

Invisible Cities (i):

ZAIRA

for Ensemble Mosaik

Josiah Wolf Oberholtzer (1984)

A

$\text{3}\over{8}$ ♩ = 72

$\text{2}\over{4}$

Flute

Oboe

Clarinet in E-flat

Metals

Woods

Drums

Piano

Violin

Viola

Cello

B

9

$\frac{5}{16}$ ♩ = 48

$\frac{2}{4}$

$\frac{3}{8}$

$\frac{5}{16}$

$\frac{4}{4}$

Fl.

Ob.

Cl. E-flat

Metals

Woods

Drums

Pf.

Vn.

Va.

Vc.

keyclick

ppp

p

pp

7:6

ppp

p

6:5

pp

ppp

5:4

pp

ppp

6:5

ppp

7:6

fff

ppp

p

f

fff

ppp

p

pp

ppp

5:3

p

6:5

ppp

f

7:6

Fl.

Ob.

Cl. E-flat

Metals

Woods

Drums

Pf.

Vn.

Va.

Vc.

keyclick

3:2

5:4

ppp

p

pp

7:6

6:5

ppp

p

pp

5:4

p

(prepared)

15

pp

ppp

3:2

7:6

p

f

(prepared)

15

p

pp

f

7:6

$\frac{5}{8}$
 $\frac{3}{8}$
 $\frac{3}{4}$
 $\frac{5}{16}$
 $\frac{6}{8}$

Fl.
Ob.
Cl. E-flat

Metals
Woods
Drums

Pf.
Vn.
Va.
Vc.

Flute (Fl.): Measures 18-19 feature keyclicks with ratios 3:2 (p) and 5:4 (pp, ppp). Measure 20 has a keyclick (pp). Measures 21-22 are rests.

Oboe (Ob.): Measure 18 has a keyclick (p). Measure 19 has a keyclick (p) with ratio 4:3. Measure 20 has a keyclick (pp). Measures 21-22 are rests.

Clarinet E-flat (Cl. E-flat): Measures 18-19 have keyclicks (pp, ppp) with ratios 7:5 and 6:5. Measures 20-22 are rests.

Metals: Measures 18-19 have sustained notes. Measure 20 has a sustained note. Measure 21 has a sustained note. Measure 22 has a sustained note.

Woods: Measures 18-22 are rests.

Drums: Measures 18-19 have sustained notes. Measure 20 has a sustained note. Measure 21 has a sustained note. Measure 22 has a sustained note.

Piano (Pf.): Measure 18 has a forte (f) chord. Measures 19-20 have a prepared piano section with ratios 7:6 (ppp, p) and 7:6 (pp). Measure 21 has a forte (f) chord with ratio 5:4 (p). Measure 22 has a forte (f) chord with ratios 3:2 and 3:2 (p).

Violin (Vn.): Measures 18-22 are rests.

Viola (Va.): Measures 18-22 are rests.

Violoncello (Vc.): Measures 18-22 are rests.

The musical score for "The Great Wall" by John Adams is a complex orchestral work. It features a large ensemble of instruments, including Flute (Fl.), Oboe (Ob.), Clarinet in E-flat (Cl. E-flat), Metals, Woods, Drums, Piano (Pf.), Violin (Vn.), Viola (Va.), and Violoncello (Vc.). The score is written in 4/4 time and includes various musical notations such as keyclicks, dynamics (ppp, p, f), and ratios (4:3, 7:6, 5:3, 6:5, 5:4, 3:2). The score is divided into measures, with some measures containing multiple staves for different instruments. The score is written in a standard musical notation style, with notes, rests, and other musical symbols. The score is a full orchestral score, and it is a complex work that requires a large ensemble of instruments to perform.

C

29

$\frac{2}{4}$ ♩ = 72

$\frac{3}{8}$

$\frac{5}{16}$

$\frac{4}{4}$

$\frac{3}{8}$

$\frac{5}{16}$

Fl. *shaker* *ppp*

Ob. *mp*

Cl. E-flat *mf* *pp* *shaker* *5:4* *ppp* *mp* *5:4* *ppp* *5:4* *p*

Metals *fff*

Woods *mf* *mp*

Drums *fff*

Pf. *slow* *guero* *fff* *mf* *p* *f* *ppp* *slow* *guero* *mp* *fast* *guero* *mp*

Vn. *shaker* *p* *3:2*

Va. *shaker* *ppp*

Vc. *ppp*

7:6 *mf* *shaker* *ppp* *5:4* *p* *3:2* *mf* *mp* *5:4* *mf* *shaker* *pp* *6:5* *shaker* *p* *3:2* *pp* *ppp*

Fl.

