**Anthony Caulkins**

# Marble

*soprano sax, flute, violin, live electronics, and interactive lighting*

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**Approximate Duration: 8:00**

## General Performance Notes:

- Accidentals apply only to the notes they immediately precede, in the register written.
- Measures 1 and 141 are out of time with the duration left to the discretion of the performers.
- The violin cadenza in measure 108 is written to give the general idea of the types of figures and notes to use. Some liberty may be taken with its pitch and rhythmic interpretation. Be sure to enter on measure 111 in time with the other performers.
- Grace notes following a regular note mean to add a “duration-less” note after the original note has been played to its full value.

## Live Electronics Notes:

- Each instrumentalist should have a microphone placed in front of them, running into a delay effects processor (Ableton Live's Grain Delay, Filter Delay, and Ping Pong Delay were used for the premiere)
- Each instrumentalist's delay should be based on a subdivision of a 60bpm grid.
- Delays turn on and off as indicated in the score

## Interactive Lighting Notes:

- A semicircle of seven DMX controlled LED stage lights are to be set up behind the performers, facing the audience.
- The signals from each of the performers' the microphones should run into a Max patch (as well as to a delay effects processor, as specified above), converting their audio signal to DMX control values. For access to the specific Max patch please contact Anthony Caulkins at contactanthonycaulkins@gmail.com.
- The interactive lighting is not reflected in the score. However, the lighting patch should remain active for the duration of the piece.

# Marble

Anthony Caulkins

*for soprano sax, flute, violin, live electronics, and live lighting*

blow air through sax without producing pitch,
fingering Eb in any range (futter ad lib.)

♩ = 60; very expressive

Soprano Sax

Flute

Violin

Granular &
Ping Pong Delays

pp mf p

sax delay on

sax delay off

5

S. Sx.

Fl.

Vln.

Delay

pp mf p

mp pp

sax delay on

sax delay off

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9

S. Sx.

Fl.

Vln.

Delay

pizz.

*mp*

arco

*pp* *mf* *p*

violin delay on

violin delay off

13

S. Sx.

Fl.

Vln.

Delay

*pp*

*pp*

pizz.

*p*

*mf*

*mf*

*dim.*

17

S. Sx.

Fl.

Vln.

Delay

*pp*

*(dim.)*

*pp*

*mp*

21

S. Sx.

Fl.

Vln.

Delay

*mp* *pp*

*mp* *pp*

*mf*

*mf*

sax delay on

sax delay off

flute delay on

flute delay off

25

S. Sx.

Fl.

Vln.

Delay

mp pp

mp pp

mf

mf

sax delay on

sax delay off

flute delay on

flute delay off

29

S. Sx.

Fl.

Vln.

Delay

pp

pp

mp pp

mp pp

arco

pp

mf

pp

sax delay on

flute delay on

33

S. Sx.

Fl.

Vln.

Delay

*mp* *pp*

*mp* *pp*

*mf*

(sax delay) sax delay off

(flute delay) flute delay off

*mf* *ppp* *p*

*mf* *ppp*

*mf* *ppp*

37

norm. fl.

norm. fl.

norm. scratch

*mf* *ff*

*mf* *ff*

*mf* *ff*

fl. norm.

fl.

scratch norm.

*ff* *f*

*ff*

*ff* *f*

sax delay on sax delay off

flute delay on flute delay off

violin delay on violin delay off

41

S. Sx.

Fl.

Vln.

Delay

(norm.) → fl.

norm.

*mf*

*ff*

(norm.) → scratch

norm.

*p*

*f*

norm.
pizz.

arco

*p*

*f*

sax delay on – – – – – – sax delay off

flute delay on – – – – – – flute delay off

violin delay on – – – – – – violin delay off

45

S. Sx.

Fl.

Vln.

Delay

*mf*

*mf*

fl. → norm.

>

*f*

*mp*

*f*

pizz.

*mf*

pizz.

*mf*

49

S. Sx.

Fl.

Vln.

Delay

arco

*mf*

*mf*

*mf*

*f*

53

S. Sx.

Fl.

Vln.

Delay

*p*

*p*

*f*

*f*

*p*

*p*

*f*

*f*

pizz.

*f*

fl.

*f*

fl.

*f*

scratch
arco

*f*

sax delay on

flute delay on

violin delay on

sax delay off

flute delay off

violin delay off

57

S. Sx.

Fl.

Vln.

Delay

fl. → norm.

fl. → norm.

scratch → norm.

61

S. Sx.

Fl.

Vln.

Delay

norm. → fl.

65

S. Sx.

Fl.

Vln.

Delay

p

f

fl.

scratch

69

fl. → norm.

norm. → fl.

norm.

pp

sax delay on

flute delay on

violin delay on

73

S. Sx.

Fl.

