

# **CHORALE**

*for clarinet and electronics*

Stephen Spencer

2021

## **Performance Notes**

### **Electronic requirements**

The performance of the electronic part requires the following:

- A computer, running Max/MSP. The attached patch (“Main Patch.maxpat”) was built using Max 8.1.11, on Windows 10 (64 bit), but it will be compatible with earlier versions of the program running on other operating systems.
- A MIDI foot-pedal/sustain pedal, plugged into a MIDI device (see next).
- A MIDI device/keyboard to convert the pedal presses into MIDI (CC 64), plugged into the computer (e.g., via USB).
- An audio I/O device to send output from the computer to speakers.
- A microphone, to capture the sound of the clarinet. The clarinet signal should be mixed with the electronics using a mixing board. (The performer may also choose to route the clarinet through the Max patch instead, by checking the “Route input to output” box).
  - o A note on mixing: the electronic part is intended to be very quiet, and should never overpower the sound of the clarinet. The goal throughout should be to achieve a “fused” or “hybrid” timbre.

### **Notation**

- Foot pedal presses are indicated by numbers below the staff.
- To the extent possible, multiphonics should be played as “chords” (i.e., all component pitches should sound simultaneously).
- Multiphonic fingerings in the score are taken from Heather Roche’s online resource. The Heather Roche reference numbers of each multiphonic are as follows (in order of appearance): 028, 139, 153, 145, 204, 111, 203.
- Microtonal accidentals indicate quarter tones.

for Gleb Kanasevich

# Chorale

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♩ = 56

Cl. *p* *pp* *p*

1 2 3 4

*poco.*

Elec.

8

Cl. *mp* *p* *poco.*

5 6 7 8

♩ = 60

Elec.

16

Cl. *p* *mf* *p* *pp*

9 10 11 12 13

♩ = 72

add voice (lowest comfortable note)

Elec.

26

Cl. *p*

14 15 16

no voice add voice

Elec.

33 no voice add voice no voice

Cl. *ppp* sotto voce *p* *mp* *pp*

Elec.

(17) (18) (19)

40 ♩ = 76

Cl. *mf*

Elec.

(20) (21) (22) (23)

48 no voice

Cl. *pp* *p*

Elec.

(24) (25) (26)

56

Cl. *p*

Elec.

(27) (28) (29)

63

Cl. *mf* *p* *mf*

Elec. (30) (31) (32)

69

Cl. *p* *ppp* ♩ = 56

Elec. (33) (34) (35) (36)

77

Cl. *p* 8va

Elec. (37) (38) (39) (40) (41)

87

Cl. 8va

Elec. (42) (43) (44)