

# Percussion 4

## Music for Octet & Computer

*for trombone quartet, percussion quartet, and live computer*

by Cort Lippe

2012

**Commissioned for the 46<sup>th</sup> Annual Commissioned Composer Project by the  
University of Wisconsin, River Falls**

© 2012 Cort Lippe  
All International Rights Reserved

### **3 Tenor Trombones and 1 Bass Trombone** cup and plunger mutes

#### **Percussion Instrument List**

##### **Percussion 1**

small, medium and large suspended cymbals  
small suspended Chinese cymbal  
hi-hat  
medium bass drum  
26" and 29" timpanis  
vibraphone

##### **Percussion 2**

medium suspended cymbal  
medium-sized woodblock  
sleigh bells  
medium tambourine  
small, medium, and large toms  
medium bass drum  
23" timpani  
glockenspiel

##### **Percussion 3**

large suspended cymbal  
triangle  
small-sized woodblock  
rattle  
small, medium, and large toms  
snare drum  
32" timpani  
glockenspiel

##### **Percussion 4**

large bass drum  
snare drum  
orchestral chimes (tubular bells)  
large tam-tam  
20" timpani  
marimba

Accidentals hold throughout a measure unless cancelled by a natural sign.



Event marker in score for computer events.

#### **Electronics:**

- Each trombone should be amplified with 1 microphone.
- Each percussion set-up should be amplified with 2-4 microphones, depending on availability, etc.
- A reverb unit can be used in conjunction with amplification.
- A mono mix of the amplified (un-reverberated) ensemble should be sent (via a pre-fader aux send) to the computer input.
- The computer, running the software in Max/MSP should be output as a stereo mix.
- Sections can be rehearsed separately, and in any order. Events are triggered by the computer operator.
- See the Max/MSP computer patch for further instructions.

♩ = 120

I

1

bass drum  
soft stk.

Percussion 4

5

(sempre l.v. unless indicated)

A 10

15 B

20 bass drum med. stk. 25 C

senza decresc. (l.v.)

30

**D** 35

*pp* (*mp*) *ritardando trem...*

40 **E**

large tam med. stk. bass drum med. stk. large tam med. stk. snare drum hard stk.

*p* *fp* *p* *pp*

45 **F** 50

bass drum med. stk.

*p* *fp* *pp*

bass drum med. stk. 55

*fp* *accelerando trem...* *ritardando trem...* *f*

**G** 60

large tam med. stk.

*mf* *ff*

**H**  
65 large tam  
metal scraper large tam  
med. stk.

Musical notation for section H, measures 65-69. The top staff has rests, and the bottom staff has rests. A melodic line is written in the top staff starting at measure 65. Dynamics include *f* and *mf*.

70 **I**

Musical notation for section I, measures 70-74. The top staff has rests, and the bottom staff has rests. A melodic line is written in the top staff starting at measure 70. Dynamics include *f* and *mp*.

bass drum  
med. stk. 75

Musical notation for section J, measures 75-79. The top staff has rests, and the bottom staff has rests. A melodic line is written in the top staff starting at measure 75. Dynamics include *fp*, *accel. trem...*, and *f*.

snare drum  
hard stk. 80

Musical notation for section J, measures 80-84. The top staff has rests, and the bottom staff has rests. A melodic line is written in the top staff starting at measure 80. Dynamics include *pp* and *f*.

85 bass drum  
hard stk. **K** large tam  
hard stk.

Musical notation for section K, measures 85-89. The top staff has rests, and the bottom staff has rests. A melodic line is written in the top staff starting at measure 85. Dynamics include *f*.

4

90 (large tam hard stk.) bass drum soft stk.

*ff* *ppp* *p* *ppp*

95 bass drum hard stk. **L** bass drum soft stk.

*mf* *ppp*

100

*mp* *p* *mf* *f*

105 **M** large tam metal scraper

20" timp. hard stk.

*f* *f*

110 large tam med. stk.

chimes med. stk.

