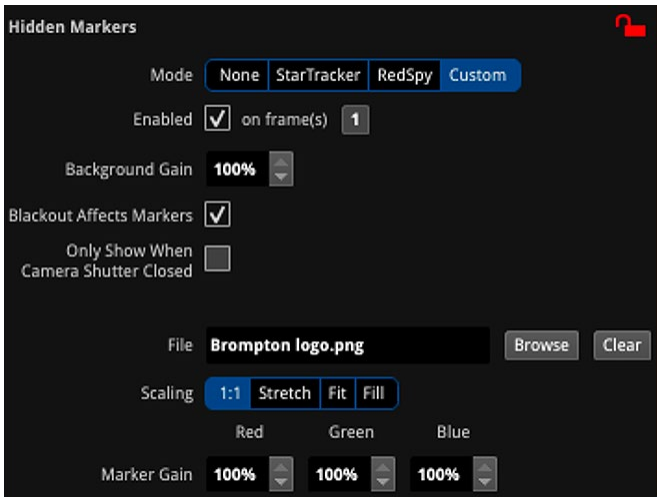
Feature Spotlight

CUSTOM MARKERS

Display all kinds of hidden markers.

Brompton Technology's Custom Markers feature makes use of a PNG bitmap, together with an alpha channel. Words, text, QR codes, fiducial markers, talent markers/instructions or digital 'spikes' for set placement, all of these, and more, can be used as hidden markers – without them being picked up by the camera.

Bitmaps can be uploaded to SX40 and S8 processors from our Remote software, from a USB key, or via IP using our API, and either overlayed over the content on an LED screen or displayed when the camera shutter is closed.



A Suite of Integrated Trackers

Custom Markers is part of our Hidden Markers functionality. Introduced with Tessera 3.5, this suite now also includes the Stype RedSpy optical camera tracking system, in addition to the existing MoSys StarTracker system. All options are integrated into Tessera SX40 and S8 processors.

No Impact on Port Capacity

As of Tessera 3.5, Hidden Markers no longer requires Frame Rate Multiplication, which means it can be used without affecting port capacity. When used in conjunction with our patented ShutterSync® feature, it is now possible to specify camera sensor shutter speed times, in addition to sensor type, so that Hidden Markers can be shown for a fraction of the frame period in the time that the camera shutter is closed. This is long enough to be detected by optical tracking marker systems.

- ✓ Create and display just about any kind and shape of digital marker, even text, in your filmed LED environment, without these appearing on camera.
- ✓ Send markers to the processor in almost real time, making it a powerful feature for third party integrators.
- ✓ Does not require Frame Rate Multiplication, so can be used without affecting port capacity.

Brompton Technology is the market leader in LED video processing for the most demanding applications across key sectors including Virtual Production & ICVFX, Live Events & Touring, Corporate & Education, Broadcast & Studio 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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