Ob.

Cl. E-flat

Metals

Woods

Drums

Pf.

Vn.

Va.

Vc.

shaker

pp

mf

5:4

mf

5:4

pp

3:2

mf

4:3

mf

6:5

pp

4:3

pp

mf

guero

fast

mf

7:6

f

pp

slow

guero

mf

3:2

p

3:2

ppp

pp

shaker

ppp

6:5

shaker

pp

7:6

ppp

3:2

p

39 3/8 4/4 5/16 3/8 2/4

Fl.

Ob.

Cl. E-flat

Metals

Woods

Drums

PF

Vn.

Va.

Vc.

shaker

mp

mf

pp

6:5

7:6

5:4

slow

guero

fast

pp

3:2

6:5

shaker

pp

5:3

4:3

5:4

shaker

ppp

p

ppp

f

3:2

5:4

slow

guero

mf

This musical score is for the piece "The Guero" by John Adams. It is a full orchestral score with the following instruments and parts:

- Fl.** (Flute): Features a melodic line in the first measure, marked *mf*, and a rhythmic pattern in the second measure, marked *p* and *pp* with a 4:3 ratio.
- Ob.** (Oboe): Features a melodic line in the first measure, marked *mf*, and a rhythmic pattern in the second measure, marked *mp*.
- Cl. E-flat** (Clarinet in E-flat): Features a melodic line in the first measure, marked *mf*, and a rhythmic pattern in the second measure, marked *ppp* and *p* with a 5:4 ratio.
- Metals** (Metals): Features a melodic line in the first measure, marked *mf*, and a rhythmic pattern in the second measure, marked *mp*.
- Woods** (Woods): Features a melodic line in the first measure, marked *mf*, and a rhythmic pattern in the second measure, marked *mp*.
- Drums** (Drums): Features a melodic line in the first measure, marked *mf*, and a rhythmic pattern in the second measure, marked *mp*.
- Pf.** (Piano): Features a melodic line in the first measure, marked *mf*, and a rhythmic pattern in the second measure, marked *p* and *pp* with a 5:4 ratio.
- Vn.** (Violin): Features a melodic line in the first measure, marked *mf*, and a rhythmic pattern in the second measure, marked *pp* and *ppp* with a 5:4 ratio.
- Va.** (Viola): Features a melodic line in the first measure, marked *mf*, and a rhythmic pattern in the second measure, marked *pp* and *ppp* with a 5:4 ratio.
- Vc.** (Violoncello): Features a melodic line in the first measure, marked *mf*, and a rhythmic pattern in the second measure, marked *pp* and *ppp* with a 5:4 ratio.

The score includes various dynamic markings such as *mf* (mezzo-forte), *p* (piano), *pp* (pianissimo), *ppp* (pianississimo), and *mp* (mezzo-piano). It also includes tempo markings like *fast* and *slow*, and performance instructions like *guero* and *shaker*. The score is written in 4/4 time and is in the key of G major.

D

(50)

$\frac{4}{4}$ ♩ = 48

24

3

150

[illegible]

The image displays a page from a musical score for "The Great Wall" by John Adams. The score is written for a large ensemble, including a full orchestra and piano. The notation is spread across multiple staves, with instruments grouped into systems. The first system includes Flute (Fl.), Oboe (Ob.), Clarinet in E-flat (Cl. E-flat), Metals, Woods, Drums, Piano (Pf.), Violin (Vn.), Viola (Va.), and Violoncello (Vc.). The second system continues the orchestration with similar instruments. The score features various musical notations, including notes, rests, dynamics (pp, ppp, mp, mf, fff), articulation (accents, slurs), and performance instructions like "keyclick" and "prepared". The piano part (Pf.) is particularly detailed, showing complex rhythmic patterns and dynamic markings. The overall style is characteristic of contemporary classical music, with a focus on texture and timbre.

