

in shadow, in shade

for piano and electroacoustic sounds

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Technical Requirements

in shadow, in shade is scored for solo piano and electroacoustic sounds. The electroacoustic component involves triggering 30 stereo sound files at various points indicated by numbered boxes in the score. The pianist or an assistant triggers these sound files during performance using a Max/MSP patch provided by the composer.

Hardware and Software

Computer with approximately 250 MB of free space (Mac or PC)

Audio Interface

Max/MSP

Max/MSP patch (uses sound file playback only)

2 Microphones (optional)

2 Mic stands (optional)

USB footpedal (optional)

Mixing console

2 speakers

Patching

Footpedal is attached to USB port on the computer

Audio interface stereo outputs are sent into the mixing console

Piano microphones sent into mixing console (optional)

Depending on the acoustic characteristics of the performance space, it may not be necessary to amplify the piano.

In a multi-channel setup with speakers surrounding the audience the stereo outputs of the computer should primarily come out of the front pair and less from the sides. Relatively little should come out of the rear speakers. Side and rear speakers should act as fill and envelopment.

2

15

Pno.

Elec.

[F\#] [F] [E]

p f mf mp sfz pp

[B] mf mp

8^{va} 5-7 seconds

sempre legato

9 10 11

(Ped.) (sempre)

$\text{♩} = 60$ Calm

(8)

20

Pno.

Elec.

p pp

(8)

25

Pno.

Elec.

* each voice entry should gradually crescendo until the next entry at which point it should decrescendo

Pno. (8) 30 *mp* *p* 3

Elec. 12 13

Pno. (8) 35

Elec.

40 **Calm with sudden outbursts** *loco* *

Pno. *subito f* *ppp* *subito f* *ppp* *subito f* *ppp* *pp* *pp* *p* *pp*

Elec. [C] *pp* [F#] *pp* (half) 14 15 16

* whenever possible, create a texture of irregular re-articulations (1-3 per second)

The musical score consists of two staves. The top staff is for the Piano (Pno.) and the bottom staff is for the Electric instrument (Elec.). The Pno. staff begins with a tempo marking of 60 and a dynamic marking of *cresc poco a poco*. The Pno. part features a complex melodic line with many accidentals and a final measure marked with a '5'. The Elec. staff is mostly empty, with only a few notes visible in the first measure. The time signature changes from 15/16 to 4/4 and then to 5/4.

The musical score for "Bursting forth" by John Cage is presented in two staves: Piano (Pno.) and Electric (Elec.). The score is divided into two main sections by a double bar line. The first section, marked with a tempo of ♩ = 108, features a Pno. part with a series of sixteenth-note runs in the right hand, starting with a forte (ff) dynamic. The Elec. part is silent in this section. The second section, marked with a tempo of ♩ = 108, features a Pno. part with a series of sixteenth-note runs in the right hand, starting with a forte (ff) dynamic. The Elec. part is silent in this section. The score is marked with a tempo of ♩ = 108 and a dynamic of ff. The Elec. part is marked with a tempo of ♩ = 108 and a dynamic of ff. The score is marked with a tempo of ♩ = 108 and a dynamic of ff. The score is marked with a tempo of ♩ = 108 and a dynamic of ff.

The musical score is divided into two systems. The first system (measures 68-71) features a piano (Pno.) part with a treble clef and a grand staff. The right hand plays a melodic line with a 6-measure slur, and the left hand plays a bass line. Dynamics include *ff* and *p*. The electric guitar (Elec.) part is shown as a single staff with a whole note chord. The second system (measures 72-75) continues the piano part with a 6-measure slur and a *ff* dynamic. The electric guitar part has a measure number 23 in a box with an upward-pointing arrow.

6

73

[Bb]

[D]

Pno.

f

mf

ff

p

f

[C]

Elec.

(Ped.) →

24

25

26

5/4

80

Pno.

p

f

ff

ff

3

3

3

3

Elec.

27

6/4

84

Pno.

ff

f

p

mf

pp

mf

f

3

3

Elec.

[B]

28

6/4

4/4

5/4

4/4

♯4/4

♯ = 76 With increasing energy and intensity
Like a cadenza

8va-----| loco

89 7

Pno. *f p f*

Elec. $\frac{6}{4}$ $\frac{4}{4}$

93

Pno. *f mf*

Elec. $\frac{3}{4}$ $\frac{4}{4}$

96

Pno. *f mp ff mp f ff mf*

Elec. $\frac{7}{8}$ $\frac{4}{4}$

8

100

Pno.

ff *f* *ff*

3 3 3 5 7 3

8va

Elec.

4/4 3/4 4/4

103

Pno.

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

3 3 3 6 6

8va

Elec.

6/4 29 4/4

♩ = 42 Tender, Gradually dissipating

106

Pno.

subito pp *p* *ppp* *pp*

[C]

Elec.

5/4 5/4

111

Pno.

Elec.

[C]

p *ppp*

pp

[F]

pp *ppp*

ppp *mp* *p*

8va

30

9