*f*

N

large tam  
metal scraper 115

mf

large tam  
med. stick 120

O

mf

mp

p

bass drum  
med. stk. 125

p

f

bass drum  
hard stk. P

large tam  
hard stk. 130

bass drum  
hard stk.

20" timp.  
hard stk. f

f

3

135 Q

ff

ff

5

6

large tam  
hard stk.

bass drum  
hard stk.

large tam  
hard stk.

*f*

140

R

snare 145

S

(b.d)

(tam)

150

(snare)

*mf*

*mp*

*p*

*pp*



155 **T**

marimba  
soft stk.

*mp*

160

*ppp*

**U** 165

*p*

bass drum  
soft stk.

*p*

large tam  
soft stk.

170

*p*

Percussion 4  
(marimba)

The musical score for Percussion 4 (marimba) is written in 4/4 time with a tempo of 120 beats per minute. The piece is marked with a Roman numeral II. The score consists of eight staves of music. The first staff begins with a dynamic of *f* and includes accents and slurs. The second staff features a dynamic of *mf* and a measure rest. The third staff includes triplets and a dynamic of *mp*. The fourth staff contains a trill (*tr*) and dynamics of *f*, *f*, *mp*, *f*, and *mp*. The fifth staff starts with *f* and includes dynamics of *f*, *mp*, *f*, *mp*, and *mp*. The sixth staff has a dynamic of *f* and includes a triplet. The seventh staff begins with *mf* and includes triplets. The eighth staff starts with *mp*. The score concludes with a double bar line.

Musical staff 1: Treble clef, starting with a rest. Contains eighth notes with accents and a measure starting at measure 25 with a flat key signature change.

Musical staff 2: Treble clef, starting with a forte (*f*) dynamic marking. Contains eighth notes with accents and a measure with a sharp key signature change.

Musical staff 3: Treble clef, containing eighth notes with accents and a measure with a sharp key signature change. A crescendo hairpin leads to a mezzo-forte (*mf*) dynamic marking.

Musical staff 4: Treble clef, containing eighth notes with accents. A decrescendo hairpin leads to a forte (*f*) dynamic marking.

Musical staff 5: Treble clef, starting at measure 30. Contains eighth notes with a sharp key signature change and a rest.

Musical staff 6: Treble clef, containing eighth notes with a five-finger fingering (*5*) and a sharp key signature change.

Musical staff 7: Treble clef, containing eighth notes with a five-finger (*5*) and a triplet (*3*) fingering. A mezzo-piano (*mp*) dynamic marking is present.

Musical staff 8: Treble clef, starting with a mezzo-forte (*mf*) dynamic marking. Contains eighth notes with a triplet (*3*) fingering and a forte (*f*) dynamic marking.

Musical score for page 10, consisting of eight staves of music. The score is written in treble clef and includes various dynamics and articulations. The first staff begins with a treble clef and contains a series of eighth notes with accents. The second staff features a treble clef and includes a five-fingered scale (marked '5') with a slur. The third staff starts with a treble clef and a fortissimo (*ff*) dynamic, followed by a five-fingered scale (marked '5') with a slur. The fourth staff begins with a treble clef and a forte (*f*) dynamic, ending with a triplet (marked '3'). The fifth staff starts with a treble clef and a mezzo-forte (*mf*) dynamic, featuring a triplet (marked '3'). The sixth staff continues with a treble clef and a forte (*f*) dynamic, showing a series of eighth notes with accents. The seventh staff features a treble clef and a forte (*f*) dynamic, with a series of eighth notes and a slur. The eighth staff begins with a treble clef and a fortissimo (*ff*) dynamic, including a triplet (marked '3') and a slur. The score concludes with a double bar line and a fermata.

# III

11

$\text{♩} = 100$  *Lightly*

*accel. un poco..*

*rit. un poco...*

*a tempo*

Percussion 4

(sempre l.v. unless indicated)  
marimba

*mf* *f* *mf*

5

*f*

A

10

*f*

15 B

*mp* *mf*

*rit...*

Musical notation for the first system, featuring a treble clef and a bass clef. The bass line contains several notes with accidentals and rests, while the treble line is mostly empty with some rests.

