Lumagen Tech Tip 2
Using Independent Output Mode

Introduction
Each input has four input memories and the output has eight shared output configuration memories. You can use the Independent Output Mode to link the four input memories, "MEMA" through "MEMD", to the eight output configuration memories, OUTCFG0 through OUTCFG7.

Independent Output Mode is used for a variety of reasons.
- Set up a 48Hz output configuration to watch movies and a 60 Hz output configuration to watch video.
- Set up output configurations with different aspect ratios to watch movies that have different aspect ratios.
- Set up output configurations for two different displays.
- Set up output configurations to store the calibration settings for several video sources that are connected through a video switcher to one input on the Lumagen.

The advanced remote has four buttons "MEMA", "MEMB", "MEMC" and "MEMD" to directly access the four memories. The standard remote has two buttons "MEMA" and "MEMB" to directly access two of the memories. On the standard remote; to access memory C press "Menu, MEMA" and to access memory D press "Menu, MEMB".

Example
Here is a simple example of how to configure the input memories to link to different output configuration memories. This example uses a SD input which only has one resolution sub-memory. Configuring a HD input is the same except that a HD input has four resolution sub-memories which can be independently linked to different output configurations. In this example we will simply link memories A through D to output configurations 0 through 3 to demonstrate a simple setup.

Fig 1. SD Input memory linked to different Output Configurations
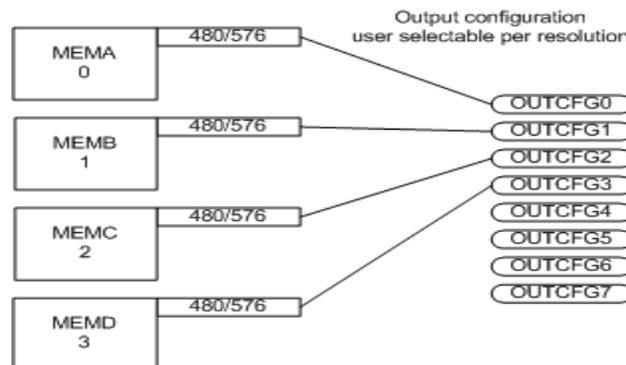
Enable multiple output

1. To enable the Independent Output Mode press "Menu, OUT, MODE, Ok". Use the left arrow button to choose "INDEP" then press "Ok". All memories are linked to output configuration 0.

Link memory A to output configuration 0

1. Choose memory A by pressing "MEMA".
2. Memory A is already linked to output configuration 0 so you don't need to change anything.
3. Change the input and/or output configuration.
4. Save by pressing "Menu, SAVE, Ok, Ok, Ok". (Optional to save each step)

Link memory B to output configuration 1

1. Choose memory B by pressing "MEMB".
2. Set memory B to link to output configuration 1 by pressing "Menu, IN, OUTSEL, Ok". Use the arrow keys to set the OUTCFG to "1" and press "Ok".
3. Change the input and/or output configuration.
4. Save by pressing "Menu, SAVE, Ok, Ok, Ok". (Optional to save each step)

Link memory C to output configuration 2

1. Choose memory C by pressing "MEMC".
2. Set memory C to link to output configuration 2 by pressing "Menu, IN, OUTSEL, Ok". Use the arrow keys to set the OUTCFG to "2" and press "Ok".
3. Change the input and/or output configuration.
4. Save by pressing "Menu, SAVE, Ok, Ok, Ok". (Optional to save each step)

Link memory D to output configuration 3

1. Choose memory D by pressing "MEMD".
2. Set memory D to link to output configuration 3 by pressing "Menu, IN, OUTSEL, Ok". Use the arrow keys to set the OUTCFG to "3" and press "Ok".
3. Change the input and/or output configuration.
4. Save by pressing "Menu, SAVE, Ok, Ok, Ok".