

APPLICATION NOTE ASSIMILATE INTEGRATION

Elena Lown - 2022

APPLICATION NOTE – ASSIMILATE INTEGRATION

Processor Firmware Version:	3.2.4 and above
Date:	08/03/2022
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Overview

Assimilate solutions now support Brompton Tessera LED processors. This means processor properties can be edited live on site via IP control from multiple apps within the Assimilate suite. This process works across 3 main applications.

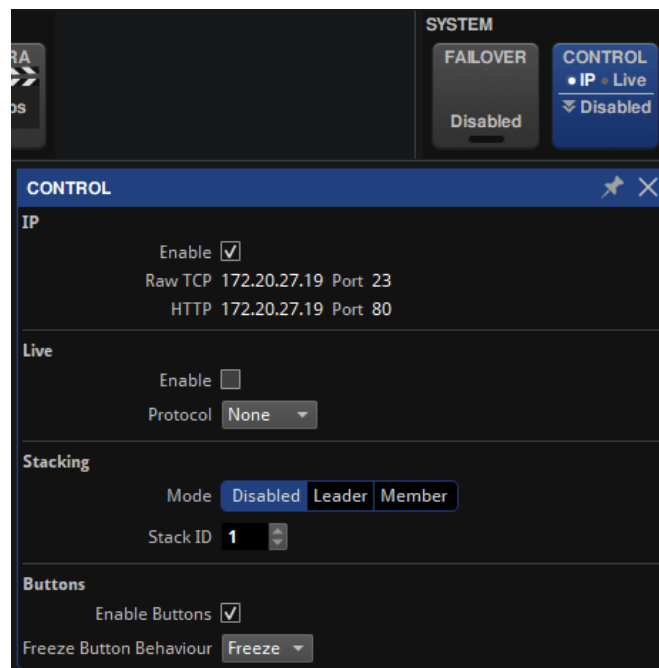
- **Live FX** is designed to play out plates and has IP control of screen brightness, gain and colour temperature.
- **Live Looks** is a colour grading application which can send 3D LUTs via IP to SX40 and S8 processors.
- **Live Assist** offers all the functionality of Live Looks with on top a series of video assist functions. With regards to integration with Brompton, the workflow, steps and procedure are identical to that for Live Looks.

Live Looks and Live Assist are fully released whereas Live FX is in open BETA.

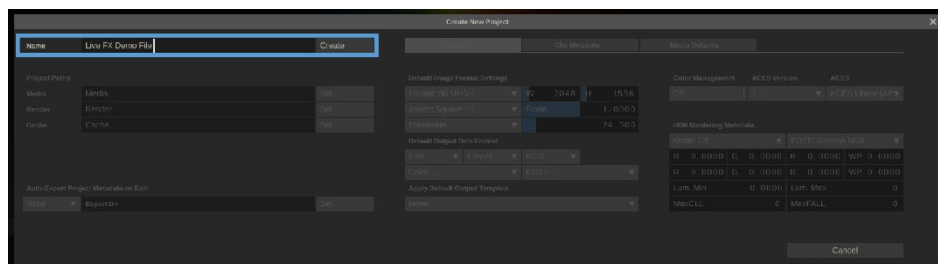
WHAT IT CAN CONTROL

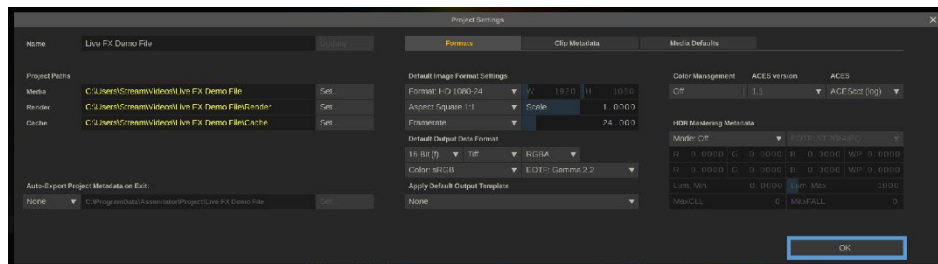
- Screen Brightness
- Gain
- Colour Temperature

Enable IP control within the processor.

