



DIGITAL INGENUITY

SCRATCH Lab™ on Location

Features

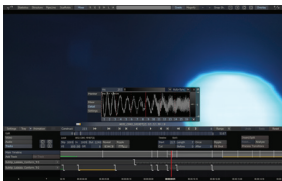


Real-time full resolution, native playback of all popular camera formats

- REDCODE RAW.r3d (including HDRx)
- ARRI RAW (real-time debayering coming soon)
- Phantom
- Panasonic P2/MXF and AVCHD
- SI-2K
- Canon 5D
- Support for the latest RED color science, dual RED Rocket acceleration cards, and RED's new EPIC camera
- Full resolution debayering of .r3d files (ARRI RAW to be real-time soon)
- REDCINE-X and on-camera color settings can be read and manipulated within SCRATCH and augmented using SCRATCH's powerful color tools

World-class color grading

- Real-time, non-destructive primary grading
- Heads-up color grading interface and support for Avid Artist Color or Tangent Wave panels
- Source-side adjustments for mixed color space workflows
- Match and auto grading
- Integrated Histogram, Waveform, Vectorscope and Color Curve views
- Group shots, copy/paste color grades and reference libraries
- Key frames and animation curves
- Import and save 1D and 3D LUTs based on primary color grades
- Import or export CDL



Audio sync

- BWAV support
- Sync on timecode
- Auto-sync to Clapper
- Interactive Waveform for sync
- Interactive Audio Scrub

Flexibility and extensibility

- Automate SCRATCH Lab via XML to maximize productivity
- Extend SCRATCH Lab via HTML for remote review, comments and camera reports
- Integrate SCRATCH Lab with other applications in your workflow via XML
- Enhance SCRATCH Lab via our OFX plug-in architecture
- Built-in SQL database supports a full range of metadata
- Automate deliverables by designing templates based on output format, metadata and LUTs/grades



High-speed conform and confidence checking

- Mix-and-match RED.r3d files with ARRI RAW or Phantom (or any other media format recognized by SCRATCH), even Canon DSLR, within the same resolution-independent timeline
- Dual-View, Half-Mix and Side-by-Side comparison options
- Quick Keys for moving through a timeline
- AAF import and MXF integration
- DNxHD and ProRes Read and Write (ProRes write only on Mac OS)
- Export TIFF with timecode and metadata
- Import and export ALE
- Shot log metadata import
- Metadata search
- Stereoscopic versioning
- CDL support
- Output to multiple file formats such as DPX, DNxHD, ProRes (Mac OS version only) Tiff, JPG, Quicktime, MXF and more
- Quick visual sync of audio to waveform or by timecode
- Multilayer timeline



Deliverables

- Avid DNxHD as MXF or QuickTime
- QuickTime (MPEG4, TIFF, JPEG, etc)
- ProRes 422 and 444 (Mac version only)
- DPX
- Real-time tools for frame-rate conversion, image-resolution scaling and frame-accuracy to monitors, projectors and tape decks using both DVI and SDI interfaces
- Create deliverables in different resolutions, image formats and framing, all from a single source and output multiple targets simultaneously
- Queue and manage outputs for unattended batch processing
- Export metadata in a variety of formats, even add notes to shots and include them in XML or MXF files

Stereo workflow

- Real-time, resolution independent playback to all stereoscopic delivery systems
 - » Side by side
 - » Over/under
 - » Line interleave
 - » Checkerboard
 - » Anaglyph
- Check and adjust stereo with dedicated link and convergence controls
- Immediately review decisions in stereo
- Panasonic stereo camera support includes auto de-muxing of stereo streams

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