# Flicker Too

*for bass clarinet, piano, and keyboard controlled lights*

Anthony Caulkins

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## Approximate Duration: 8:00 minutes

## Performance Notes:

- Accidentals apply only to the notes they immediately precede, in the register written.
- All tremoli are unmeasured.
- The lights performed by the player on the MIDI keyboard are to be cast in three distinct areas on the wall behind the performers.

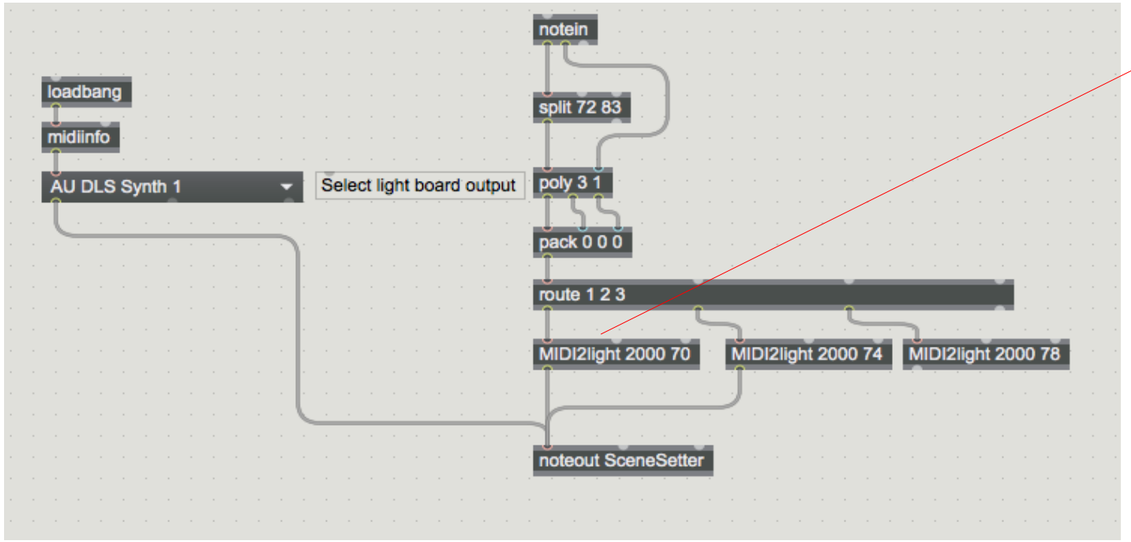
## Suggested equipment/software needed to control lights.

- M-Audio Keystation 49es
- Elation Scene Setter 24 DMX Control Center
- Cycling '74's Max, in order to translate MIDI to DMX.
- Three LED lights with RGBA color possibilities.

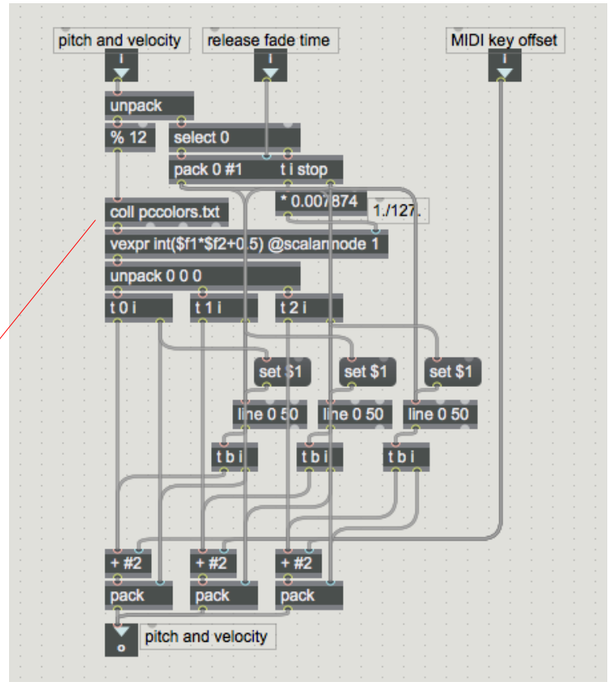
* There are other equipment possibilities. These are only suggestions.

# Examples of Max Patches used in controlling the lights with a MIDI Keyboard.

Patch for routing MIDI from the keyboard into the Scene Setter Board




"MIDI2light" patch for controlling the brightness, color, and fade time of the lights




Text file for mapping pitch-class to color. This is the text of the coll object labeled "pccolors.txt."

```
0, 255 0 0;
1, 0 128 255;
2, 255 255 0;
3, 128 0 255;
4, 0 255 0;
5, 255 0 128;
6, 0 255 255;
7, 255 128 0;
8, 0 0 255;
9, 128 255 0;
10, 255 0 255;
11, 0 255 128;
```

For access to the original Max patch, contact Anthony Caulkins at contactanthonycaulkins@gmail.com

* Transposed score
* Accidentals apply only to the notes they immediately precede
* All tremoli are unmeasured

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A

♩ = 80

Bass Clarinet

Piano

Lights Keyboard

pp

mp

5

B. Cl.

Pno.

L.K.

p

*sempre seco*

10

B. Cl.

Pno.

L.K.

*mp* *pp* *mp* *pp* *mf* *mf*

14

B. Cl.

Pno.

L.K.

*p* *mf* *p* *mf* *p* *p* *mf* *p* *mp* *mf* *p*

18

B. Cl.

Pno.

L.K.

22

B. Cl.

Pno.

L.K.

26

B. Cl.

Pno.

L.K.

*ff* *mf* *ff* *mf* *ff* *ff* *f* *ff* *f* *ff* *f*

30

B. Cl.

Pno.

L.K.

34

B. Cl.

Pno.

L.K.

*fff*

*ff*

*f*

*fff*

*pp*

*fff*

*pp*

38

B. Cl.

Pno.

L.K.

*< mp*

*pp*

*< mp*

*pp*

42

B. Cl.

Pno.

L.K.

pp

< mp

pp

< mp

< mp

pp

< mp

46

B. Cl.

Pno.

L.K.

pp

< mp

pp

< mp

sfz

pp < mp

sfz

pp < mp

50

B. Cl.

Pno.

L.K.

54

B. Cl.

Pno.

L.K.

58

B. Cl.

Pno.

L.K.

62

B. Cl.

Pno.

L.K.

66

B. Cl.

Pno.

L.K.

69

B. Cl.

Pno.

L.K.

fff

fff

fff

**B**

♩ = 66

B. Cl.

Pno.

*lightly pedal ad lib.*

L.K.

75

78

B. Cl.

Pno.

L.K.

82

B. Cl.

Pno.

L.K.

85

B. Cl.

Pno.

L.K.

88

B. Cl.

Pno.

L.K.

91

B. Cl.

Pno.

L.K.

94

B. Cl.

Pno.

L.K.

97

B. Cl.

Pno.

L.K.

*mf* *ff* *mf*

*mf* *ff* *mf*

*mf*

*mf* *ff* *mf*

*mf* *ff* *mf*

100

B. Cl.

Pno.

L.K.

*mf* *ff* *mf*

*mf* *f* *mf*

*mf*

*mf* *ff* *mf*

*mf* *f* *mf*

103

B. Cl.

Pno.

L.K.

106

B. Cl.

Pno.

L.K.

16

C

♩ = 100

B. Cl.

Pno.

L.K.

113

B. Cl.

Pno.

L.K.

116

B. Cl.

Pno.

L.K.

119

B. Cl.

Pno.

L.K.

121

B. Cl.

Pno.

L.K.

*fff*

123

B. Cl.

Pno.

L.K.