



Luma Key for ScreenPlay

WHAT IS LUMA KEY?

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 available from Applied Magic. 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.

RAB-Bytes 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, go to www.rab-byte.com.

ACTIVATING YOUR LUMA KEY PURCHASE

After purchasing Luma Key (MSRP \$120) you will need to enter an activation code from Applied Magic. When calling for your code have your System ID number and purchasing information ready. Do this by:

- Dragging the mouse/cursor onto the video Preview Window located at the top left of your monitor/TV screen (see page 3 for visual location). Once in place, right click using the mouse to go to the information screen.
- Select *About ScreenPlay* to get to your ScreenPlay ID information. Supply the Applied Magic associate with your system ID number.
- The Applied Magic associate will supply you with the activation code for Luma Key that you will then type into the activation code box. NOTE: the entry is case specific and must be entered in ALL CAPS. Once complete you can now install Luma Key.

INSTALLING LUMA KEY

1. Place the *version 2.5+ (or current version) ScreenPlay & Sequel* CD into the CD-ROM drive on the front of your ScreenPlay/Sequel.
2. Once the CD drawer closes, your ScreenPlay/Sequel will display a menu for installing *Software Updates & Extras*. Select/click on *Extras* and then select *Applied Magic Add-On's*.
3. Next select/click *Luma Key*. This is where you will install Luma Key and enter your activation code.
4. Once installed you can sample the functionality of Luma Key. To create a full frame Luma Key video you must purchase an activation code and enter it under *Activate Luma Key* Once activation is complete, cancel out of the page and select/click on *Finish*.
5. Lastly, select *Restart* to reboot your unit; which is necessary for loading Luma Key.

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

TO ADD A 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



LumaIN

RayByte
"In" or "Mid"

Luma "Out"

Preview Window

1st Video Clip

2nd Video Clip

**Having trouble incorporating Luma Key into your video?
Call Applied Magic Sales at 760-931-6417.**

APPLIED
magic[™]
LEFT BRAIN. RIGHT TOOLS.

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