Grass Valley Pre-Built DPM Effects for GV Korona K-Frame V-series Systems

APPLICATION NOTE

The new GV Korona K-Frame V-series systems from Grass Valley, a Belden Brand, come with pre-built DPM effects. The effects library includes: multi-box presets, generic slides and zooms, page turns and page rolls, mirror presets and an assortment of other types of effects. These effects are intended as a quick way to enhance video productions. This document offers an overview of the use of those effects.

The effects package includes the following types of DPM effects:

Kurl Effects:
• Page Turns
• Page Rolls
• Page Curls
• Ripple presets

Multi-box presets:
• 2-box presets
• 3-box presets
• 4-box presets

Recursive Motion Blur and Trails:
• Motion Blur: Various levels
• Trails
• Defocus transitions

Splits & Mirrors:
• 2-way splits
• 4-way splits
• Various mirror presets

Slits and splinter effects:
• Horizontal Slits
• Vertical Slits

Generic Zooms and Slides
• Zoom from center with various border styles
• Slides of various angles on/off with multiple border styles

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The effects can be found on the system Menu C drive in the Samples folder. To load the Samples file, perform the following:

1. In the Switcher menu, select the **File Ops, Show Files, Remote Storage** tab (lower left) and double-click/touch **Menu C:** in the Navigation pane (upper left).

2. Open the **Samples** folder.

3. Double-click/touch **V Series**.

4. Select **DPM_Effects**.

5. In the Show Create & Load pane select **Choose Load, E-MEM**.

Note: The pane to the left of the **E-MEM** button will populate with numbers starting at 700. If the numbers do not appear, verify that the **Show** file in the left-hand pane is highlighted in blue. If it is not blue, select the **Show** file again.

6. Select the **Load** button in the Show Create & Load pane to load all of the pre-built effects.

7. Effects starting at E-MEM register 700 and ending at register 869 will load.

There are still images that can be loaded into the Image Store. If loaded, these images will be recalled with each effect.

Note: E-MEM preferences for Image Store should be set to the GV default (Misc 1 for IS 1a and IS2a) for the Sample E-MEMs to function properly. The images have a brief description of the type of effect that was recalled.

To load these images, perform the following:

1. In the Switcher menu, select **Image Store, Library**.
2. In the Navigation pane (left) select the **From Disk/Folders** tab.
3. Select the **Top Directory** button.
4. Double-click/touch the **Images** folder.
5. Double-click/touch **Sample Images**.
6. In the right-hand Navigation pane, select the **To Cache** tab.
7. In the Image Operations pane (center), select **Copy**.
8. Using the pop-up keypad, enter **8000-8010**.
9. Make sure the **Start ID** button is not selected (gray border, not green).
10. Select **Execute**; still Images 8000-8010 will load into the system.

Perform the following to view the pre-built effects:

1. On the Control Panel Program bus, press **M1 A** (M/E-1)
2. In the Master E-MEM area of the Control Panel, press the **Auto Recall** button; it high tallies when enabled.
3. In the Master E-MEM area, perform the following:
    a. Press **Page**,
    b. Press **7** on the keypad,
    c. Press **Bank, 0** (Zero),
    d. Press **0** again; the **Run** button in Master E-MEM area will high tally,
    e. Press **Run**; Effect 700 is recalled.

Note: Please refer to the K-Frame Kayenne/Karrera/GV Korona User Manual for information about E-MEM operations, including navigating between E-MEM register banks and pages and loading effects from one E-MEM register to another.

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