

# Baselight Software datasheet



Smooth, effortless grading with Baselight

## Flexibility, power and throughput

**Colour grading is a demanding creative and technical process for any production – from commercials and long form television to feature film 4K DI. Grading creativity requires flexibility, power and throughput.**

We have gone to great lengths to make Baselight productive for multiple workflows. Baselight is at home with all input and output resolutions and formats, and with linear, video and log image sequences; timelines can even include shots of different formats. The systems offer real-time connectivity for SD, HD, and via tape and 2K to and from SANs.

## Power and capacity

Baselight is available on a range of hardware platforms to deliver the power required for intensive grading. The unique Baselight multi-node architecture can deliver up to real-time 4K performance and a massive 48TB of disk. The power enables the system to ingest in the background, resulting in higher earning power for the suite. The disk capacity means multiple projects of different formats can be on-line simultaneously.

## Non-linear grading

Non-linear grading brings new creative opportunities to the grading process. Shots can easily be grouped, graded and compared, external VFX systems can drop in new sequences to be graded in-context, and revised EDLs can be used to generate new conformed sequences. Interim deliverables can be created on demand and clients can use the grading suite as an ongoing review and acceptance resource.

## Blackboard console

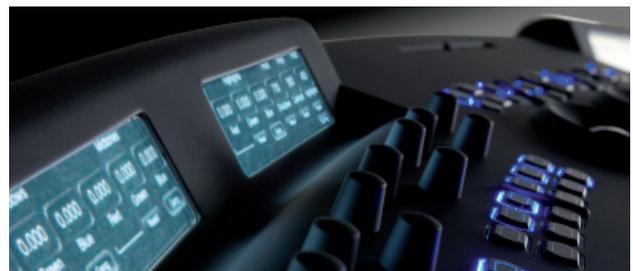
Blackboard provides a powerful, intuitive control surface specifically designed for non-linear grading. Logical clip navigation, keyframing tools, management of infinite stack depth, access to creative tools and eye-line displays deliver productivity and stress-free use in long grading sessions.

## Creative options

Software systems have the inbuilt advantage of regular feature development and a wide range of tools unconstrained by hardware design. As business needs change, the system can be upgraded and extended. Baselight is a full-featured grading suite, productive in normal operation, while also having the tools for problem footage and high production value shots.

## Start grading sooner

Baselight is straightforward to use. The UI and Blackboard console are logically laid out so you become productive quickly. **FilmLight** also provides on-site and classroom training options, together with product support via web, email and phone.



Blackboard, Baselight's intuitive and powerful control surface

## Features

### Conform

- Import from CMX3600 and FilmLight EDLs, or manually add sequences to a scene
- Automatic re-conform from revised EDL maintains grade events and their keyframes, while highlighting changes to the edit
- Scene detect on long-form content

### Grading

- Grouped grading allows selection and simultaneous grading of multiple shots on the Timeline and/or in the Cutview
- Film style grading tool, calibrated in printer points with full control over toe, shoulder and gamma
- Curve grade with keyframeable spline-based editing of image parameters in RGB and HSL
- Telecine style grading controls
- Video grade including customisable layout and RGB interpolation for keyframing
- Technical grade that allows mapping of full range printing density data into video for telecine-style grading
- Unlimited primary and secondary grades
- Secondary grading through combined chroma/luma keys, multiple soft-edged shapes and imported mattes
- Advanced free-form matte shape features
- 1 and 2-point auto-tracking of shapes/edges
- All controls fully keyframeable
- Persistent, unlimited undo/redo system
- Third party filters via OFX support
- Timeline compositing

### Timeline and editing

- Per-user reference gallery containing image sequences and complete grading stacks
- Cutview showing all shots in a scene and enabling rapid navigation, preview and 'drag & drop' grading
- Extensive timeline editing functions including group, copy, move, trim and delete
- Automatic, contextual selection of timeline elements
- Multiple display mode provides synchronised comparison of up to 9 clips on a single monitor
- Flexible automatic caching gives full playback performance of even the most complex grades
- 'Cascadeable' dynamic pan and scan for reframing and reformatting of output
- Timeline sorting by tape name, timecode and/or filename
- Shots view provides a CMX3600 EDL-style view of the sequence strips contributing to a scene



The Baselight User Interface

### Format and workflow

- Support for formats with non-square pixel aspect ratios – e.g. CinemaScope
- Formats can be freely mixed within a scene or project
- Format-dependent masks and safe areas
- Standard and user defined transforms for format conversion – e.g. Super35 to CinemaScope
- Multiple output formats and deliverables can be created from a single timeline
- HD SDI background ingest and playout
- HD monitoring on reference display
- Film to HD transforms via built-in Truelight
- Video ingest and playout via VTRE utility
- Audio ingest, record and playback
- Links with Northlight scans for an integrated DI pipeline with use of IR data for repair work
- External scripting for specific user tasks

### Rendering

- Fully threaded independent renderer, taking full advantage of multi-processor capability
- Render tasks may be offloaded to a central server
- Multi-node rendering on Baselight FOUR/EIGHT
- Render farm support (e.g. Alfred, Rush)
- Automatic field rendering

### Media management

- Flux provides powerful tools to copy, move, update or delete sequences or parts of sequences

### Video

- Integrated video handling from Timeline, including deck control
- Background ingest and playout of SD or HD video from Baselight or standalone VTRE; VTRE can be run on a separate machine to the main application

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**FilmLight**