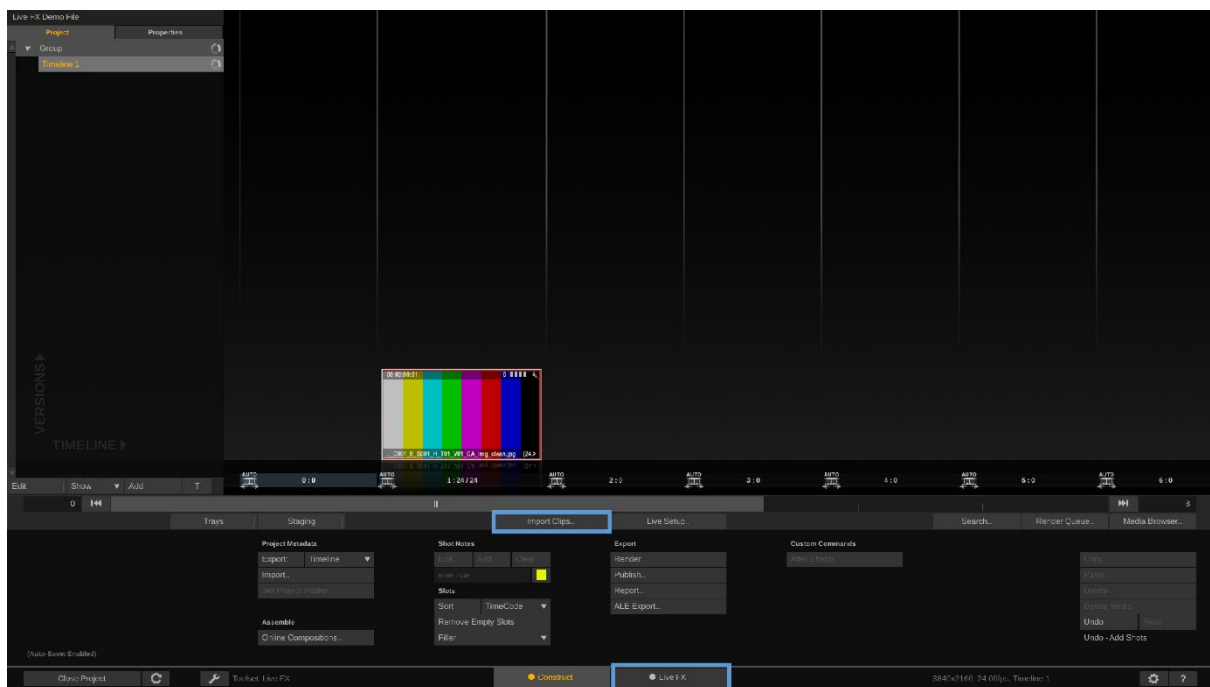


Open Assimilate 9.4 and create a new project. [blue box]

