Feature Spotlight

STACKING

Multiple processors, simple control.

Brompton Technology's Stacking feature allows multiple processors to be controlled as one – making it easier than ever to work with large systems. Multiple stacks of processors can co-exist on a single LAN, allowing for versatile setups with quicker and greatly simplified control.

Many setups utilise multiple processors acting as one screen. Stacking, available on our Tessera SX40 and Tessera S8 processors with v3.4, allows multiple processors in a setup to be controlled together in unison.

Any setting adjustment made on the lead processor will be automatically applied to all the others in the stack, saving you the time of applying adjustments to each processor individually. You can customise which parameters will be synchronised across the stack, giving flexibility to suit a wide variety of applications.

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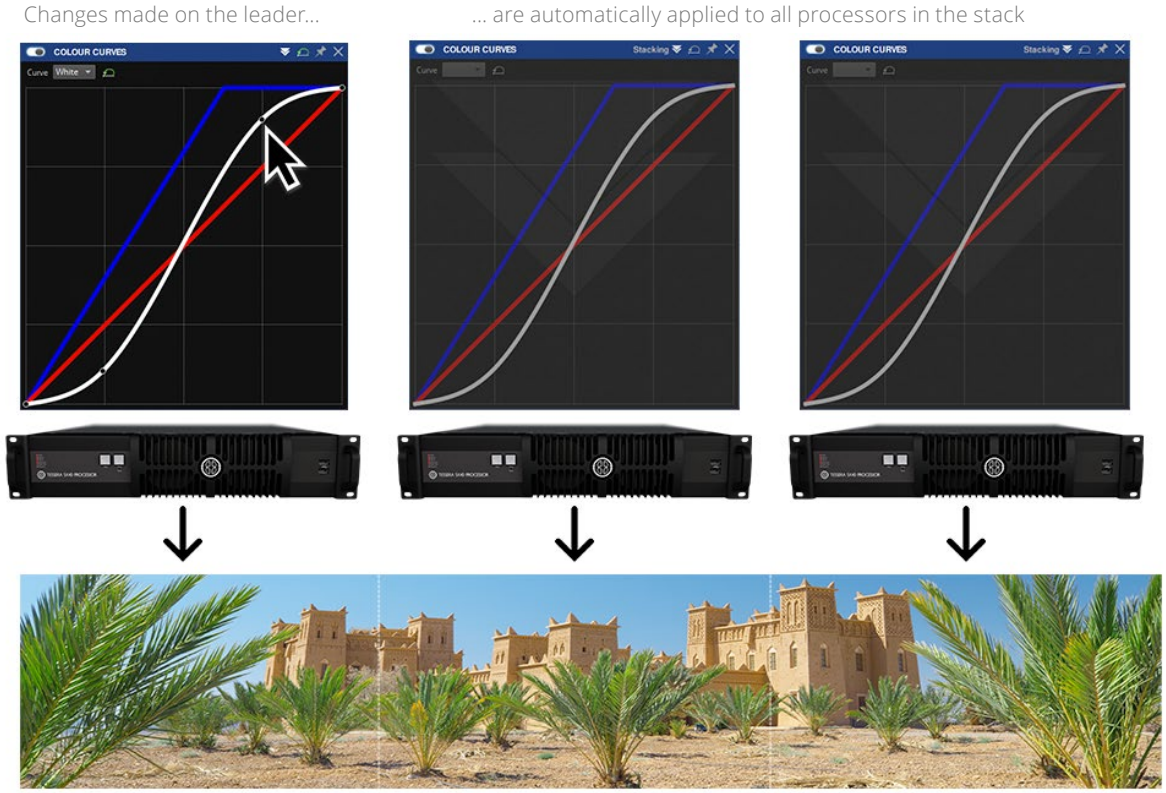

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Extreme Capacity

Combining multiple processors into a stack gives you virtually unlimited pixel capacity, and an almost unlimited number of processors can be stacked.

The processors can be grouped in one stack or you can have multiple independent stacks, with everything running on the same LAN.

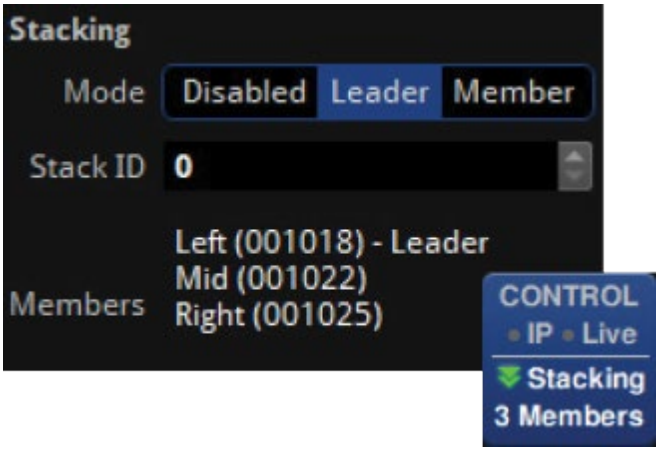
Simple, Rapid Control

To add your processors to a stack simply choose the stacking setting. One processor is set as a leader and all other processors you add to the stack are set as members. Any setting adjustments you need to make can be done on the lead processor, and will immediately be applied to all member processors in the stack.

