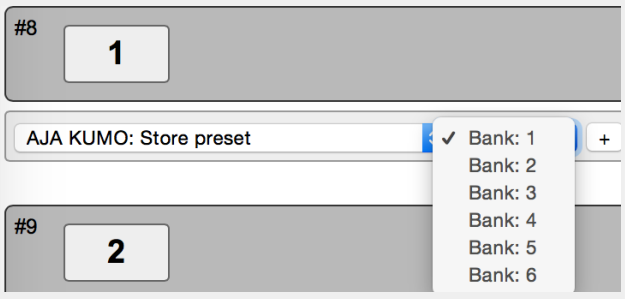
Device: AJA KUMO

Introduction

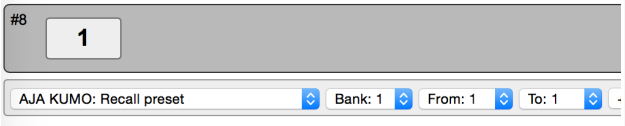
The integration with the AJA KUMO routers are very similar to the Device Core "BMD Videohub". You can control up to 64x64 IO points. If you have configured naming on the KUMO router for inputs/outputs these will be shown in the display of the controller.

The AJA KUMO Device Core is known to work with firmware v. 4.3.0.9

This is a table of actions for the AJA KUMO compact SDI Routers.

Route Input to Output 	Route a given input to a given output *Binary triggers:* Sets the selected routing. If Hold Down Is selected, the routing will fall back to the previous routing routine whenever the trigger is released. Toggle will select the routing, but on a second trigger, it will fall back to the previous routing. Hold Groups will fall back to previous routing for a group of triggers using a queue system and finally to the first previous value before any trigger in the group as activated. If Cycle mode is selected, a trigger will set the next Input, while maintaining the selected Output (corresponds to a single pulse input) *Pulse inputs:* Will cycle through the Inputs while maintaining the selected Output. *Binary outputs:* On when actual Input matches Output (or when trigger is held in Cycle mode) *Button colors:* Will be highlighted when Input matches Output, otherwise dim. In Cycle mode color will be highlighted when button is held down. *Displays:* "Input x/Output y"
Store Presets 	Saves the input/output routing of the KUMO *Binary triggers:* Store preset to specified Bank *Pulse inputs:* Store preset to specified Bank *Binary outputs:* Activated when preset saved *Button colors:* Yellow highlighted when preset saved. Otherwise dimmed yellow. *Displays:* Shows the saved preset bank number "Bank: x"

Recall Presets



Recall preset while defining the range of Outputs affected

Binary triggers: Recall preset from selected bank. The range "From" and "To" defines the Outputs which should be recalled. Outputs outside this range will not be affected by the "Recall" action.

Pulse inputs: Recall presets

Binary outputs: Activated when preset have been Recalled.

Button colors: Yellow highlighted when preset recalled. Otherwise dimmed yellow.

Displays: Shows the selected recall bank number and the range of Outputs. "Bank: x – y/z"

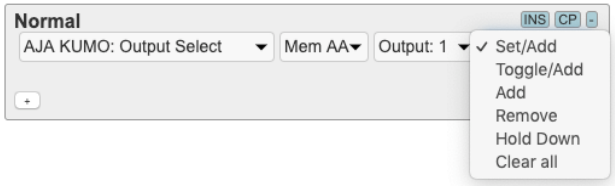
Hold Group Defaults

Configuration of a fixed Hold Group default input - the input that a Hold Group queue will fall back to.

If you are using Hold Groups with very quick triggers you may experience that the original input was not correctly picked up due to the timing gap between a command is sent and to the KUMO reports back the new value. With this configuration value you are guaranteed that the fall back will always be a particular input.

This action does not depend on any trigger from the HWC, it will always be evaluated if inside the proper state and shift levels.
Has a transparent return value.

Output Select



See "Memory Groups" from System Device core for functionality except noted below:

Display text: For displays and smart switches, the value will be shown as the output label from the KUMO. The title bar till show "Output Sel". In case "Clear all" is selected, "Clear all" will be shown in the display.