Luma Key for ScreenPlay and Sequel

Luma Key is a process that allows an editor to replace an animation's black or white matte with a video clip within an animation, thereby adding depth and creativity to the video.

For best results, use the keyable RAB-BYTE animations included on the Luma Key CD. You can also create your own keyable clips using other editing software such as Adobe After Effects™, as long as the software includes a black or white matte.

Luma Key for ScreenPlay includes 24 sample RAB-BYTE animation clips. Several of the keyable clip sequences have three parts: In, Middle, and Out. For more information on RAB-BYTE Animation Clips, please visit www.rab-byte.com.

Activating your Luma Key Purchase

1) Put the 2.5+ CD-ROM in your ScreenPlay and install A/B Roll from the **Extras** selection.

2) Choose **Activate Luma Key**. This will prompt you for your activation code.

3) When you purchase Luma Key (MSRP $120.00) from Applied Magic or an authorized dealer, you will be given an activation code. When purchasing Luma Key, make sure you have your System ID number and purchasing information ready.

4) After installing and activating, restart your system, the go to the transitions bin and find the Luma Key Icon at the bottom of the bin.

5) When your ScreenPlay is ready, insert an animation disc in the CD-ROM drawer. Next, install the animation of your choice by clicking on the icon and clicking on the Install button.

Getting Started with Luma Key

1) Select the *LumaIN* effect/transition in the Transitions Bin.

2) Select details and adjust the Luma Key duration to play as long as possible.

3) When you later drag the Luma Key onto the storyboard, it will automatically be adjusted to the length of the shortest clip.

4) Repeat this procedure with the *LumaOUT* effect/transition

Adding Luma Key to Your Video

1) Drag a clip from the Clips Bin to the storyboard.

2) Next, pick a keyable animation and drag it onto the storyboard behind the first clip. Remember to include all segments – *In, Middle* or *Mid, Out*

3) In the Transitions Bin, find the *LumaIN* transition and drag it between the first video clip and the first keyable animation. Make sure the arrow on the transition points to the keyable clip.

4) Next, preview your Luma Key effect by selecting the *LumaIN* transition and going into *Details.* When in *details,* you can scrub the video and determine if the *Threshold* or *Soft Edge Width* requires adjustment.

5) After you complete any adjustments, *Merge* your clips, animations and transitions.

Merging a Luma Key for Playback

Merging a Luma Key effect allows you to preview the results in Full Screen Mode. To Merge:

1) Select the *LumaIN* transition

2) Select *Merge*

If you have multiple Luma Key effects on one storyboard, you can save time by using the *Master* key to merge all of the effects at once. Once the merge is complete, ScreenPlay will play back your storyboard so you can review your "art work."

DETAILED STEPS

Black/White Adjusting with Key Threshold

The KEY THRESHOLD allows you to select luminance that is to be replaced with video.

1) Select the Luma Key effect on the storyboard.

2) Go to the DETAILS screen.

3) On the top left side of the DETAILS Screen is the THRESHOLD KEY slider.

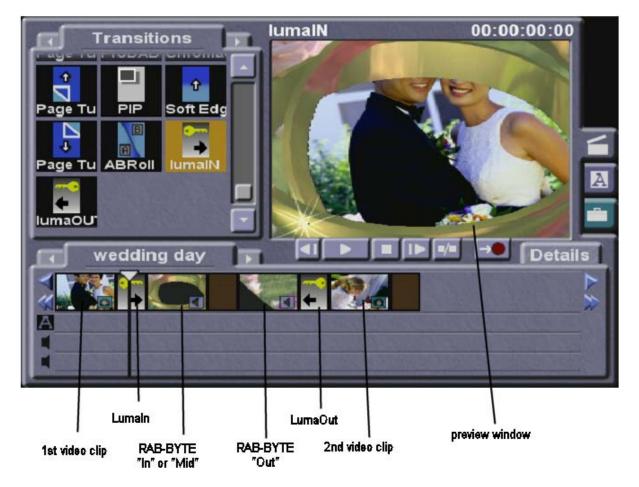4) Drag the KEY THRESHOLD slider left or right to match the black or white of the clip.

Tip: If using the RAB-BYTE animation effects, the default settings work very well. Experiment to get a feel for using the different levels.

Blending with Soft Edge Width

The SOFT EDGE WIDTH tool allows you to smooth and blend the edges of the keyed clips.

1) Select the Luma Key effect on the storyboard.

2) Go to the DETAILS Screen. Just beneath the THRESHOLD KEY slider is the SOFT EDGE WIDTH slider.

3) Drag the slider to the preferred width of your choice.

Luma Key Placement

For the latest in Applied Magic products, including ScreenPlay and Sequel systems, accessories, and related items, please visit Sensory Echo at **www.sensoryecho.com**