OnDemand

Saariaho, Kaija

Six Japanese Gardens

Score for sale (North America):

http://www.halleonard.com/product/viewproduct.do?itemid=14030349&lid=0&li

Score for sale (UK, Europe and other territories):

http://www.musicroom.com/se/id_no/00080497/details.html?kbid=1296

Information about the work and materials for hire:

http://www.chesternovello.com/default.aspx?TabId=2432&State_3041=2&workId_3041=7848

Score begins on the next page.

Chester Music Limited

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ELECTRONICS – technical requirements

Further information about the electronics for this work may be found at www.chesternovello.com. Please consult the work page on this site.

Equipment needed:

- Macintosh or PC computer equipped with an audio interface compatible with Max/MSP (e.g. Motu 828mkII; Motu 896; Digidesign DIGI002) to run a patch including stereo hard-disk playback of sound-files.
- the Max/MSP patch can include all reverberations and harmonizers
  Or
  Infinite reverberation (e.g. Lexicon PCM81or PCM91 or MPX110) – see *Appendix I* below for parameters
  General reverberation (e.g. Lexicon PCM81)
  Harmonizers (e.g. Yamaha SPX2000 or any dual pitch shifting device) – see *Appendix II* below for parameters
- MIDI interface (e.g. Motu Micro Lite USB) to connect a MIDI sustain pedal to the Macintosh/PC
- 1 to 3 sustain pedal (for Max triggering) connected to the Mac/PC through any MIDI keyboard or voltage to MIDI converting device (e.g. MIDI Solutions' Footswitch controller)
- Directional microphones, number depending on performance space and percussion set-up
- Mixer and stereo diffusion (possibly a return monitor for the percussionist)

Appendix I

Infinite reverberation (decay time controlled by envelope follower on input level)

The infinite reverberation (used with Lexicon LXP15 or PCM81, for example) is a program in which the reverberation time is constantly changed by the amplitude of the input signal. The general idea here is, the quieter the sound, the longer the reverb. The amplified instrumental sound should blend well with the reverberation sound, but nevertheless remain slightly in the foreground. A second reverberation should generally be used to soften the amplified instrumental sound and the infinite reverberation sound.

PCM81 parameters (start from Preset P3 1.9 Concert Hall)

Patch 0 src
Int Mono Lvl
Patch 0 Dst
Rvb Time Mid Rt
Patch 0 values
000 : 55.6 src
127 : 3.33

Appendix II

Harmonizers approximately a quarter tone above and below

The harmonizer should be set to produce microtonal pitch shifting, the transposition being about 50 cents (= ¼ step) on both sides of the input signal. If only one channel is available, the transposition is set one ¼ step upwards.

If an SPX90 is used as the harmonizer, select Programme 22 (pitch change B) and set the parameters as follows:
pitch 1 +0 / fine1 +45 cents/delay 1 20ms
pitch 2 +0/ fine2 –50 cents/delay 2 15ms

IMPORTANT NOTE: the information given above is correct as at December 2004, but please consult www.chesternovello.com for any developments since that time.

in memory of Toru Takemitsu

SIX JAPANESE GARDENS

Kaija Saariaho

I Tenju-an Garden of Nanzen-ji Temple

Molto calmo (♩ = c.54)

Triangle
Medium Suspended Cymbal
Crotales
Electronics

very even

Crickets, filtered voice

to end of Mov. I

18

Tri.
S. Cym.
Crot.
El.

Wood Block (hard plastic)

very even

Tambourine (hand)

36

W.B.
Tamb.
Crot.
El.

Log Drum

2 Gongs (hard yarn)

poco poco

Timpani

54

L.D.
Gongs
Timp.
El.

repeat ad lib.

IV Rock Garden of Ryoan-ji

Misterioso
sempre poco rubato
(♩ = c.54)
Calmo
Espressivo
very even
Small Cymbal
Gong
Log Drum
Zen Cymbals
Tam-tam
slightly touching each other
l.v.
sfz
mp
mf
p
V
filtered singing
to end of Mov. IV
Electronics

13
Poco furioso
Calmo
Poco a poco più agitato
Sm. Cym.
Gong
L. D.
Z. Cym.
Tam.
El.
slightly touching each other
pp
mf
f

23
sub. pp
mp
mf
f

30
p mf pp
Furioso
slightly touching each other
sfffz
f
Calando, rit.
mp
sfz
poco sfz