Vln.

Delay

fl.

*mf*

norm.

*p*

*f*

scratch

*mf*

*pp*

*pp*

*pp*

sax delay off

flute delay off

violin delay off

77

S. Sx.

Fl.

Vln.

Delay

fl.

*mf*

norm. → fl.

*mf*

scratch

*mf*

norm.

*f*

norm.

*p* *f*

pizz.
norm.

*f*

*mf*

*p*

*mf*

arco

*f* *p*

*p*

*p*

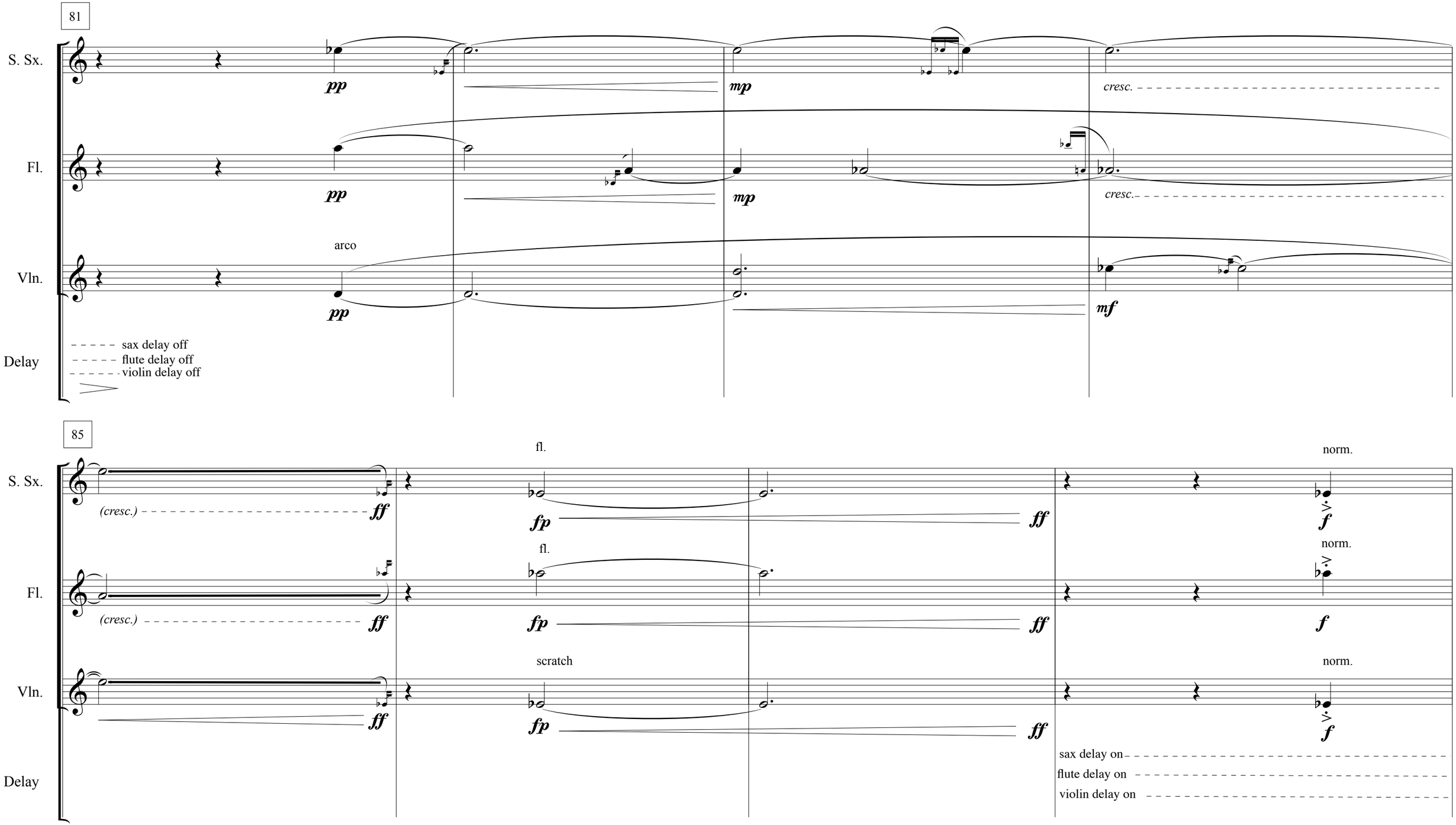
pizz.

*p*

sax delay on

flute delay on

violin delay on


81
S. Sx.
Fl.
Vln.
Delay
pp
mp
cresc.
arco
mf
sax delay off
flute delay off
violin delay off
85
fl.
norm.
(cresc.)
ff
fp
f
scratch
sax delay on
flute delay on
violin delay on

89

S. Sx.

Fl.