On the lead processor, you can select which parameters you want to stack at the granularity of tiles in our intuitive pipeline user interface.

Parameters that can be synchronised within a stack include input settings, Test Pattern, Freeze, Blackout, all colour settings (such as PureTone and ChromaTune effects) and camera settings (such as ShutterSync, Frame Remapping, Genlock and Tracking Markers).

The user interface will show at-a-glance whether a processor is stacked as a leader or member, and which parameters are being synchronised.



If a processor has been offline, it will automatically update to the settings on the lead processor once it comes back online. Each member processor stores any adjustments made in its local project files, so if a lead processor goes offline, any member processor can take the place of the lead processor.

Integrated And Versatile

You can have multiple stacks, each with its own stack ID, and this allows for all stacks to co-exist on one local area network (LAN).

Multiple stacks allow for versatile setups, for example, you could have one stack for the processors running a main, central LED wall and a second stack for the processors running smaller, side screens. This greatly simplifies the process of operating large LED setups utilising many processors.

Stacking is also fully compatible with the existing IP Control capabilities of the Tessera processors, so now external control systems can simply connect to the lead processor when making adjustments, with changes automatically applied to all members in the stack.

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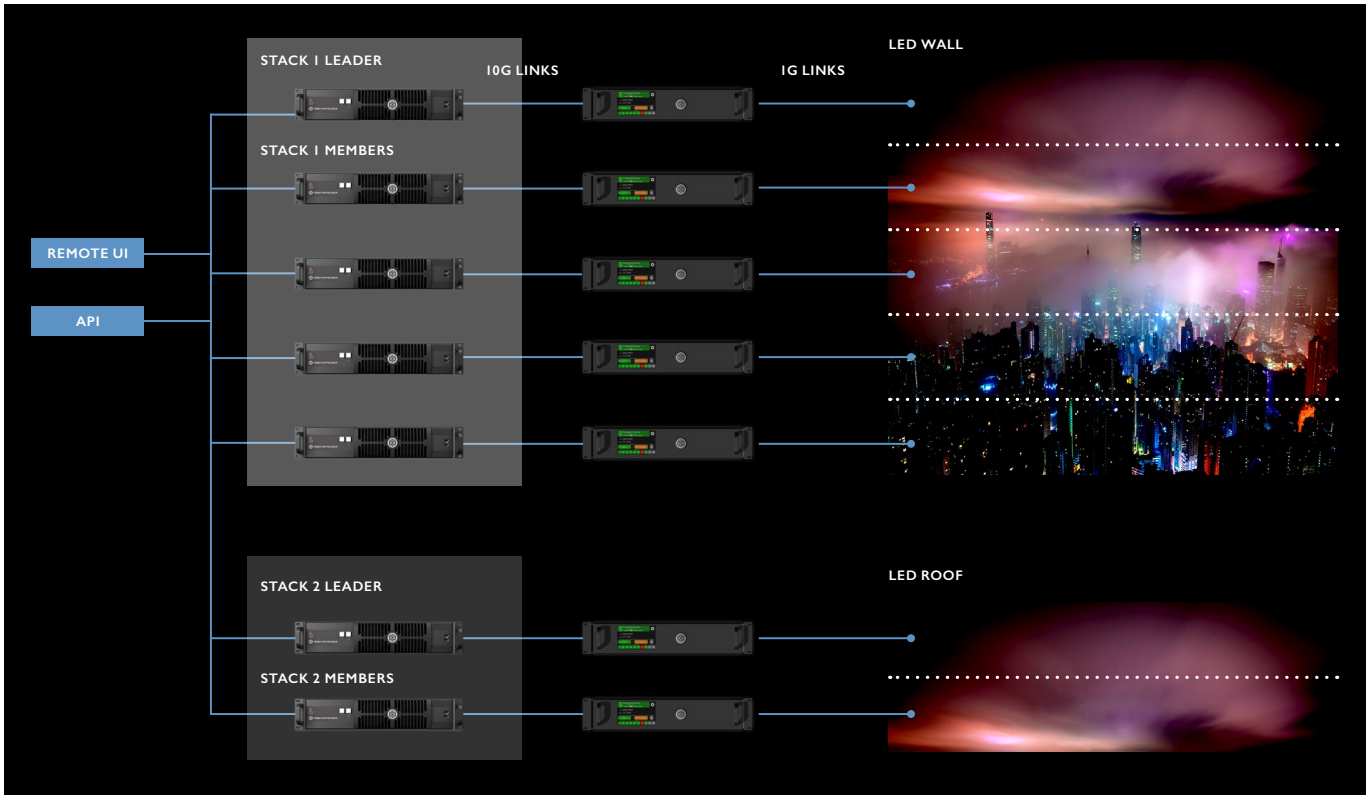

Best For Backup

Running a backup (Failover) processor is made much more convenient with Stacking. You can place both your primary and backup processor in the same stack, with the primary as the leader.

Changes you make on your primary processor will all be reflected on your backup processor, so it remains in a matching configuration and is ready to go should you need it.

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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