

# PREFACE

## 1

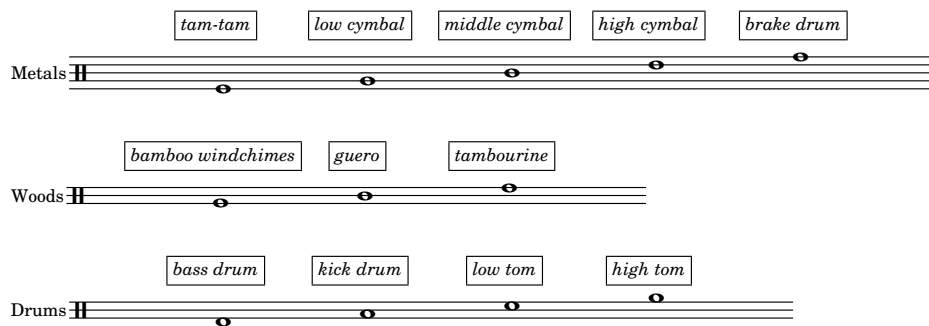
*In vain, great-hearted Kublai, shall I attempt to describe Zaira, city of high bastions. I could tell you how many steps make up the streets rising like stairways, and the degree of the arcades' curves, and what kind of zinc scales cover the roofs; but I already know this would be the same as telling you nothing. The city does not consist of this, but of relationships between the measurements of its space and the events of its past: the height of a lamppost and the distance from the ground of a hanged usurper's swaying feet; the line strung from the lamppost to the railing opposite and the festoons that decorate the course of the queen's nuptial procession; the height of that railing and the leap of the adulterer who climbed over it at dawn; the tilt of a guttering and a cat's progress along it as he slips into the same window; the firing range of a gunboat which has suddenly appeared beyond the cape and the bomb that destroys the guttering; the rips in the fish net and the three old men seated on the dock mending nets and telling each other for the hundredth time the story of the gunboat of the usurper, who some say was the queen's illegitimate son, abandoned in his swaddling clothes there on the dock.*

*As this wave from memories flows in, the city soaks it up like a sponge and expands. A description of Zaira as it is today should contain all of Zaira's past. The city, however, does not tell its past, but contains it like the lines of a hand, written in the corners of the streets, the gratings of the windows, the banisters of the steps, the antennae of the lightning rods, the poles of the flags, every segment marked in turn with scratches, indentations, scrolls.*

- Italo Calvino, *Invisible Cities*

## 2 Instrumentation

- Flute, with brazil nut shaker
- Oboe
- Clarinet in b-flat, with brazil nut shaker
- Percussion



Mallets: hard sticks or bare hands, wire brushes, superballs

- Piano
- Prepare the lowest and highest octaves with any combination of felt, tape or rubber to dampen and distort the timbre of the strings.
- Guero passages should be played with a piece of hard paper or plastic, on the keys. The register of the motions is left to the performer.
- Violin, with brazil nut shaker
  - Viola, with brazil nut shaker
  - Cello

*Invisible Cities (i):*  
**ZAIRA**  
*for Ensemble Mosaik*

Josiah Wolf Oberholzer (1984)

**A**

$\frac{3}{8}$   $\text{♩} = 72$   $\frac{2}{4}$

Flute  
Oboe  
Clarinet in B-flat  
Metals  
Woods  
Drums  
Piano  
Violin  
Viola  
Cello

**B**

$\frac{2}{4}$   $\text{♩} = 48$   $\frac{3}{4}$   $\frac{2}{4}$   $\frac{4}{4}$

Fl.  
Ob.  
Cl. in B-flat  
Metals  
Woods  
Drums  
Pc.  
Va.  
Va.  
Vc.







