

## Skin Defocus for 2K Plus with Defocus

With higher resolution formats, skin often retains more detail than necessary and can look unpleasant. A simple but effective cosmetic fix is to soften the skin tone. Since DEFOCUS does not have HSL isolation of its own, this technique describes isolating the skin with a KILOVECTOR, sending the matte to DEFOCUS via the key bus and then applying image softness.



SKIN DEFOCUS	
1.	Press <b>[Sec]</b> on the joyball panel.
2.	Create a <b>Kilovector</b> for the skin. Do not adjust the skin color.
3.	Press <b>[More]</b> on the keyboard panel soft menu to get to menu 3
4.	Press <b>[x]</b> <b>[soft knob (Key 1 Vector)]</b> on keyboard panel soft menu 3. <b>x</b> represents the number of the kilovector.
5.	Press <b>[Defocus]</b> on the joyball panel.
6.	Press <b>[More]</b> on the keyboard panel soft menu to get to menu 3.
7.	Press <b>[soft knob (K1)]</b> on keyboard panel soft menu 3* The <b>D2</b> key bus becomes red in <i>Defocus Controls display: Video</i> page. <b>SV:K1</b> is selected as the <b>D2</b> source (red) in <i>2K Key Controls: Bus Control</i>
8.	Press <b>[Hilight)]</b> to see the key**.
9.	Adjust matte defocus on the joyball panel left soft menu. Setting <b>[soft knob (Focus)]</b> and <b>[soft knob (Effect)]</b> to maximum usually works well.
10.	Press <b>[Hilight)]</b> to exit the key and see the image.
11.	Place the cursor on the skin***
12.	Adjust image defocus on the joyball panel right soft menu**** Setting <b>[soft knob (Focus)]</b> somewhere between 60% - 80% and <b>[soft knob (Effect)]</b> to 50% is a good start.
13.	Use <b>Master Lift</b> and <b>Master Gain</b> to adjust the skin tone and <b>Lift Joyball</b> and <b>Gain Joyball</b> to adjust skin color. This benefits from the defocused matte, while the Kilovector controls do not.
14.	With DEFOCUS PLUS systems the effect can be enhanced by using the outside defocus controls to sharpen the image.

<b>Troubleshooting and Notes.</b>
* Sometimes this macro gets confused. The state described in step 7 can be created manually if necessary.
** This displays the key on the main monitor. Experienced colorists can skip this stage and apply color enhancement to see the effect of the key.
*** Use <b>[Force Cursor]</b> if the controls still do not switch to affect the skin.
**** Full Gaussian blur just makes the skin look out of focus. Use lower settings with <b>[soft knob (Focus)]</b> to get a more aesthetic effect.