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Digital Praxis ViewLUT Builder used on *Highlander: The Source*

Digital Praxis, industry leading digital film consultancy, continues to provide high-end support for the growing arenas of Digital Cinematography and Digital Intermediate with its involvement in the Digital Cinematography performed on *Highlander: The Source*.

Highlander: The Source completed principle photography in Lithuania December the 8th, having shot for 8 weeks with 4 Viper Digital Cinematography cameras supplied and supported by MotionFX, UK, in partnership with Digital Praxis.

The Viper cameras were used in native *FilmStream* mode; a format that captures a low-contrast, high dynamic range image, providing a final quality that is not dissimilar to 35mm film capture.

“The problem is with viewing such images on-set” said Steve Shaw, CEO of Digital Praxis, “as well as within the offline editorial and dailies operations as it can be difficult for the production crew to make creative and quality assessments of the pictures being captured as the image is ‘raw’ and un-graded.”

The raw Viper FilmStream images are also colour biased, depending on the colour temperature of the illuminating source, producing an image that tends to show a ‘green’ cast. This further reduces the ability to assess image quality from the raw image data.

“Digital Praxis therefore developed a ViewLUT Builder specifically to enable real-time ‘graded’ viewing of Viper FilmStream images on-set, and for dailies deliverables and offline editorial ingest.” Shaw continued.

The ViewLUTs were loaded into the S.two Digital Film Recorders used to capture the raw FilmStream images, enabling a real-time loop-through to on-set HD monitors showing the ViewLUT ‘graded’ images for immediate Director and DoP assessment.

The same ViewLUTs were later used to ingest the image in compressed form into the off-line editorial system, from which dailies rushes and an assemble edit for production review were generated.

In this way, the full quality 'raw' images were captured for final post-production and Digital Intermediate grading, while the production team were able to see 'graded' images on-set and within the editorial and dailies operation.

ViewLUTs

The following images show the raw Viper FilmStream image, with its characteristic green cast and low-contrast, high dynamic range, compared to the same image when seen through a Digital Praxis generated ViewLUT.

Raw Viper Image



Digital Praxis ViewLUT Image



Print quality version of these images can be provided by Digital Praxis.

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About Digital Praxis

Digital Praxis is a consultancy operation specialising in supporting companies working with the digital film arena, including technical, operational and creative support.

Clients include manufacturers, production companies and post-production facilities.

Digital Praxis has set up and managed Digital Intermediate operations across the globe, from Europe to America, Asia to Africa; worked on numerous Digital Cinematography productions, as well as Digital Intermediate post-production projects.

Additional information can be found at www.digitalpraxis.net.