

Candela

for violin, electronics and light

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for Mira Benjamin

Set-Up Instructions

Equipment

- > PA System
- > Microphone
- > Laptop running Ableton 9 with this patch:
<https://www.dropbox.com/sh/7sqm4o7rf5ydb60/AAD2EeS6R-hBjgqYagRx-Ptaa?dl=0>
- > Soundcard & leads
- > Headphone & extension
- > DMX adapter (such as the DMX Entec)
- > DMX light & stand
- > Digital score reader (such as an iPad or similar)

Place the DMX light directly above the violin player. The beam should be wide enough to just cover the body of the violinist. The house lights should be turned down so that the DMX light is the only light source.

The microphone can be a close mic (attached to the body of the violin) or placed on a microphone stand.


Due to the lighting design, the score should be read from a digital device. This will emit some light and won't affect the intended result.

Ensure that the volume of the tape through the PA system matches the live violin amplified sound. The overall volume should be loud.

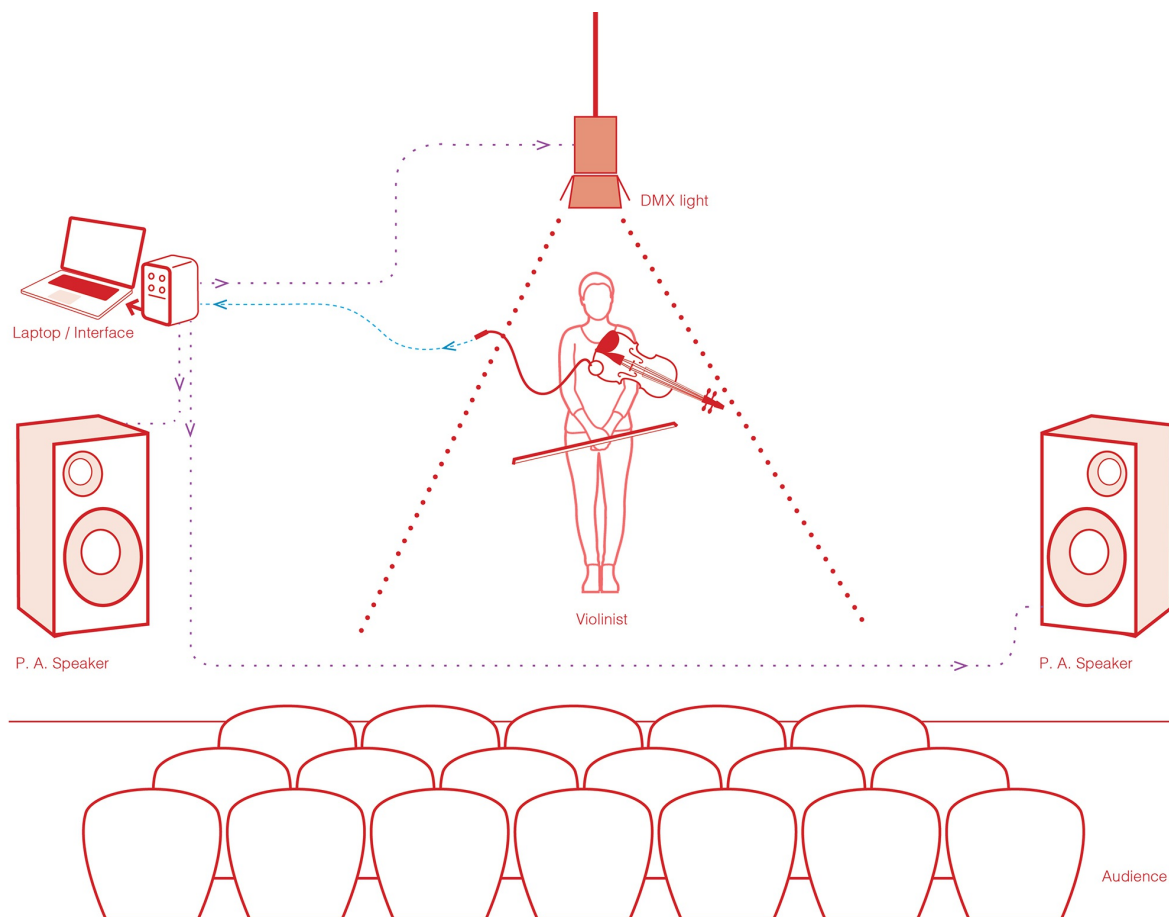
Open up the Ableton file and do the following:

- 1) Set the computer output to the soundcard you are using. Ensure that the cue output sends the click to the headphones only.
- 2) In the M4L object for the MIDI Lights channel and the Audio Lights channel, set the controller to the DMX adapter you are using.

