

Glass Coloured

Benjamin Tassie | 2023

For 3D-printed Renaissance Cornett and Ableton Live 11

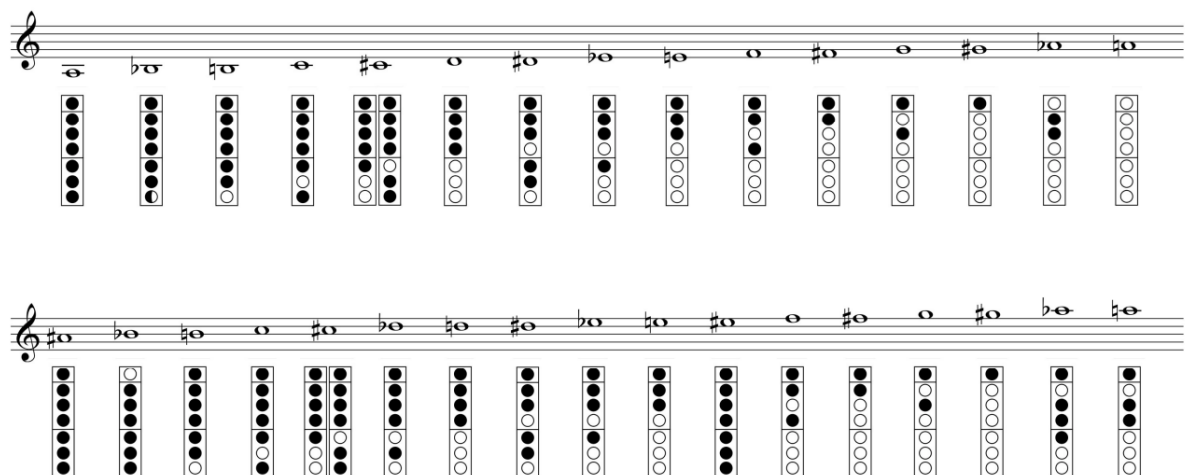
For Jamie Savan

Duration: c.12 minutes

Each movement uses a different live processing patch in Ableton Live 11. This live set is available from the composer. A 'PiezoBarrel' piezo pick-up should be inserted into the Cornett's neckpiece. The performer is to change processing 'patch' between movements. All sounds are produced live. No tape part or click track is required.

Tempos and rhythms should be quite free throughout; follow the electronics, responding expressively.

The tuning in 'Part One' is that of the natural overtone series over C \sharp and requires alternate fingerings in places. Deviation from 12-ET in cents is shown above the noteheads. In 'Part Two', all intervals within a phrase should be played as pure, Just Intonation fourths at the ratio 4:3. Again, alternate fingerings and pitch alterations using the lips are required. The tuning may then be 're-set' at the beginning of a new phrase. In 'Part Three', the tuning should be that of the Christ Church Cornett's enharmonic pitches using the fingering system, below.¹ Special care should be taken to maintain this tuning as against the electronics' E major sonority.



¹ Jamie Savan (2016), 'Unlocking the Mysteries of the Venetian Cornett: *ad imitar piu la voce humana*' *Historic Brass Society Journal*, 28. p47

Glass Coloured

for Jamie Savan

Benjamin Tassie

Maestoso

Ableton Patch 1

Part One

Cornett

f

Cor. 4

Cor. 9

Cor. 13

Cor. 18

Cor. 22

Cor. 27

Cor. 30

33
Cor. 

35
Cor. 

37
Cor. 

38
Cor. 

40
Cor. 

42
Cor. 

45
Cor. 

51
Cor. 

56
Cor. 

mp

61

Cor.

61 62 63 64 65 66 67

67

Cor.

67 68 69 70 71 72

72

Cor.

72 73 74 75 76 77

Part Two

Adagio

Audiogio

Ableton Patch 2

all fourths tuned as
purely as possible

re-set tuning

Cornett

p molto rubato

sempre

Cor.

[1]

Cor.

[1]

Cor.

[1]

Largo

Part Three

Ableton Patch 3

electronics LV
if req.

sempre

Cornett

10/4 8/4

mf *pp* *p cresc. poco a poco*

Cor.

3 6/4 4/4

mf *pp* *p cresc. poco a poco*

Cor.

6 6/4 5/4

mf *pp* *p cresc. poco a poco*

Cor.

9 7/4 6/4

mf *pp* *p cresc. poco a poco*

Cor.

12 6/4 3/4 + 4/4

mf *pp* *p cresc. poco a poco*

Cor.

14 5/4 4/4

mf *pp* *p cresc. poco a poco*

Cor.

17 4/4 3/4

mf *pp* *p cresc. poco a poco*

21Tempo I

Cor.

25

Cor.

B

p

28

Cor.

31

Cor.

34

Cor.

37

Cor.

Detailed description of the musical score: The score is for a Cornet (Cor.) part. It begins at measure 21 with a treble clef and a key signature of one flat (B-flat). The tempo is marked 'Tempo I'. The first system (measures 21-24) contains a triplet of eighth notes in measure 21, a half note in measure 22, a quarter note in measure 23, and a quarter note in measure 24. The second system (measures 25-27) starts with a triplet of eighth notes in measure 25, followed by a half note in measure 26 (marked with a box 'B' and dynamic 'p'), and a quarter note in measure 27. The third system (measures 28-30) features a half note in measure 28, a quarter note in measure 29, and a quarter note in measure 30. The fourth system (measures 31-33) includes a half note in measure 31, a quarter note in measure 32, and a quarter note in measure 33. The fifth system (measures 34-36) shows a half note in measure 34, a quarter note in measure 35, and a quarter note in measure 36. The sixth system (measures 37-37) consists of a single measure with a half note. The score concludes with a double bar line.