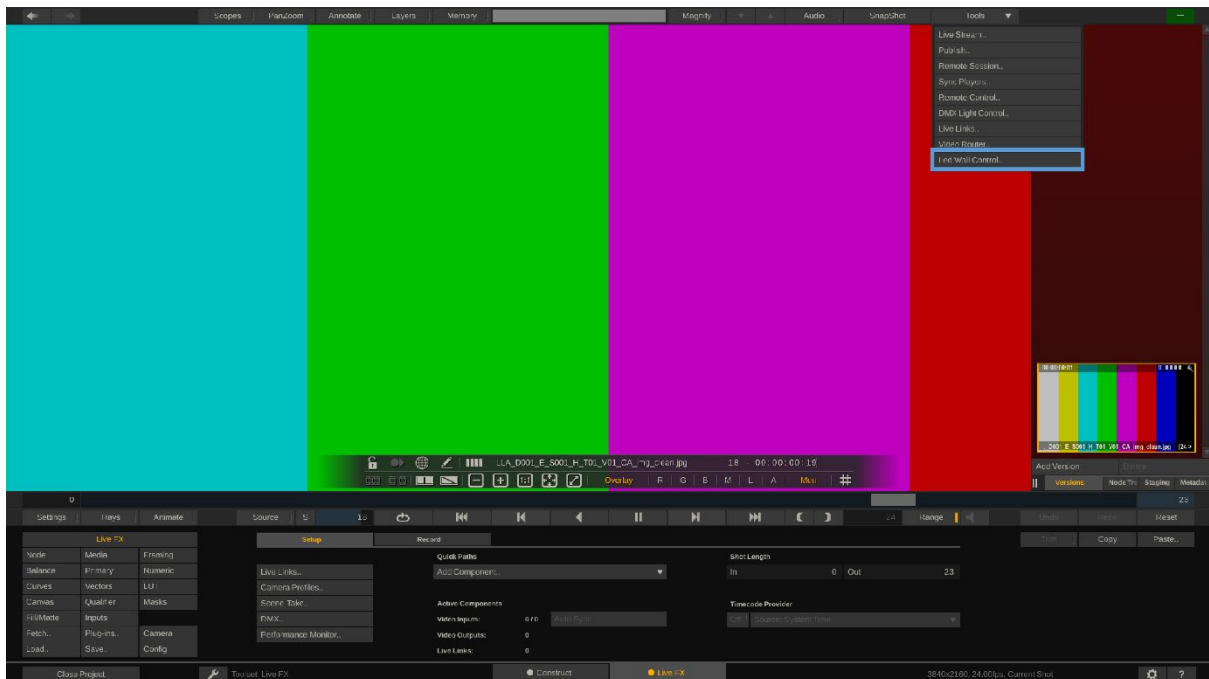




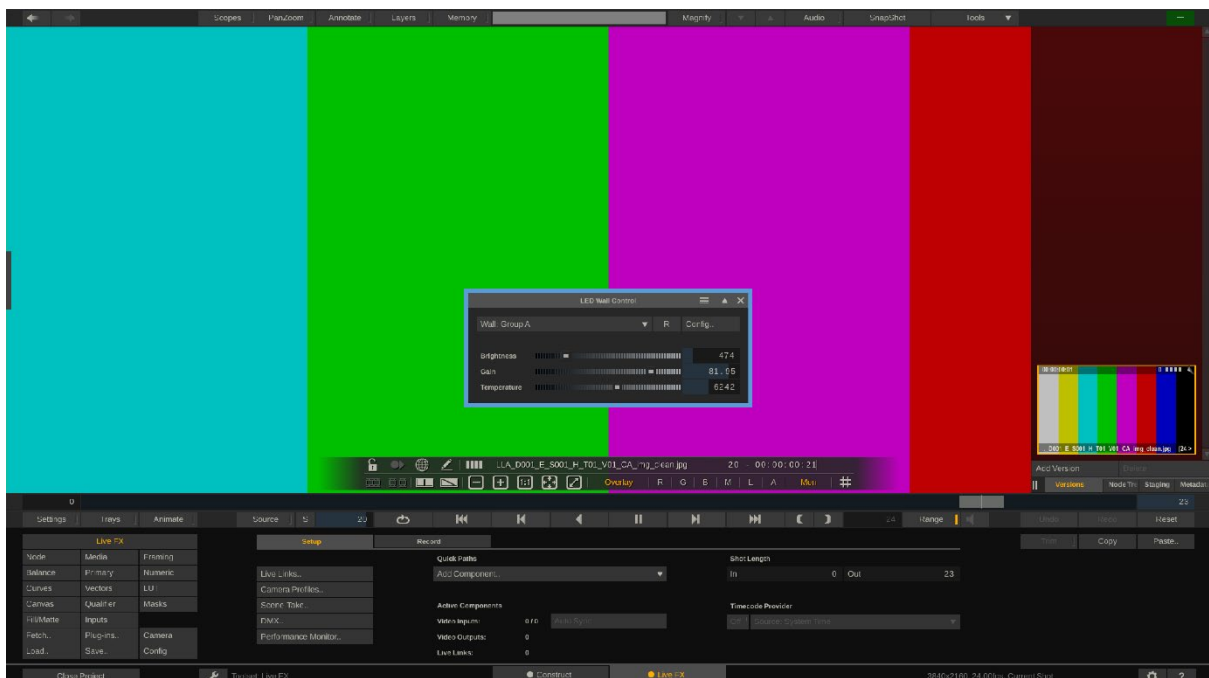
Add Media to enable the Live FX tab



In the Live FX tab, go to tools > LED Wall Control



Hit "R" to discover walls, if IP control is enabled and computer is linked to processor you should now be able to control brightness, gain and temperature.



