Feature Spotlight

3D LUT IMPORT

Colour Management For Professional Users.

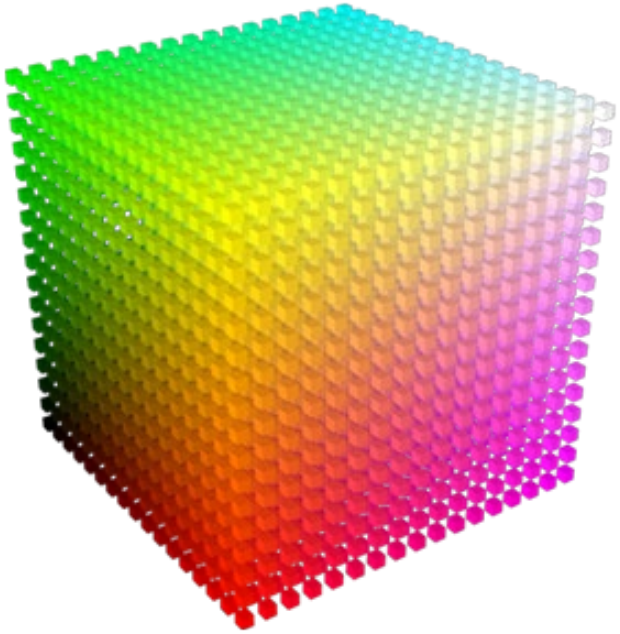
Personalise the colour control of your LED screen with an imported 3D LUT.

3D LUT

3D LUTs (Look Up Tables) are an efficient way of remapping colours and allow for advanced colour correction. They are commonly used in film production, for everything from on-set camera tuning to colour grading in post.

Now you can import a 3D LUT directly into your Tessera LED processor, so that you can better integrate your LED screen into your colour management workflow.

Importing a 3D LUT is available exclusively to the Tessera SX40 and Tessera S8 LED processors, using Tessera firmware version 3.2 onwards.



- ✓ Help with camera calibration.
- ✓ Improve integration with existing colour management workflows.
- ✓ Zero additional latency or cost.
- ✓ Grade and create artistic 'looks' live on set.

For When You Really Care About Colour

Reproducing colour on LED screens is a complex science. Brompton's revolutionary Dynamic Calibration technology is essential for achieving colour accuracy, and our existing ChromaTune feature gives the user flexible, integrated colour correction.

3D LUT import builds on this to give power users, especially those working in virtual production, direct access to the system's colour processing capabilities.

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Using Your 3D LUT

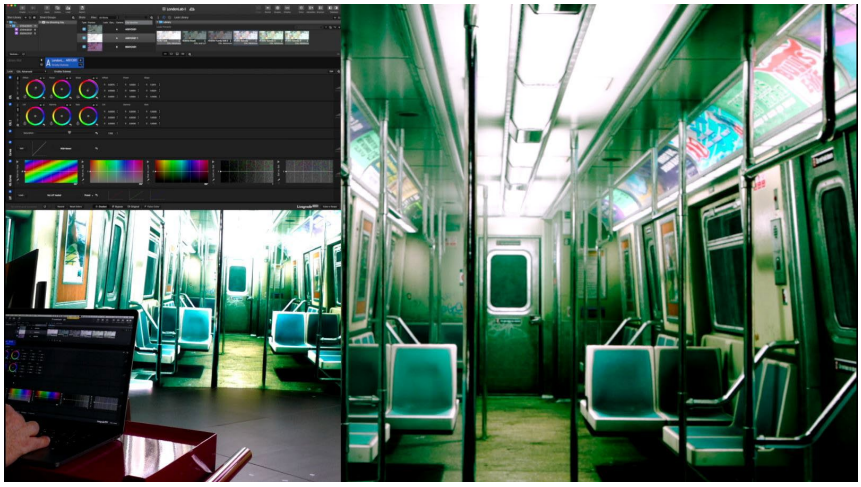
Tessera software can import and use any valid Adobe .cube file, using 12-bit precision and tetrahedral interpolation.

Your imported 3D LUT can be used in conjunction with ChromaTune's Colour Replace, 14-Way Colour Corrector and Curves features and is applied after you've made any previous colour corrections.

The strength with which the 3D LUT is applied can be controlled with the Strength slider. Toggling the enable/disable control allows before and after comparisons to be made quickly and easily. 3D LUT data is stored within the project file.

Pomfort Livegrade Integration

Pomfort Livegrade Studio is a leading app for live grading and integration of digital imaging processes on-set. Pomfort has now extended it to support sending generated 3D LUTs directly to our SX40 and S8 processors via a network connection in near real-time – allowing Livegrade users to take of advantage of its live grading features when working with LED screens using Brompton processing.



Assimilate Integration

Assimilate Live Looks provides an easy to setup environment for on-set monitoring and live grading. Live Assist continues where Live Looks stops by adding extensive video assist functionality. Both applications can send 3D LUTs into SX40 and S8 via a network connection in near real-time.

Brompton Technology is the market leader in LED video processing for the most demanding applications across live events, virtual production, broadcast/XR, simulation/VR, fine-pitch installations and esports. The company has won multiple awards and become a globally respected brand, known for the quality and reliability of its products and exceptional technical support. For more information, visit www.bromptontech.com.

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