

KPT Convolver™ Fast Facts

1-800-472-9025

metasales@aol.com

<http://www.metatools.com>

Within every image lies untold, unseen secrets... Bring them to life with KPT Convolver, and experience the most imaginative way available to navigate an unlimited range of creative possibilities! KPT Convolver adds entirely new dimensions to kernel-based image processing, such as directional sharpening and depth relief in realtime. Kai's fantastic interface design for KPT Convolver provides a breakthrough in how you will work with many controls (such as Hue, Saturation, Contrast, Brightness, and Embossing) which typically have been scattered throughout numerous dialog boxes within most image editing applications. Now, you can access all these controls and more within a single, powerful extension of Photoshop or Painter, and creatively combine these effects in realtime. KPT Convolver offers you the nuts-and-bolts, day-to-day tools for bringing out optimum results for any given image. Convolver is an integral part of the production chain for scanned images, electronic photography, PhotoCD's, or creative compositing. KPT Convolver's user interface has been designed especially to enhance the process of exploring what is internally a very complex mathematical space. Instead of painfully typing random numbers into a dialog box manually, you can generate hundreds of effect variations in a single minute!

System Requirements:

Macintosh: Macintosh II with math coprocessor; 3MB (sharing host program's memory allocation); 8-bit video (256 colors); MacOS 7.1; image-editing application that supports Adobe Photoshop plug-ins. Recommended: Power Macintosh; 24-bit color; 16MB RAM.

Windows: 386; 3MB RAM (sharing host program's memory allocation); 8-bit video (256 colors); Windows 3.1; image-editing application that supports Adobe Photoshop plug-ins. Recommended: Pentium; 24-bit video; 16MB RAM.

Pricing Macintosh/PowerMacintosh, Windows/Windows NT
Suggested Retail Price \$199.00 Special/Cross-sell Price \$99.00
Warranty: 90 days, part replacement



An amazing filter-generating engine, KPT Convolver gives you instant access to blurs, sharpeners, embosses, tinting, color, contrast, unsharp masking and Gaussian blurring all from one innovative, 24-bit graphic interface. Mix and match effects at breakneck speeds and bring out the beauty in any image. Ideal for Photoshop and Painter users, it's a production workhorse plug-in. Plus, KPT Convolver includes one of our favorite paint and image editing applications (Picture Publisher LE for Windows users, Color-It! 3.0 LE for Mac users), giving you a complete, standalone solution. Up to a \$199 value – FREE!

Real-time Previewing Saves Hours of Guesswork!

Click and drag Find Edges, Relief Amount or Emboss and watch the beauty of an image unfold before your eyes. Jump from one filter to the next. Find something you like? Save it with Convolver's clever memory dots. Instantly see your image transform while you work.



Over 200 Levels of Undo Deliver Unheard of Flexibility! Bring out the detail of a girl's straw hat with Find Edges and remove some yellow from her cheeks with Convolver's 360 degree tint wheel. Magically dive deeper into an effect, then if you choose, slowly back into your original image. Experiment! Take your images to the edge!



“We put in the Kitchen Think...”
Artist: Kai Krause

“Users get nuts and bolts, day-to-day usable tools to bring out optimum settings for any image. Controls which are traditionally scattered over a series of dialogs in virtually all other existing image editing programs can now be accessed from one single interface. What once was impossible to achieve is effortless with KPT Convolver.” — Kai

KPT CONVOLVER



Unleash the Hidden Beauty in Any Image! For the first time, Kai's incredible graphic interface gives you instant

access to Blur/Sharpen, Edge Detection, Edge Angle, Relief Amount, Relief Angle, Hue Rotation, Saturation, Brightness and Contrast in one easy-to-access palette! Explore millions of possible combinations of effects at breathtaking speeds to reveal something unexpected, beautiful and inspiring.



“...Convolver allows you to create custom embossing effects while at the same time delicately tinting or saturating colour on an image. Because the controls are placed in a single, real-time interface with virtually unlimited undo's, you can explore a huge number of variations within a single image in a single session. No imaging program has ever done this before...”