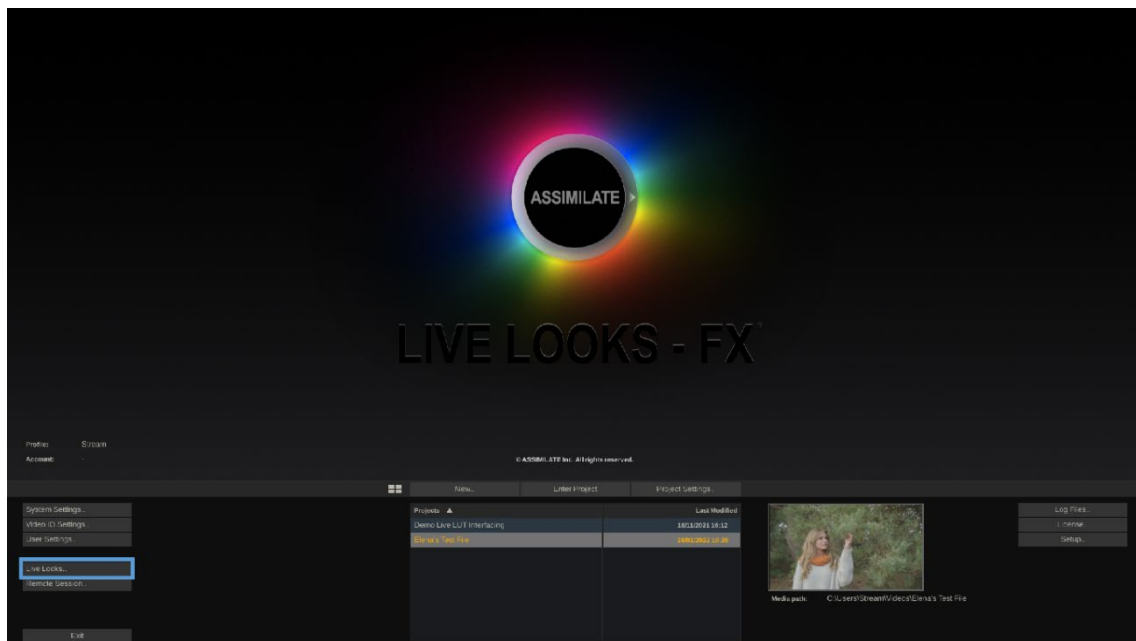
Live Looks / Live Assist

WHAT IT CAN CONTROL

- 3D LUT via IP

HOW TO CONNECT IT

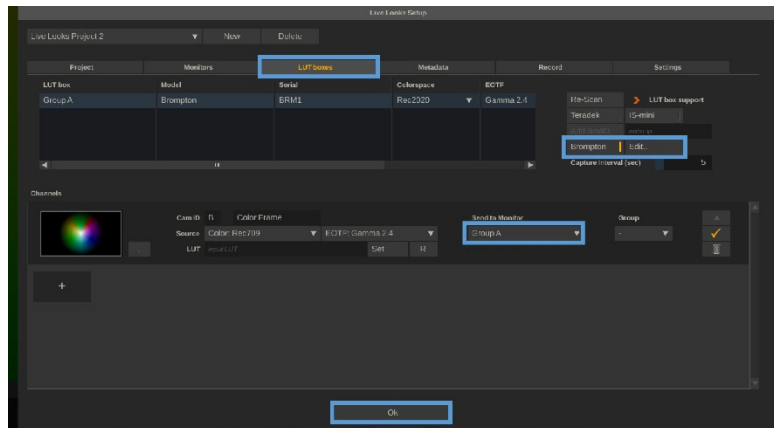
Open Assimilate 9.4, click Live Looks [\[blue box\]](#)



Open up the Setup menu

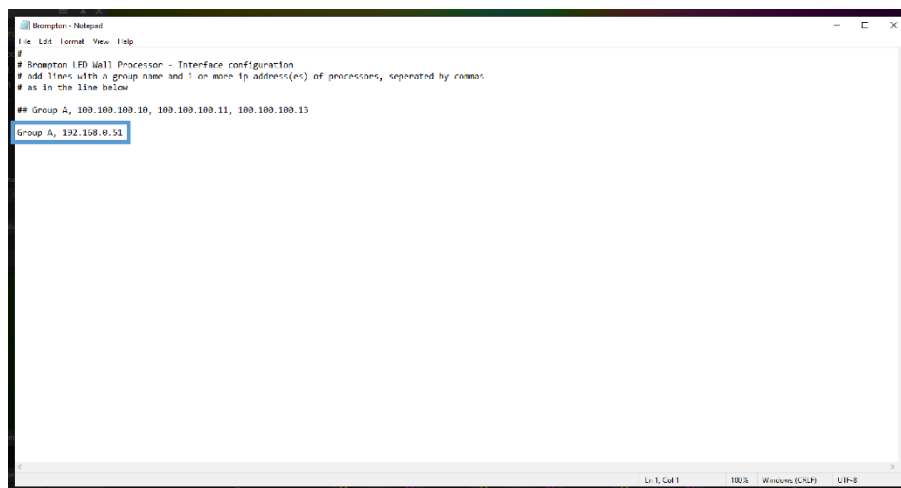


Go to the LUT boxes tab, next to Brompton click edit.