*a tempo* 20

Musical notation for the second system, featuring a treble clef and a bass clef. The bass line has a melodic line with a slur and a crescendo hairpin. The treble line has rests.

*mf* 5 *f*

**C** *tr*

Musical notation for the third system, featuring a treble clef and a bass clef. The treble line has a trill over a note. The bass line has a simple accompaniment.

Empty musical notation for the fourth system, showing a treble clef and a bass clef.

25

*mp*

5 6 6 6 6

Detailed description: This system contains five measures of music in the bass clef. The first measure starts with a dynamic marking of *mp*. The notes are: G2, A2, B2, C3, D3, E3, F3, G3, A3, B3, C4, D4, E4, F4, G4, A4, B4, C5. The first two measures have a '5' and '6' respectively under the first notes. The last three measures have a '6' under the first notes. There are slurs over the first two notes of each measure.

D 30

*ff* *mf* *mf*

3

Detailed description: This system contains five measures. Measure 30 has a dynamic marking of *ff* and an accent (>) over the first note. Measure 31 has a dynamic marking of *mf*. Measure 32 is empty. Measure 33 has a dynamic marking of *mf* and a slur over the first two notes. Measure 34 has a dynamic marking of *mf* and a '3' under the first note. There are slurs over the first two notes of measures 30, 33, and 34.

*accel...* *a tempo*

*f*

3 3 3 3 3

Detailed description: This system contains five measures. The first measure has a dynamic marking of *f*. The notes are: G2, A2, B2, C3, D3, E3, F3, G3, A3, B3, C4, D4, E4, F4, G4, A4, B4, C5. The first three measures have a '3' under the first notes. The last two measures have a '3' under the first notes. There are slurs over the first two notes of each measure.

35 E

*mf*

3 6 6

Detailed description: This system contains five measures. Measure 40 has a dynamic marking of *mf* and an accent (>) over the first note. The notes are: G2, A2, B2, C3, D3, E3, F3, G3, A3, B3, C4, D4, E4, F4, G4, A4, B4, C5. The first measure has a '3' under the first notes. The second and third measures have a '6' under the first notes. The last measure has a '3' under the first note. There are slurs over the first two notes of each measure.

40

Musical notation for measures 38-40. Measure 38 has a whole rest in both staves. Measure 39 has a whole rest in both staves. Measure 40 has a whole rest in the treble staff and a half note G4 with a flat in the bass staff, marked *mf*.

*rit...*

**F**

Musical notation for measures 41-43. Measure 41 has a triplet of eighth notes in the bass staff. Measure 42 has a triplet of eighth notes in the bass staff. Measure 43 has a triplet of eighth notes in the bass staff. Dynamics are *pp*, *mf*, and *p*.

45 *a tempo*

Musical notation for measures 44-46. Measure 44 has a triplet of eighth notes in the bass staff. Measure 45 has a triplet of eighth notes in the bass staff. Measure 46 has a quarter note G4 with a flat and a quarter note F4 with a flat, marked *f* and *ff*.

50

Musical notation for measures 47-49. Measure 47 has a whole rest in both staves. Measure 48 has a whole rest in both staves. Measure 49 has a whole rest in both staves.



**G** 55

3 *mf* *f* *p* *f*

**H** 60

*rall. poco a poco trem...*  
*p*

**I** 65

*sempre rall. poco a poco trem...*  
3 3 3 3 3

**J** 70

small size wood blk.  
*p*

75 80 K

85

L 90

95 M

100

*p* *mp* *f* *3* *5*

This system contains measures 100 through 104. The right hand has a melodic line starting with a dotted quarter note, followed by eighth notes. The left hand has a bass line with a dotted quarter note, followed by eighth notes and a triplet of eighth notes. Dynamics include *p*, *mp*, and *f*. There are also markings for a triplet of 3 and a fingering of 5.

