Michael KLINGBEIL

Signals

for string quartet, piano and electronic sounds

Notes

Strings:

strings should always play with a normal vibrato unless otherwise indicated

𝄫 𝄳 𝄲 ♯	3/4 tones flat, 1/4 tone flat, 1/4 tone sharp, 3/4 tones sharp
SP	sul ponticello
MSP	molto sul ponticello (sound is primarily overtones)
ST	sul tasto
PN	position normale
	increase bow pressure creating a scratch tone or “crushed” sound
	cancel scratch tone — resume normal bowing

Piano:

Use of the damper pedal is indicated with Ped. The pedal should remain down until the ✻ sign or until the next Ped. mark.

Electronics:

The pianist plays a keyboard which triggers various electronic sound events throughout the piece. The keyboard should be placed above the piano keys in place of the music rack (a substitute music rack will be required). **Only the bottom staff** of the keyboard part indicates the keys to be struck in order to trigger the electronic events. These keys serve as triggers only. There is no direct control over the duration of these events. Balance is maintained at the mixing console.

The top staff of the keyboard part sometimes indicates prominent pitches heard in the electronics. These are not to be played.

The electronics are configured to be played with a standard chromatic keyboard with a minimum of 61 keys ranging from C2 through C7.

The bottom keys from C2 through B5 (C4 = middle C) serve as event triggers.
The top key (C7) stops all sound.
C6 through B6 are used to change the configuration and load in the correct set of sounds for each section of the piece. Even though they produce no sound, the player must strike these keys at the appropriate point in the score. During rehearsal, these keys can be used to assure that the correct sounds are available during each section of the piece. For quick reference, the current key is always indicated at the beginning of each system of the keyboard staff.

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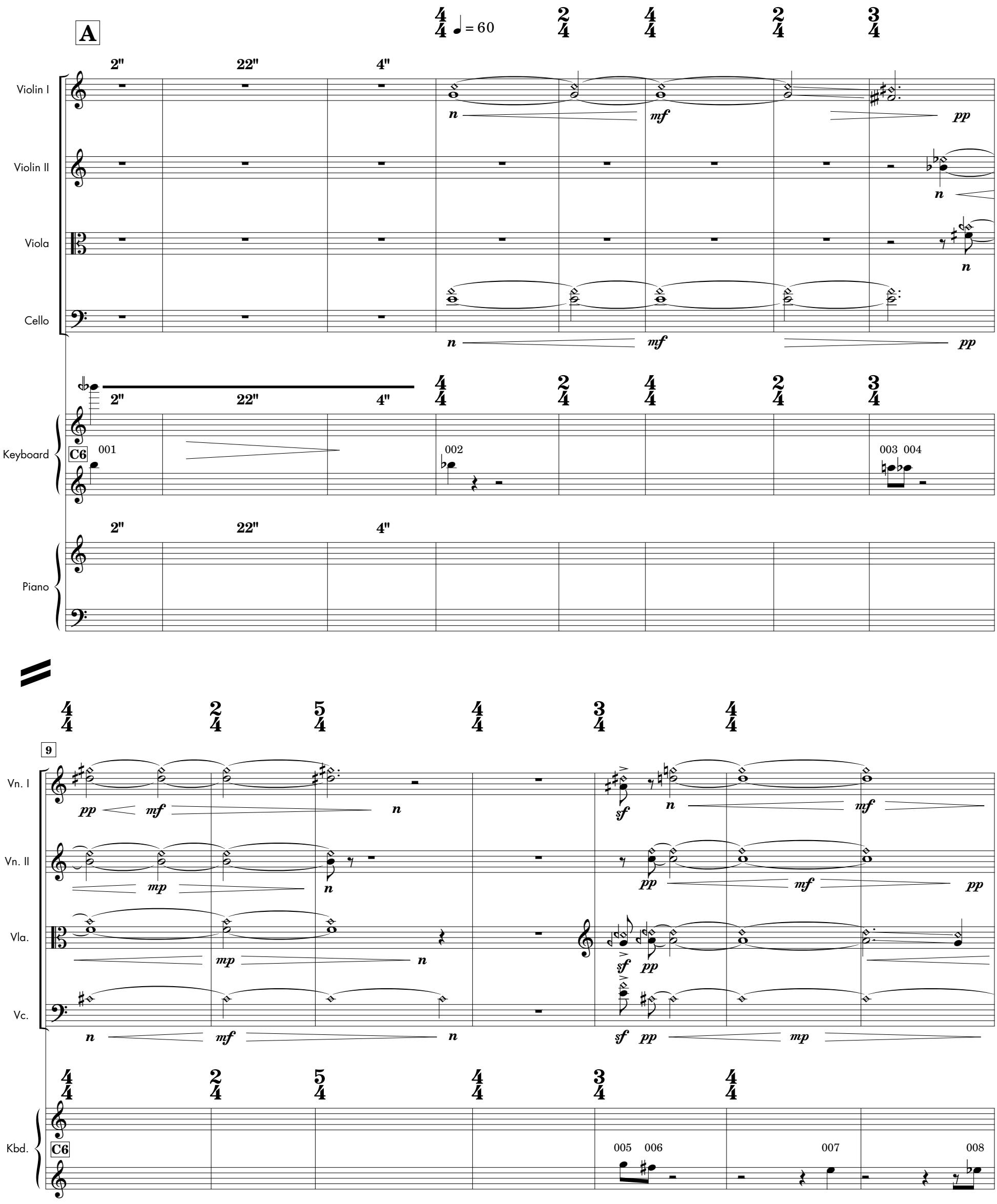

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16

Vn. I

Vn. II

Vla.

Vc.

Kbd.

C6

009 010 011 012

22

013 014 015 016

28

Vn. I

Vn. II

Vla.

Vc.

Kbd.

C6

PN

MSP

molto vib.

017

018

018

35

senza vib.

vib. normale

019

020

021

022

023

42

cutoff with elec.

B

ST

PN

MSP

Vn. I

Vn. II

Vla.

Vc.

Kbd.

C6

024 025 026 027 028 029 030 031

49

SP

espressivo

032 033 034 035 036

55

Vn. I

Vn. II

Vla.

Vc.

Kbd.

C6 037 038 039 040 041

61

C

C6 042 043 044 045 C♯6 046 047

66

Vn. I

Vn. II

Vla.

Vc.

Kbd.

C♯6

048 049 050 051

70

Vn. I

Vn. II

Vla.

Vc.

Kbd.

C♯6

052 053

Pno.

diminuendo

Ped.

73

Vn. I

Vn. II

Vla.

Vc.

Kbd.

C♯6

Pno.

Ped.

76

Vn. I

Vn. II

Vla.

Vc.

Kbd.

C♯6

Pno.

Ped.

81

Vn. I
Vn. II
Vla.
Vc.
Kbd.
Pno.

ST
PN
C♯6
056
057
058
059
Ped.

88

060
061
062
063
064