Nick Clarke
MacUser Magazine UK,
Feb. 17, 1995

“The Terminal Landscape”
Artist: Bill Ellsworth



“KPT Convolver furthers Kai's dream of putting the essential matrix of creation at our fingertips! Don't think of Convolver as just a tool to modify your images; think of it as a doorway to images your rational mind would never stumble onto in a hundred years.”

Bill Ellsworth • Comus, Maryland

★★★★½
Publish
JUNE 1995

MacUser UNITED KINGDOM
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“Convolver is one of those gotta-have add-ons that will make your life easier, make you more creative, and save you lots of time.”

William Harrel  
*Publish Magazine*, June 1995

## **Quotes on KPT Convolver**

### **Victor von Salza Digital Photographic Arts**

#### **Mountain View, Calif.**

“Convolver lets me visit and play in the convolution (sharpen, blur, emboss, edges) and color (hue, saturation, brightness, hue, tint, contrast) space possibilities of an image quickly, trying out many transformations inside one tool, that is extremely fun to use. Because all the functionality is in one fun-to-use place, it gives me the spontaneity to try out many more combinations of these attributes than I ever would or could by tweaking the many individual partially corresponding tools in Photoshop.”

### **Brian Christman ARCHAOS**

#### **Palo Alto, Calif.**

“KPT Convolver is an indispensable tool because it houses so many functions under one roof. The 200 layers of undo and the nine dot files to store different versions, allows me to wander in many different directions. I use KPT Convolver mainly as a creative tool, but I also do color correction and detail enhancement. I have even been able to achieve 3D effects with the emboss feature that would have taken considerably more time using other methods. Anyone working with photo retouching or photo reproduction will need this tool. The interface is free and easy to work with, but it is also very functional.”

### **Harry Saint fine artist and professor at the Corcoran School of Art**

#### **Washington D.C.**

“It's awesome! I use it everyday. The unsharp masking feature is just incredible. I can achieve a certain crispness or crunch to my image by getting the tint, sharpness, color and edges just the way I want them. I create fine art on my computer. When my images are just about complete I take them into KPT Convolver and get that extra twist to get them just right! Besides being so useful, it's just plain fun! There's so much to it. To professionals the Tweak mode alone would warrant the price. I can clean up black and white photos faster than ever.”

## **KPT Convolver Features & Benefits**

**Powerful, Intuitive Tools** KPT Convolver's easy-to-use tools provide instant access to powerful capabilities that were previously unpredictable or difficult to control. With three operational modes available for different approaches to custom effect design, KPT Convolver allows you to select as much control or as much creative power as a job demands.

**Creative and Corrective Capabilities** Do some visual brainstorming with Convolver. With easy-to-control parameters and real-time visual feedback, it is simple to explore new ideas and design unique effects. When specific controls are needed, it is easy to make subtle adjustments or fine tune any image.

**Control Over All Kernel-based Filter** Enjoy complete control over functions such as Functions blur, sharpen, emboss, tint, and color contrast. KPT Convolver provides the only real-time Gaussian blur and unsharp masking available and makes these powerful production secrets available to anyone.

**Real-time Exploration & Preview of Effects** Explore an infinite range of effects in real time and save hours of guesswork. Enjoy greater creative freedom as well as increased predictability and productivity. KPT Convolver allows you to make decisions quickly, easily and visually. There is no imaging tool available that is more intuitive or easier to control.

**User Customized Filters** Rather than making you search through multiple dialog boxes, Convolver offers "one-stop shopping" for perfect combinations of effects. In addition, customized filters allow you to apply that perfect combination in a single, efficient, error-free step. Convolver will allow you to generate an unlimited number of custom filter settings to set your work apart!

## Answers to Common Questions

**What is KPT Convolver?** KPT Convolver is an amazing new plug-in extension that provides users with incredibly fast and useful ways to explore and design effects derived from the Custom Convolution Kernel. Users respect KPT Convolver's simplicity and immediately recognize its value as both a corrective and a creative tool. A quick glance at a custom kernel reveals a potential nightmare of mathematical combinations. KPT Convolver arranges these incredibly complex choices in an intuitive interface that makes it simple to design custom effects in real-time, visually rather than mathematically.