Vln.

Delay

norm. fl.

norm. fl.

sax delay off

flute delay off

violin delay off

**Piu Mosso;** ♩ = 80

scratch

sax delay on

flute delay on

violin delay on

97

S. Sx.

Fl.

Vln.

Delay

*cresc. poco a poco*

*cresc. poco a poco*

*cresc. poco a poco*

3

101

fl.

S. Sx.

*(cresc. poco a poco)*

fl.

Fl.

*(cresc. poco a poco)*

(ricochet)

(ricochet)

(ricochet)

Vln.

*(cresc. poco a poco)*

3

3

3

Delay

# Marble

105

S. Sx.

(cresc. poco a poco)

fff possible

norm.

Fl.

(cresc. poco a poco)

fff possible

norm.

scratch

Vln.

(cresc. poco a poco)

3

fff possible

norm.
(cadenza)

Delay

109

S. Sx.

Fl.

Vln.

Delay

113

fl.

S. Sx.

fl.

Fl.

Vln.

Delay

117

wait for delay to stop

wait for delay to stop

wait for delay to stop

♩ = 60; very expressive

S. Sx.

Fl.

Vln.

Delay

sax delay off
flute delay off
violin delay off

121

norm.

S. Sx.

Fl.

Vln.

Delay

*pp* *mf* *p*

*mp* *pp*

*pp* *mf* *p*

norm.

*pp* *mf* *p*

125

S. Sx.

Fl.

Vln.

Delay

*mp* *pp*

*pp* *mf* *p*

129

S. Sx.

Fl.

Vln.

Delay

pizz.
norm.

mp

pp mf p

arco

pp mf p

pp mf p

pp mf p

133

S. Sx.

Fl.

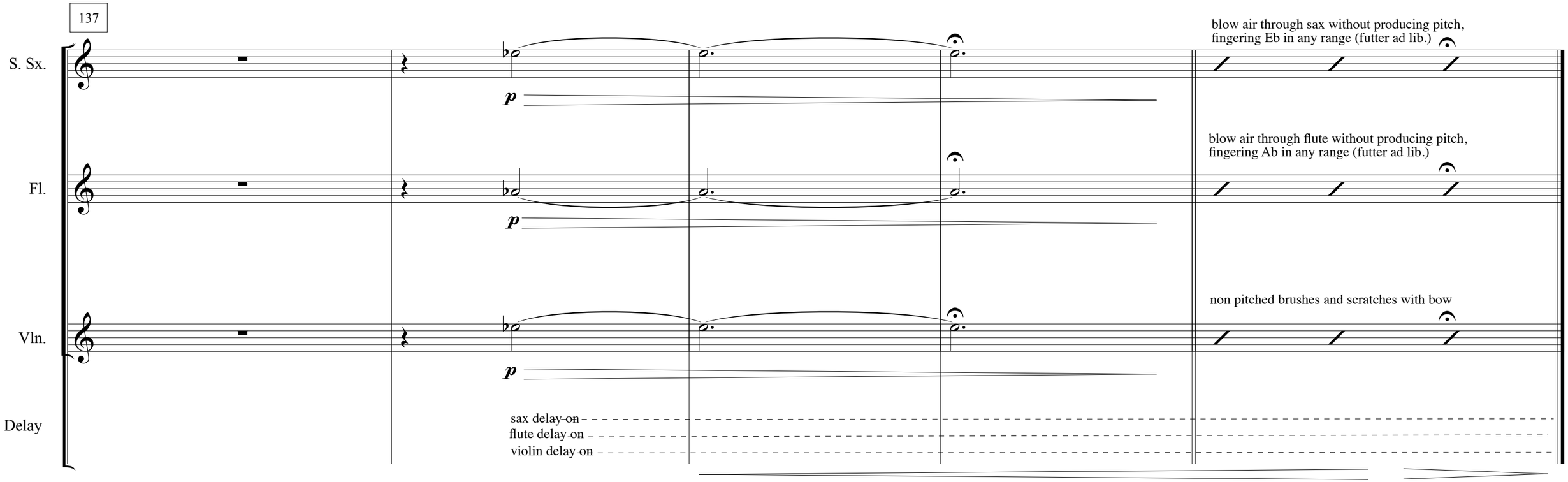
Vln.

Delay

pp mf p

pp mf p

pp mf p


137
S. Sx.
Fl.
Vln.
Delay
p
p
p
blow air through sax without producing pitch,
fingering Eb in any range (futter ad lib.)
blow air through flute without producing pitch,
fingering Ab in any range (futter ad lib.)
non pitched brushes and scratches with bow
sax delay on
flute delay on
violin delay on