



Adobe Photoshop CS® and PhotoKit 1.2

Photoshop CS now supports layers in 16-bit/channel mode, and hence allows PhotoKit 1.2 to operate on high-bit images. While PhotoKit 1.1.x will operate when properly installed in Photoshop CS, it cannot run on 16 bit/channel RGB images. Pixel Genius has offered all current PhotoKit users this FREE update to PhotoKit 1.2 which will run not only on 8 bit/channel RGB but will also run on 16 bit/channel RGB images when installed in Photoshop CS.

PhotoKit 1.2 will also run as it previously has in Photoshop 6 & 7 on both Mac and Windows.

At the time of this writing, the Pixel Genius Team is still debating how long users should consider keeping their images in 16 bit/channel mode. While we all agree that all initial tone and color corrections be accomplished in 16 bit, at some point the increased file sizes with layered 16 bit images may prove to be "painful".

Bruce Fraser says this: "The file size limit in Photoshop CS is 4 gigabytes, but files that size tax current hardware (and often, the user of said hardware) to its limits. We all have different pain points, so we recommend staying in high bitmode until it starts to hurt."

In testing, all of PhotoKit's Sets and Effects produced better results in 16 bit than in 8 bits, so we encourage PhotoKit users to test their own pain threshold. If you can stand it, please consider keeping your 16 bit images in high bit depth as long as you can.

PhotoKit 1.2 and High-bit Scans and captures

Our recommended workflow for high-bit images is:

Open or Acquire the high-bit image in PhotoshopCS.

Before carrying out any other operations, apply the appropriate initial sharpening such as PhotoKit SHARPENER.

Apply at least your major tone and color corrections in any tone or color based PhotoKit Effects you may need to improve your image 16-bit/channel mode prior to downsampling to 8bits per channel.

If you decide to downsample to 8 bits/channel at this stage, you may flatten your image in 16 bit and then Mode Change to 8 bits/channel.

The remainder of your image edit process can continue in 8 bit including additional PhotoKit Effects as well as either Creative Sharpening and Output Sharpening from PhotoKit SHARPENER.