

- **Lets Animate Using xLights !**

Open your LED animation application, xLights is a great cross-platform sequence animator, this can be downloaded free of charge from <https://xlights.org/>

1. Start by adding channels based of your desired Matrix size in the 'Setup tab,' click 'Add Null'
2. In 'Number Of Channels' box, enter the total number of channels that correspond to the matrix you desire.
Example: A 20 pixel * 20 Pixel matrix would have 400 pixels, which is 1200 channels (400*3 for RGB)
3. Now create your Matrix in the 'Layout tab,' click 'Create New Matrix'
Set '# Strings' to 1,
Set 'Nodes/String'
Set 'Strands/String'
Set 'Starting Location'
Set 'Start Channel' to 1
Set 'String Type'
4. Now create an animation using the 'Sequencer tab,' click 'New Sequence'
click 'Animation>20fps>Quick Start'
5. Create your desired animation and effects using the timeline in the 'Sequencer tab'
6. Once done, 'Render>Save'
7. Transfer the file to an SD-Card ensuring that you call it one of the allowed filename (above)
8. Insert the SD-Card into REPLAY and the animation should start straight away

-