6

5

3

4

Fl.

Ob.

Cl. E-flat

Metals

Woods

Drums

Pf.

Vn.

Va.

Vc.

keyclick

mp

mf

p

slow

guero

ppp

pp

ppp

3:2

5:4

7:6

6:5

7:6

7:6

pp

ppp

Fl.

Ob.

Cl. E-flat

Metals

Woods

Drums

Pf.

Vn.

Va.

Vc.

keyclick

7:6

pp

7:6

ppp

mf

ppp

6:5

p

mp

mf

keyclick

ppp

p

pp

5:4

ppp

mp

keyclick

9:8

p

pp

mf

mp

keyclick

ppp

p

mf

5:4

mp

6:5

p

4:3

pp

mp

pp

6:5

ppp

5:4

ppp

9:8

p

pp

4:3

ppp

(prepared)

p

ppp

(prepared)

p

Fl.

Ob.

Cl. E-flat

Metals

Woods

Drums

Pf.

Vn.

Va.

Vc.

keyclick

5:4

3:2

mf

pp

6:5

ppp

mp

5:4

mf

3:2

ppp

p

4:3

5:3

pp

7:6

ppp

p

3:2

mp

5:4

p

3:2

pp

ppp

mf

7:6

ppp

slow

guero

mp

(prepared)

pp

4:3

ppp

5:4

pp

9:8

ppp

Fl.

Ob.

Cl. E-flat

Metals

Woods

Drums

Pf.

Vn.

Va.

Vc.

keyclick

p

pp

mf

mp

4:3

6:5

5:4

3:2

9:8

5:4

fast

guero

slow

guero

(prepared).

15

3:2

p

[illegible]

Fl.

Ob.

Cl. E-flat

Metals

Woods

Drums

Pf.

Vn.

Va.

Vc.

mf

mp

mf

pp

ppp

p

f

3:2

5:4

6:5

7:5

4:3

keyclick

slow

guero

18

Fl. *shaker* *ppp*

Ob. *keyclick* *ppp* 7:5 *p* *keyclick* *p* *pp* *keyclick* *ppp* 3:2 *p*

Cl. E-flat *keyclick* *ppp* 7:6 *pp* *ppp* *keyclick* *ppp* *shaker* *ppp* 3:2 *p* *keyclick* *p*

Metals *brush* *ppp* *f* *p*

Woods

Drums *brush* *f* *pp* *p* *f* *ppp* *f*

Pf. *p* *pp* *ppp*

Vn. *shaker* *pp* 4:3 *ppp*

Va. *shaker* *pp* 4:3 *ppp* *shaker* *ppp*

Vc.

Fl.

Ob.

Cl. E-flat

Metals

Woods

Drums

Pf.

Vn.

Va.

Vc.

keyclick

shaker

superball

brush

pp

ppp

p

f

7:5

7:6

9:8

5:3

4:3

3:2

4:3

106

3/8

4/4

3/8

4/4

Fl.

Ob.

Cl. E-flat

Metals

Woods

Drums

Pf.

Vn.

Va.

Vc.

shaker

keyclick

superbomb

brush

pp

p

f

ppp

3:2

7:6

[illegible]

This musical score is for the piece "The Great Wall" by David Lang. It is a full orchestral score with various instruments and percussion. The score is written in 4/4 time and is in the key of D major. The instruments included are Flute (Fl.), Oboe (Ob.), Clarinet in E-flat (Cl. E-flat), Metals, Woods, Drums, Piano (Pf.), Violin (Vn.), Viola (Va.), and Violoncello (Vc.). The score is divided into four measures. The first measure features a Flute solo with a 5:3 ratio and a piano (p) dynamic. The second measure features a Violoncello solo with a 4:3 ratio and a piano (p) dynamic. The third measure features a Violin solo with a 5:4 ratio and a piano (p) dynamic. The fourth measure features a Viola solo with a 3:2 ratio and a piano (p) dynamic. The percussion section includes a variety of instruments such as shakers, brushes, superballs, and keyclicks, with dynamics ranging from piano (p) to fortissimo (f). The score is written in a standard musical notation style, with notes, rests, and dynamic markings clearly visible.

