

# **NLED Matrix**

by Northern Lights Electronic Design, LLC

[www.NLEDshop.com/nledmatrix](http://www.NLEDshop.com/nledmatrix)

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<u>Method ID</u>	<u>Method Name</u>	<u>Reversible</u>	<u>Usage</u>
0	Video Files	Yes	AVI, MOV, MPG, most video file types. Stalls a few frames when loading video
1	Dshow Capture	No	Uses a webcam or other Dshow feed, not compatible with Mac or linux
2	Image	No	Load an image
3	.dat video files	Yes	When loading a video with Processing(Java, Gstreamer libray) will stall for a few frames, converting a video to a .dat will avoid that
4	Text Mode	Yes	The QuickFeed UserID string is used as for the text
100	Audio Ripples	No	Uses Minim for sound capture and produces circles or ripples
101	Star Field	Yes	Creates star field, generates in the center and moves outward
102	Spinning Cube	Yes	A spinning cube grows and shrinks, colors adjusted using the slider
110	Ripples	Yes	Ripples move outwards
104	Metaballs	No	Generates Metaballs, original code linkback in code
105	Plasma	No	Generates a RGB Plasma, original code linkback in code
106	Spiral	Yes	Generates an Archimedes spiral, with control options such as decay and various color modes
107	Audio Sine Wave		
108	Audio Bars	No	Generates bars from bottom, best at lower frame rates or speeds
109	Falling Blocks	Yes	Generates single pixels or shapes that fall from one side to the other, slider adjusts direction
123	Test Step Through	No	Pressing the "x" key steps a white pixel through the entire patch in order, good for testing