

NEWS IN BRIEF

Laser projection technology has arrived

Eastman Kodak Company has developed revolutionary laser projection technology that delivers both 2-D and bright 3-D images, meeting today's stringent technical standards for digital motion picture presentation. KODAK Brilliant Laser Technology combines the strengths of lasers with digital projection to deliver more than just a new light source to the cinema industry. It leverages the best attributes of lasers to deliver high dynamic range, wide color gamut, high-optical efficiency, low-energy usage and substantially brighter

3D than systems common to the digital cinema industry, while at the same time resolving laser's toughest problem — laser speckle.

The company has been demonstrating a prototype projector incorporating the KODAK Brilliant Laser Technology to key industry leaders.

"The technology is ready now, and we've addressed many of the engineering challenges for commercialization including the size/footprint of the prototype projector (equivalent to current

projectors), engineering a potentially cost-effective design, completing a safety analysis and FDA filing, and offering scalable optical power capabilities. We see it as a potential game-changer for digital projection," says Les Moore, Kodak's COO of the Digital Cinema business unit. "Our goal is to license the technology to projector manufacturers, so that this advanced technology can be implemented in the marketplace within two years or less."

Moore also notes that KODAK Brilliant Laser Technology is

a key ingredient to potential improvements in digital cinema picture quality for future movie-goers. "This technology offers the potential for a reduction in total cost of ownership through a cost-conscious design, combined with the efficiencies gained through using laser illumination systems (versus Xenon), including lower energy consumption and the anticipated long lifetime of lasers."

For more information, visit <http://www.kodak.com/go/laserprojection>.

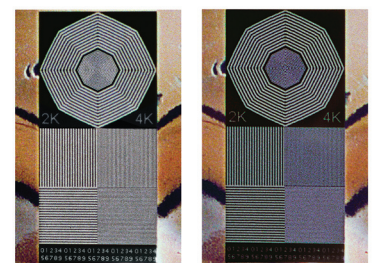
A winning combination; Aaton's 4K Recorder with KODAK VISION3 film

It's just not the resolution of the source file sent to a film recorder that determines the quality of the recorded film. It's also about the capability of the film recorder's imaging system to transfer the available image data back on film and of course the optimized and perfectly corresponding raw stock: the new KODAK Color Digital Intermediate Film 2254/5254.

In this respect the AATON K's imaging system is capable of achieving up to twice the resolution on this film at 4K compared to other 4K-capable film recorders. At 4K the Aaton K achieves an outstanding MTF figure of 45% at 83 lp/mm, and at 2K the AatonK achieves an MTF figure of 72% MTF at 40lp/mm. At both resolutions the superiority of the AatonK 'nano-step-LCD' over other recording technologies so sentence reads over other recording technologies, even helped by edge enhancement, is highly visible.

KODAK's improvements in MTF, color sensitivity and color reproduction are incorporated into KODAK newest Color Digital Intermediate Film and delivers sharp, crispy and well balanced images when a DI is been recorded back on film.

AatonK tech vs Laser tech



True 4k resolution on the internegative, highly visible on the release print. No color fringing.

Take a magnifier or microscope, compare the real images on the strips printed on Kodak 2383 from Kodak 2242 internegatives. Witness the AatonK perfection.

Aaton.com April 2009