**What tools are available in KPT Convolver?** KPT Convolver users have control over parameters such as blur, sharpen, emboss, tint, color contrast, Gaussian blur and unsharp masking—the chisels and hammers of a digital designer's toolbox. KPT Convolver allows you to visually define thousands of custom effects without having to deal with an infinite number of combinations.

**How is Convolver different from Kai's Power Tools?** Although both Kai's Power Tools and KPTConvolver are extensions to Photoshop and other image-editing applications, each provides different tools to generate different effects. Kai's Power Tools is typically used to generate gradients and textures that are otherwise impossible to create. KPT Convolver lets you make modifications to an existing image and accelerates production tasks. Put simply, KPT creates and adds to your image; Convolver modifies and works on existing image information.

“Self Portrait” • Artist: Pieter Lessing

“KPT Convolver is one of those rare tools that is equally adept at performing serious production work or having serious creative fun... an indispensable tool for everyone working with scanned or Photo CD images!”

Pieter Lessing, Photographer/Digital Artist • Los Angeles, Calif.





**Why do I need Convolver?** KPT Convolver overcomes the complexity of the Custom Convolution Kernel and makes it a powerful and predictable tool for digital artists. Enjoy immediate time savings and enhance your creative abilities with virtually no learning curve. KPT Convolver takes the almost unlimited number of options available inside the convolution kernel and puts them in a usable interface. But KPT Convolver is much more than a simpler, faster way to do basic work. It also leads users to creative solutions by revealing millions of different variations that can be derived from a single original image. KPT Convolver is every bit as useful as a creative, exploratory tool as it is for efficient production work.

**Can KPT Convolver process multiple filter effects simultaneously?** Yes. In fact, one of the greatest advantages of using Convolver is the fact that you can define complex filters quickly, preview their effects easily and process changes in a single step to maximize both quality and performance. Working with KPT Convolver, you can define a custom filter that combines effects with several parameters. In addition, you may customize an effect as you move through KPT Convolver's Explore, Design and Tweak modes. Regardless of the number of steps you take to define an effect, it is applied in a single, efficient process.

**Why is there a 'star system' in Convolver?** The star system is both an incentive and an aid to learning KPT Convolver's magic. Advanced tools such as split screen preview, color tint wheel, and memory dots are brought to life as needed. The goal of the star system is to provide new features in a manner that leads to a better understanding of their benefits.

# Top Ten Reasons to buy KPT Convolver

- 1 Real time.** Enjoy instant access to blurs, sharpens, embossing, edge detection, color contrast, unsharp masking and Gaussian blurring. KPT Convolver provides the only real-time unsharp masking and Gaussian blur available!
- 2. Easy to Use.** KPT Convolver is an extremely intuitive production and creative tool. Users will appreciate immediate time savings with virtually no learning curve.
- 3. Affordable.** KPT Convolver can be used to generate virtually unlimited numbers of custom effects that can both speed image production and enhance creativity. Other products that generate only unsharp masking effects can sell for as much as \$899.
- 4. Simultaneous control over multiple effects.** Don't be limited to working with only one effect at a time. Control all the convolution kernel functions listed above in a single efficient process.
- 5. Greatest creative potential.** KPT Convolver's three operational modes parallel your creative process, allowing fast and simple exploration of unlimited numbers of possibilities. Unlock the secrets of the custom convolution kernel and discover hidden potential in any image.
- 6. Cutting-edge tool.** Why not use the most innovative tools available? Use leading-edge imaging technology and retain your competitive advantage. KPT Convolver is truly the most advanced way to harness the power of the custom convolution kernel.
- 7. Visual Feedback.** KPT Convolver was designed to be your visual development lab for new filter effects. Define custom effects visually rather than mathematically for the greatest efficiency and creative freedom. "Bracketing" and split screen previews allow quick, visual decision-making.



**8. Time Savings.** Use KPT Convolver to get exactly the custom effect you want, the easiest, fastest way possible. Real-time preview and memory dots will help you work more efficiently than you ever imagined.

**9. Highest Quality.** Limit processing to a single step to reduce error, histogram degradation and artifacting.

**10. Simple Integration.** Harness the power of custom convolution kernel in any application that supports Adobe Photoshop plug-ins.