F₂

120

3

5
16

3

$\text{♩} = 48$

44

This musical score is for the piece "The Great Wall" by John Adams. It is a full orchestral score with various instruments and percussion. The score is written in 4/4 time and is in the key of D major. The instruments included are Flute (Fl.), Oboe (Ob.), Clarinet in E-flat (Cl. E-flat), Metals (Cymbals, Snare, and Tom-toms), Woods (Flute, Oboe, and Clarinet), Drums (Cymbals, Snare, and Tom-toms), Piano (Pf.), Violin (Vn.), Viola (Va.), and Violoncello (Vc.). The score is divided into measures, with some measures containing multiple staves for different instruments. The score includes various musical notations such as notes, rests, and dynamic markings (ppp, p, f). The score also includes performance instructions for percussion instruments, such as "brush" and "superball". The score is written in a standard musical notation style, with a key signature of one sharp (F#) and a time signature of 4/4.

[illegible]

Fl.

Ob.

Cl. E-flat

Metals

Woods

Drums

Pf.

Vn.

Va.

Vc.

shaker

brush

superball

pp

p

ppp

4:3

5:3

Red.

27

This image shows a page from a musical score, likely for a symphony orchestra. The score is written for the following instruments:

- Fl. (Flute)
- Ob. (Oboe)
- Cl. E-flat (Clarinet in E-flat)
- Metals (Metals section)
- Woods (Woods section)
- Drums (Drums)
- Pf. (Piano)
- Vn. (Violin)
- Va. (Viola)
- Vc. (Violoncello)

The score is written in a single system, with each instrument having its own staff. The notation includes various musical symbols, such as notes, rests, and dynamic markings (e.g., *p*, *pp*). The score is divided into measures by vertical bar lines. The piano part (Pf.) is written in a grand staff, with a treble and bass clef. The violin (Vn.) and viola (Va.) parts are written in a single staff with a treble clef. The violoncello (Vc.) part is written in a single staff with a bass clef. The drums part is written in a single staff with a single line. The metals and woods parts are written in a single staff with a single line. The flute, oboe, and clarinet parts are written in a single staff with a treble clef. The piano part (Pf.) includes dynamic markings such as *p* (piano) and *pp* (pianissimo). The piano part also includes a 4:3 ratio marking. The violin part (Vn.) includes a 3:2 ratio marking. The viola part (Va.) includes a 3:2 ratio marking. The violoncello part (Vc.) includes a 3:2 ratio marking. The drums part includes a 4:3 ratio marking. The metals and woods parts include a 4:3 ratio marking. The flute, oboe, and clarinet parts include a 4:3 ratio marking. The piano part (Pf.) includes a 4:3 ratio marking. The violin part (Vn.) includes a 3:2 ratio marking. The viola part (Va.) includes a 3:2 ratio marking. The violoncello part (Vc.) includes a 3:2 ratio marking. The drums part includes a 4:3 ratio marking. The metals and woods parts include a 4:3 ratio marking. The flute, oboe, and clarinet parts include a 4:3 ratio marking.

29

Fl.

Ob.

Cl. E-flat

Metals

Woods

Drums

Pf.

Vn.

Va.

Vc.

pp

ppp

p

ppp

p

6:5

This musical score is for the piece "The Great Wall" by David Lang. It is a full orchestral score with multiple staves for different instruments and percussion. The score is written in 2/4 time and features a variety of musical notations, including dynamics, articulation, and performance instructions.

The instruments and parts included are:

- Fl. (Flute)
- Ob. (Oboe)
- Cl. E-flat (Clarinet in E-flat)
- Metals (Metals)
- Woods (Woods)
- Drums (Drums)
- Pf. (Piano)
- Vn. (Violin)
- Va. (Viola)
- Vc. (Violoncello)

The score is divided into three measures. The first measure features a complex arrangement of notes and rests, with dynamics ranging from *pp* (pianissimo) to *f* (forte). The second measure continues the musical development, with a variety of articulation marks and performance instructions. The third measure concludes the piece, with a final dynamic of *pp*.

Key performance instructions and markings include:

- shaker* (shaker)
- keyclick* (keyclick)
- 6:5* (6:5)
- pp* (pianissimo)
- mf* (mezzo-forte)
- mp* (mezzo-piano)
- p* (piano)
- f* (forte)
- ppp* (pianississimo)
- slow* (slow)
- guero* (guero)
- fast* (fast)
- shaker* (shaker)

Fl.

