Device: BMD Multiview 16



Introduction

The Device Core "BMD Multiviewer" can be used to control

- Multiviewer 4
- Multiviewer 16

Important Notice for Action: Select Source For Solo

At some point the Protocol for selecting Solo Channels/routing on the Blackmagic Multiviewer changed (to use the VideoHub protocol). We are in the process of acquiring a Multiviewer so we can fix the issue.

This means that the **Action: Select Source For Solo** does not work!

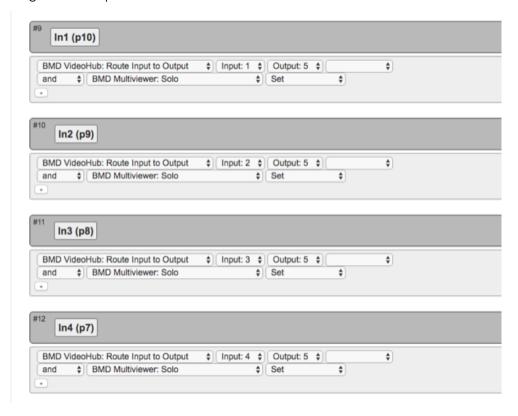
In the mean time the work around is described below. Please notice this workaround have not been tested by us, but reported to work by our clients. In general the workaround is:

- Use the Multiviewer Device Core to control switching from "Solo" to "Multiview" mode via "set" and "clear"
- Use the BMD VideoHub Device Core to control routing for Solo Source

On Multiviewer 4

Use the BMD VideoHub Device Core to select source for solo by routing input 1, 2, 3 or 4 to output 5.

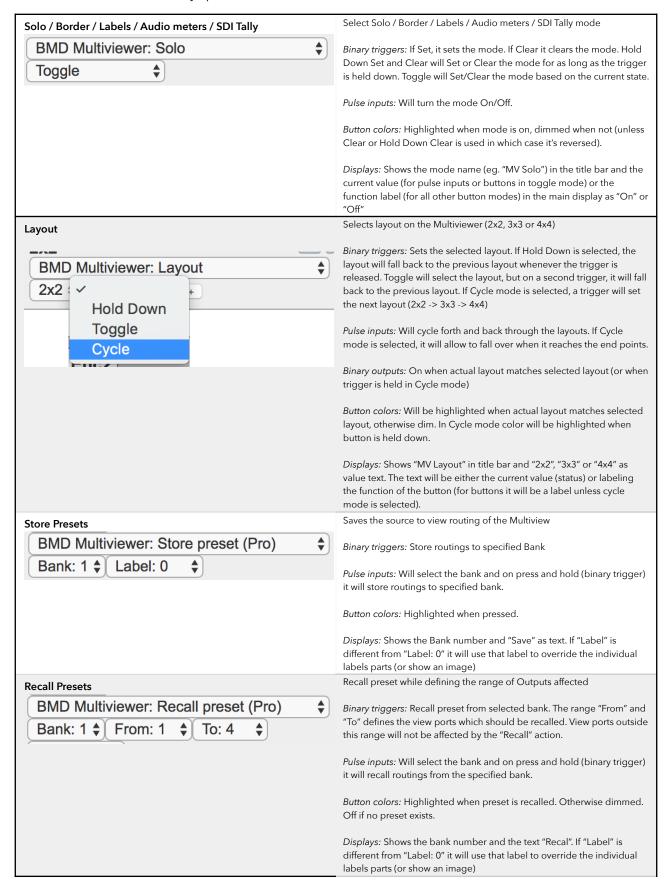
Output 5 is "Solo". Output 6 is audio selector. Output 1, 2, 3 and 4 are fixed for the 2x2 multiview and cannot be changed. A example can be see below but other combinations can be utilised.



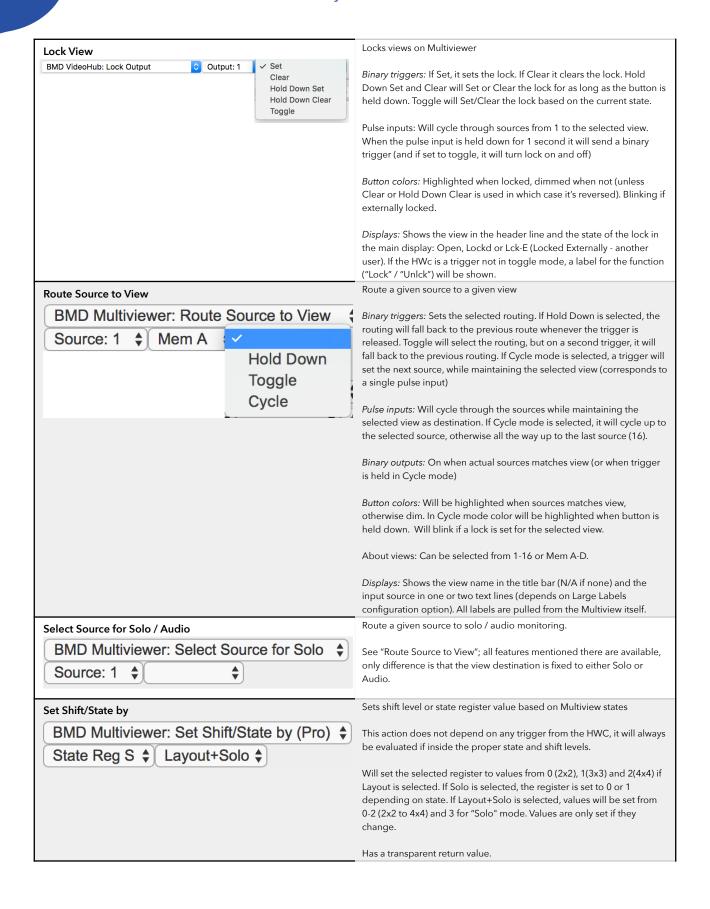
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This is a table of actions for Blackmagic Multiview 16

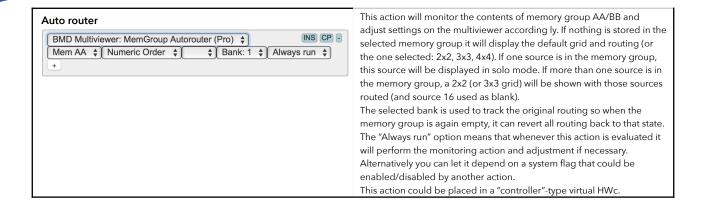
All actions applies to Multiview 16 while only some will work on Multiview 4 (according to Blackmagics documentation, it's not clearly specified which).



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A device configuration option exist:

- Index 0: Large labels: If "1", labels in displays will be max 5 chars and big font. For instance, if the Multiview device core is the first one, the value could be "D0:0=1" to enable large labels.