Notation

- > st = sul tasto
- > sp = sul ponticello
- > bat. = battuto con crini (hit with the hair of the bow) with a slight up or down bow
- > nat = natural bowing position
- >  = heavy vibrato

Stage Set-up



Performance Instructions

The electronics and tape part is synchronised to the score via a click.
Use in-ear headphones and adjust the volume in Ableton.

From here to rehearsal mark 7, play with so much energy that it becomes messy

Violin

1 ♩ = 130 (four clicks)

bat. arco s.t. nat. IV III II I II III IV*1 + arco II s.p. nat.

mf ff mf ff mf

Vln.

8 pizz. arco bat. + arco s.p. nat. s.p. nat. II

mf ff mf ff mf ff heavy bow pressure norm. mf

Vln.

15 bat. arco 2 ♩ = 76 arco bat. II 3 ♩ = 150 arco bat. s.t. nat. sim. *1

mf ff mf ff mf

Vln.

22 + pizz. bat. arco II s.p. nat. bat. arco

mf ff mf ff mf

Vln.

28 bat. + arco s.p. nat. II bat. arco

mf ff mf ff mf ff heavy bow pressure norm. mf ff

Vln.

36 II + II 3 arco + arco + arco + arco + arco s.p. sim.

mf ff mf ff mf ff

Vln.

43 bat. arco nat. 3 bat. bat. bat. bat. arco 4 ♩ = 110 bat. arco bat.

mf ff mf ff mf ff

Vln.

50 5 ♩ = 200 arco bat. s.t. nat. 3 + arco II s.p. nat. bat. arco sim.

mf ff mf ff mf ff

*1 use the same strings as indicated here each time this figure appears

57 **6** $\text{♩} = 100$ bat. arco arco bat. s.t. nat. + pizz. arco II
 Vln. **ff** **mf**

7 From here to bar 115 there's a process to reduce the volume of the louder notes. Notes marked **f** or **ff** should be played quieter 2nd time through

65 $\text{♩} = 130$ (four clicks) bat. arco arco bat. s.t. nat. 3 3
 Vln. **ff** **ff** **pp** **p** **f** **ff** **sim.**

72 arco II s.p. # nat. p pizz. arco bat. arco gliss.
 Vln. **pp** **ff** **p** **ff** **mp** **ff** **p** **pp** **ff** **p** **ff**

80 **8** arco II s.p. # nat. p pizz. arco bat. arco
 Vln. **f** **pp** **f** **p** **f** **mp** **p** **pp** **f** **p** **f**

9 Notes marked **mf** should be played quieter 2nd time through

10 Notes marked **mp** should be played quieter 2nd time through

87 arco II s.p. # nat. p pizz. arco bat. arco
 Vln. **mf** **pp** **mf** **p** **pp** **mf** **p** **mf** **mp**

Snap pizz. dynamics now equal input effort rather than sonic output

11 Notes marked **p** should be played quieter 2nd time through

94 arco II pizz. arco bat. arco arco II pizz. arco
 Vln. **pp** **mp** **pp** **mp** **p** **pp** **p** **pp**

101 bat. arco arco II pizz. arco bat. arco
 Vln. **p** **pp**

108 **13** arco II pizz. arco bat. arco **14** arco II pizz.
 Vln. **ppp** **pp** **ppp** **pp** **ppp** **ppp** **pp** **ppp**

115 **15** $\text{♩} = 60$
Vln. arco **ppp**

122

129

136

143

150

158

166

174

Vln. *[ppp]*

III II I 1

182

Vln.

III II II II

187

Vln.

II II II II II

Total duration: c. 9'30