Ob.

Cl. E-flat

Metals

Woods

Drums

Pf.

Vn.

Va.

Vc.

shaker

keyclick

pp

ppp

mf

mp

f

p

(prepared)

7:5

9:8

3:2

7:6

4:3

8:7

6:5

5:4

This musical score is for the piece "The Great Wall" by John Williams. It is a full orchestral score with the following instruments and parts:

- Fl.** (Flute): Features a melodic line in the first system, marked *mp* and *mf*, with a 4:3 ratio.
- Ob.** (Oboe): Features a melodic line in the first system, marked *ppp* and *p*, with a 5:3 ratio.
- E-flat** (E-flat instrument): Features a melodic line in the first system, marked *ppp* and *p*, with a 7:6 ratio.
- Metals** (Metal percussion): Features a melodic line in the first system, marked *ppp* and *p*, with a 7:6 ratio.
- Woods** (Wood percussion): Features a melodic line in the first system, marked *ppp* and *p*, with a 7:6 ratio.
- Drums** (Drum): Features a melodic line in the first system, marked *ppp* and *p*, with a 7:6 ratio.
- Pf.** (Piano): Features a melodic line in the first system, marked *mp* and *mf*, with a 7:6 ratio.
- Vn.** (Violin): Features a melodic line in the first system, marked *ppp* and *p*, with a 5:3 ratio.
- Va.** (Viola): Features a melodic line in the first system, marked *ppp* and *p*, with a 5:3 ratio.
- Vc.** (Violoncello): Features a melodic line in the first system, marked *ppp* and *p*, with a 5:3 ratio.

The score is divided into two systems. The first system covers measures 1 through 10, and the second system covers measures 11 through 20. The tempo is marked *slow* and the mood is *guero*. The score includes various musical notations such as notes, rests, and dynamic markings.

Fl.

Ob.

Cl. E-flat

Metals

Woods

Drums

Pf.

Vn.

Va.

Vc.

shaker

superball

brush

ppp

pp

p

mp

pp

ppp

5:3

Red.

This musical score is for the piece "The Great Wall" by John Williams. It is a full orchestral score, including parts for Flute (Fl.), Oboe (Ob.), Clarinet in E-flat (Cl. E-flat), Metals (Percussion), Woods (Percussion), Drums, Piano (Pf.), Violoncello (Vn.), Viola (Va.), and Violone (Vc.). The score is divided into four measures. The first measure shows the initial setup with various instruments. The second measure features a prominent brass section (Metals) playing a rhythmic pattern, with a "brush" effect indicated. The third measure shows a more complex arrangement with multiple instruments, including a "shaker" and "superball" effects. The fourth measure continues the orchestral texture. The score is written in a standard musical notation style, with various dynamics (pp, p, mf, mp) and articulations (accents, slurs) used throughout.

This page of a musical score is for a symphony orchestra. It includes staves for the following instruments: Flute (Fl.), Oboe (Ob.), Clarinet in E-flat (Cl. E-flat), Metals, Woods, Drums, Piano (Pf.), Violin (Vn.), Viola (Va.), and Violoncello (Vc.).

The score is written in 3/4 time. The key signature has one flat (B-flat). The tempo is marked "Allegretto".

The score includes various musical notations such as notes, rests, and dynamic markings like *ppp*, *p*, *pp*, *mp*, and *mf*. It also features performance instructions like "shaker", "superball", and "brush".

The score is divided into measures by vertical bar lines. The measures are numbered 1 through 10. The score ends with a double bar line and a repeat sign.