N 105

*p* *f* *mp*

This system contains measures 105 through 109. The right hand has whole notes. The left hand has a bass line with a dotted quarter note, followed by whole notes. Dynamics include *p*, *f*, and *mp*.

O 110

*p* *p* *f* *mf* *f*

This system contains measures 110 through 114. The right hand has a melodic line starting with a dotted quarter note, followed by eighth notes. The left hand has a bass line with a dotted quarter note, followed by whole notes. Dynamics include *p*, *p*, *f*, *mf*, and *f*.

*accel. poco a poco...*

*mf* *mf* *f*

This system contains measures 115 through 119. The right hand has a melodic line starting with a dotted quarter note, followed by eighth notes. The left hand has a bass line with eighth notes, followed by whole notes. Dynamics include *mf*, *mf*, and *f*. The instruction *accel. poco a poco...* is written above the staff.

18

115

**P**

Musical notation for measures 115 and 116. Measure 115: Treble clef has a whole rest; Bass clef has a quarter note G4 with an accent (>) and a forte (*f*) dynamic, followed by eighth notes A4, B4, C5, B4, A4. Measure 116: Treble clef has a quarter rest followed by a triplet of eighth notes G4, A4, B4 with a forte (*f*) dynamic; Bass clef has a quarter note G4 with an accent (>) and a forte (*f*) dynamic, followed by eighth notes A4, B4, C5, B4, A4.

Musical notation for measures 117 and 118. Measure 117: Treble clef has a whole rest; Bass clef has a quarter note G4 with an accent (>) and a forte (*f*) dynamic, followed by eighth notes A4, B4, C5, B4, A4. Measure 118: Treble clef has a whole rest; Bass clef has a quarter note G4 with an accent (>) and a forte (*f*) dynamic, followed by eighth notes A4, B4, C5, B4, A4.

120

Musical notation for measures 119 and 120. Measure 119: Treble clef has quarter notes G4, A4, B4 with accents (>) and a forte (*f*) dynamic; Bass clef has a whole rest. Measure 120: Treble clef has a triplet of eighth notes G4, A4, B4 with a forte (*f*) dynamic, followed by a quarter note G4 with an accent (>) and a forte (*f*) dynamic; Bass clef has a quarter note G4 with an accent (>) and a forte (*f*) dynamic, followed by eighth notes A4, B4, C5, B4, A4.

♩ = 110

Musical notation for measures 121 and 122. Measure 121: Treble clef has quarter notes G4, A4 with accents (>) and a forte (*f*) dynamic, followed by a triplet of eighth notes G4, A4, B4 with a forte (*f*) dynamic; Bass clef has a triplet of eighth notes G4, A4, B4 with a forte (*f*) dynamic, followed by a quarter note G4 with an accent (>) and a forte (*f*) dynamic. Measure 122: Treble clef has a whole rest; Bass clef has a quarter note G4 with an accent (>) and a forte (*f*) dynamic, followed by eighth notes A4, B4, C5, B4, A4.

IV

$\text{♩} = 50$  *accel...*

Percussion 4

A  $\text{♩} = 60$  (rim-shot)

5 snare *f*

$\text{♩} = 50$  B *ff* *accel...*

6 10

C  $\text{♩} = 60$  large tam. hard stk. *p* *ff* *f* D

snare 15 3 3

tam med. stk. *rall... 20* **E**  $\text{♩} = 50$  med. cym. soft stk.

*mp* *p*

large tam. soft stk. *3* 25

chimes hard stk. *p*

*p*

**F** 30

*accel...* **G** 35

*cresc. poco a poco...*

**H**  $\text{♩} = 60$  40

*sempre cresc. poco a poco...*

*fff* *ff*

**I** tam. med. stk. 45

*f*

bass drum,  
med. stk.

**J** 50

*ff* *f*

*f*

**K** 3

*cresc. poco a poco...*

55

3 3 L

*ff*

*ff*

60

*decresc. poco a poco...*

3 3

*f*

*mf*

*p*

*deces. until electronics fade completely*