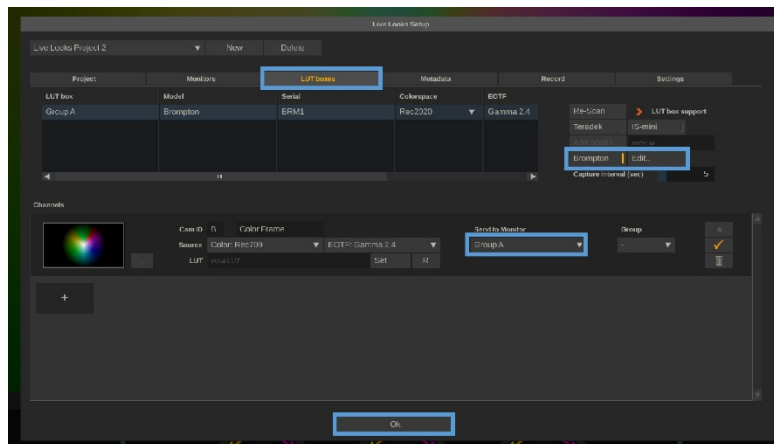


[Note: If you don't see Brompton here your version of Assimilate does not support Brompton and you need to upgrade to a newer version]

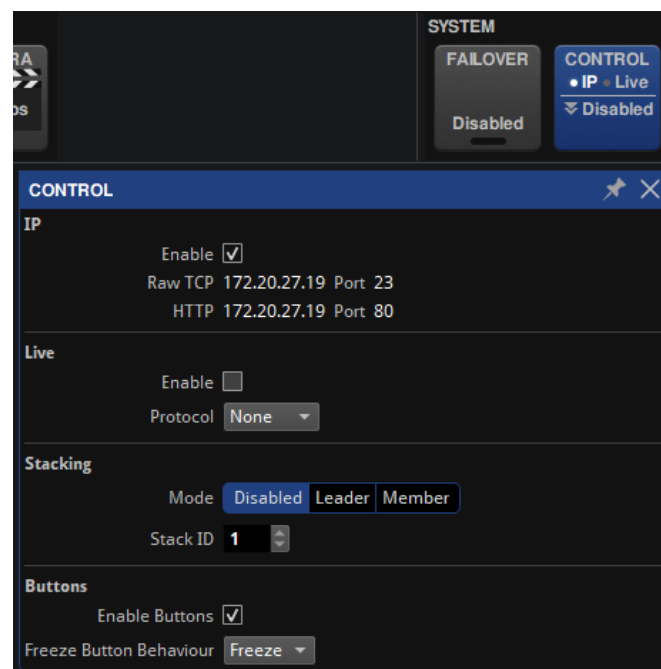
Within the text file that opens follow the instructions to enter a Group name and then the IP addresses of all the processors you want to connect separated by commas. Close and save that text file. Click Re-Scan to ensure it has located the LUT boxes.



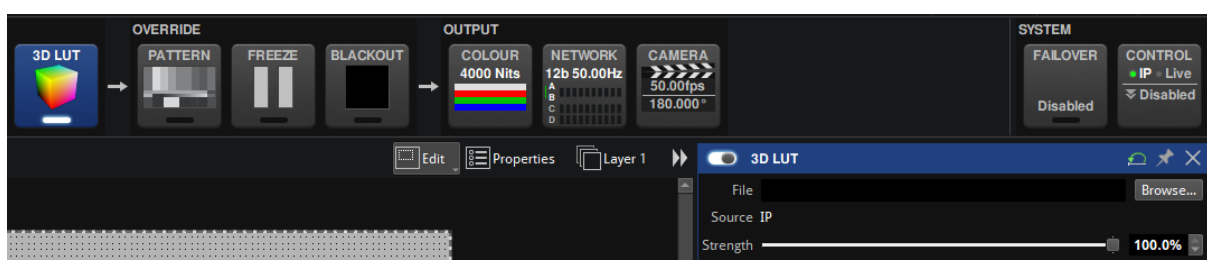
Ensure that the group you created appears under LUT box, then under Channels ensure the "Send to Monitor" drop down is selecting your group.



Hit OK, and your processors are connected Live Looks. Within your processors ensure that IP control is enabled.



In the 3D LUT property editor the source should show as IP and you can enable 3D LUT.



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The ShutterSync® feature is patented under US Pat. 11,445,123.

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DOCUMENT REVISION HISTORY

Date	Version	Author	Changes
2022.03.08	1.0	EL	Initial Version
2024.03.13	1.1	EL	Updating for 2024 and 3.5 UI