This musical score is for the piece "The Great Wall" by John Williams. It is a full orchestral score with the following instruments and parts:

- Fl.** (Flute): Features a melodic line in the third measure, marked *p* (piano) with a 5:3 ratio.
- Ob.** (Oboe): Remains silent throughout the piece.
- Cl. E-flat** (Clarinet in E-flat): Features a melodic line in the third measure, marked *p* (piano) with a 5:3 ratio.
- Metals** (Percussion): Includes a *brush* in the first measure (*ppp*), a *superball* in the third measure (*pp*), and another *brush* in the fourth measure (*p*). A *superball* is also indicated in the fifth measure.
- Woods** (Percussion): Features a melodic line in the third measure, marked *mf* (mezzo-forte) with a 5:3 ratio.
- Drums** (Percussion): Features a melodic line in the third measure, marked *mf* (mezzo-forte), and a melodic line in the fifth measure, marked *mp* (mezzo-piano) with a 7:5 ratio.
- Pf.** (Piano): Features a complex melodic line in the first measure, marked *ppp* (pianissimo), and a melodic line in the third measure, marked *p* (piano).
- Vn.** (Violin): Features a melodic line in the third measure, marked *ppp* (pianissimo) with a 4:3 ratio.
- Va.** (Viola): Features a melodic line in the third measure, marked *pp* (piano) with a 4:3 ratio.
- Vc.** (Violoncello): Remains silent throughout the piece.

The score is written in 2/4 time and consists of five measures. The first measure is marked *ppp* (pianissimo). The second measure is marked *mf* (mezzo-forte). The third measure is marked *p* (piano). The fourth measure is marked *p* (piano). The fifth measure is marked *mp* (mezzo-piano).

Fl. *shaker* *pp*

Ob.

Cl. E-flat *shaker* *pp* 3:2 *shaker* 4:3 *ppp*

Metals *superball* *p* *pp* *superball*

Woods *mp*

Drums

Pf. *pp*

Vn. *shaker* *p* *shaker* 4:3 *pp*

Va. *shaker* *ppp*

Vc.

J

$\frac{3}{8}$ ♩ = 48

$\frac{2}{4}$

$\frac{3}{8}$

K

$\frac{3}{8}$ ♩ = 108

Fl. *shaker* *ppp*

Ob.

Cl. E-flat *shaker* *p*

Metals *fff* *superball* *ppp*

Woods

Drums *fff* *superball* *p* *pp* *fff*

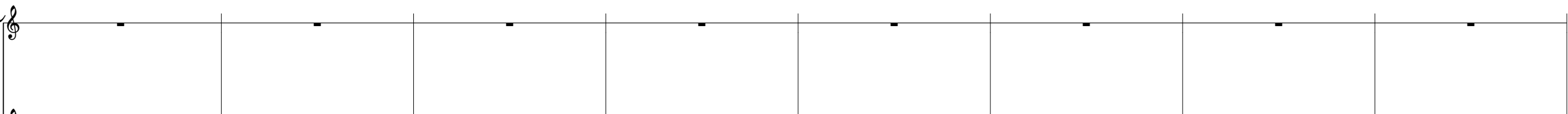
Pf. *fff* *(prepared)* *ppp* *fff* *(prepared)* *ppp*

Vn. *shaker* *pp*

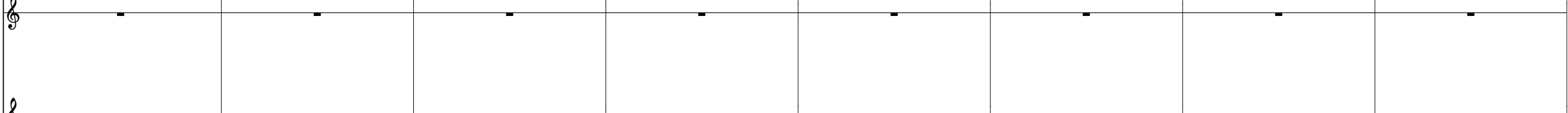
Va. *shaker* *ppp*

Vc.

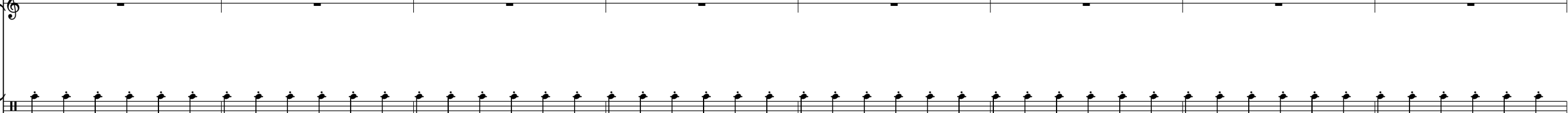
Fl.



