

Neuron Bundle 11: Film Fix



Automated Film Restoration

Film Fix makes the latest research in film and video restoration accessible to documentary filmmakers and post-production studios. With Film Fix, Quantel users can eliminate flicker, remove dust and dirt particles, and stabilize footage originated on film and video-resolution material transferred from film. The processing, based on motion detection information, is practically automatic and provides high-quality output. Easily make changes to detection thresholds and other variables when needed for best results on your specific footage.

Highlights

Advanced technology



FAME (Fast Accurate Motion Estimation) processes pixel-accurate image data at different scales, similar to the way the human eye views the world. The intelligent algorithms are used to drive the automated dirt identification process, making it possible for the computer to distinguish between moving objects and stationary specks of dirt.

Sophisticated Flicker Removal

The Flicker removal tool offers one of the industry's most sophisticated analysis systems for identifying the two major types of brightness changes: flicker across multiple frames and flicker within a single frame. Film Fix analyzes multiple areas of a frame over time to distinguish between normal scene brightness and flicker artifacts.



Stabilization



Damage to the film sprockets on old footage can cause gate jitter and weave, which results in distracting motion. The Stabilizer feature uses a software-based 2D translation to repair this type of footage in near real-time.

Includes extensive user guide with recommended restoration sequences, background information, and a reference section.

Testimonials: <http://www.redgiantsoftware.com/products/categories/enhancement/film-fix/more-info/9/>

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About VDS

VDS provides automation and content design tools for the broadcast, cable television, internet, and post production markets. VDS products automate broadcast television systems, with an emphasis on graphics-related operations, content and digital asset distribution, graphics and promo automation, and internet-to-broadcast systems. These products are used in sports, news and financial broadcast channels as well as in multichannel broadcast and cable facilities. VDS content creation products are tools that deliver graphic design, universal file translation and integration capabilities for the post product and broadcast markets.