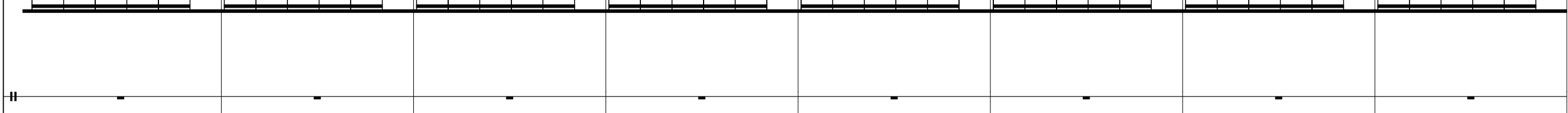
Ob.



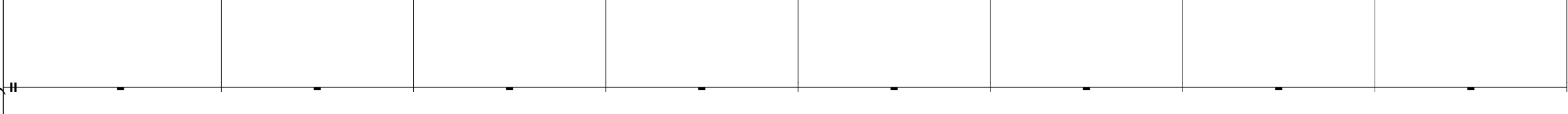
Cl. E-flat



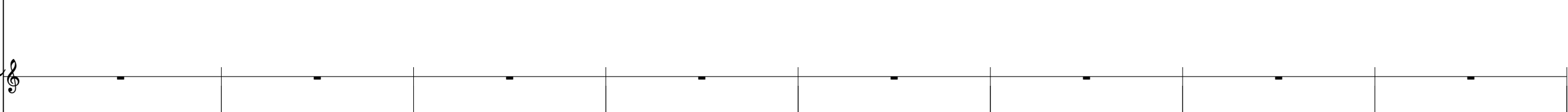
Metals



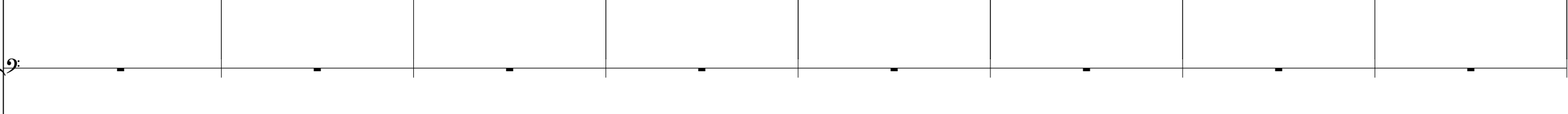
Woods



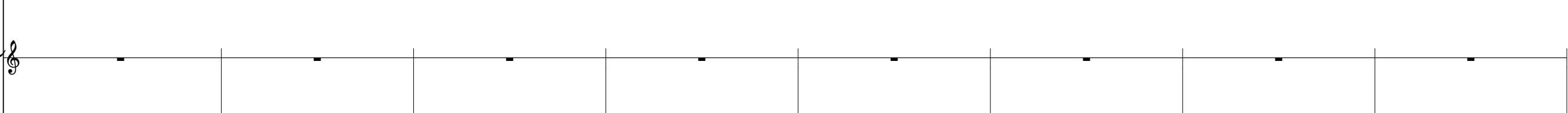
Drums



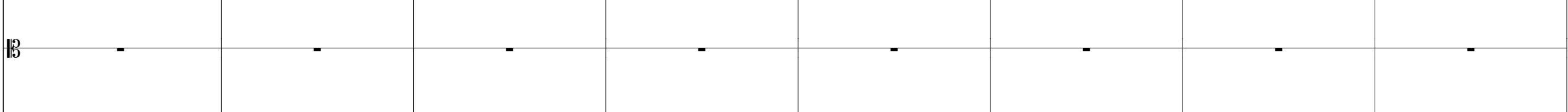
Pf.




Vn.



Va.



Vc.



Fl.

Ob.

Cl. E-flat

Metals

Woods

Drums

Pf.

Vn.

Va.

Vc.