⑩  $\frac{4}{4}$   $\frac{3}{8}$   $\frac{5}{16}$  D  $\frac{5}{16}$  ♩ = 84

Fl. *ppp* *p* *mf* *f* *ff*

Ob. *ppp* *p* *mf* *f* *ff*

Cl. in B-flat *ppp* *p* *mf* *f* *ff*

Metals *ff* *mf* *f* *ff*

Woods *ff* *mf* *f* *ff*

Drums (L.V.) *p* *mf* *ppp* *p* *ppp* *mf* *ff*

P. *p* *f* *ppp* *mf* *ff*

Va. *p* *ppp* *mf* *ff*

Va. *p* *ppp* *mf* *ff*

Vc. *ff* *p* *f* *mf* *ff*

⑪  $\frac{2}{4}$   $\frac{3}{8}$   $\frac{5}{8}$   $\frac{6}{8}$   $\frac{5}{8}$

Fl. *p* *pp* *ppp* *mf* *f* *ff*

Ob. *p* *pp* *ppp* *mf* *f* *ff*

Cl. in B-flat *p* *pp* *ppp* *mf* *f* *ff*

Metals *f* *ff* *mf* *f* *ff*

Woods *p* *f* *pp* *mf* *f* *ff*

Drums *ppp* *mf* *ff* *pp* *ppp* *mf* *ff*

P. *ppp* *pp* *p* *pp* *mf* *ff*

Va. *ppp* *pp* *p* *pp* *mf* *ff*

Va. *ppp* *pp* *p* *pp* *mf* *ff*

Vc. *ppp* *pp* *p* *pp* *mf* *ff*

The musical score for "The Great Wall" by John Adams, measures 17 through 20, is presented below. The score is for a full orchestra and vocal soloists. The instruments and parts are: Flute (Fl), Oboe (Ob), Clarinet in B-flat (Cl. in B-flat), Metallophone (Metal), Woodwinds (Woods), Drums, Piano (P), Percussion (Pr), Violin (Vn), Viola (Va), and Vocal Soloists (Vc). The score includes various musical notations such as notes, rests, and dynamic markings (p, pp, f, ff). The time signature is 2/4. The key signature is one flat (B-flat major or D minor). The score is divided into measures 17, 18, 19, and 20. The instruments and parts are: Flute (Fl), Oboe (Ob), Clarinet in B-flat (Cl. in B-flat), Metallophone (Metal), Woodwinds (Woods), Drums, Piano (P), Percussion (Pr), Violin (Vn), Viola (Va), and Vocal Soloists (Vc). The score includes various musical notations such as notes, rests, and dynamic markings (p, pp, f, ff). The time signature is 2/4. The key signature is one flat (B-flat major or D minor).





20

4

2

Musical score for measures 20-21, 4/4 time signature. The score includes staves for Flute (Fl), Oboe (Ob), Clarinet in B-flat (Cl in B-flat), Metals, Woods, Drums, Piano (P), Violin (Va), Viola (Va), and Violoncello (Vc). The score features various musical notations including notes, rests, and dynamic markings such as *ppp*, *mp*, *mf*, *f*, and *pp*. Performance instructions like "keyclick", "run / slap", "brush", "prepared", and "overpressure" are present. Measure numbers 20 and 21 are indicated at the top of the Flute staff.

21

3

4

Musical score for measures 21-22, 3/4 and 4/4 time signatures. The score includes staves for Flute (Fl), Oboe (Ob), Clarinet in B-flat (Cl in B-flat), Metals, Woods, Drums, Piano (P), Violin (Va), Viola (Va), and Violoncello (Vc). The score features various musical notations including notes, rests, and dynamic markings such as *ppp*, *mp*, *mf*, *f*, and *pp*. Performance instructions like "keyclick", "run / slap", "brush", "prepared", "overpressure", "airtone", "flute", and "gliss" are present. Measure numbers 21 and 22 are indicated at the top of the Flute staff.



This musical score is for the song "The Sound of Silence" by Simon & Garfunkel. It is written for a full band and includes parts for Piano (PI), Organ (Oh), Clavi (Cl. in B-flat), Metal, Wood, Drums, Percussion (PR), Violin (Vn), Viola (Va), and Violoncello (Vc). The score is in 4/4 time and features a variety of musical notations, including dynamics (ppp, mp, mf, f, p), articulations (accents, slurs), and performance instructions (e.g., "run / slap", "keyclick", "break", "overpressure"). The piano part is the most prominent, with complex rhythmic patterns and dynamic shifts. The organ and clavi parts provide harmonic support, while the drums and percussion add a driving, syncopated rhythm. The string section (Vn, Va, Vc) enters later in the piece, playing sustained, moving lines. The score is presented in a clean, professional layout with clear notation and a variety of dynamic markings.

[illegible]





(21)  $\frac{3}{4}$   $\frac{4}{4}$   $\frac{2}{4}$   $\frac{5}{8}$

Fl. *airtone* *p* *shaker* *mf* *ff* *shaker* *pp* *keyclick* *p* *pp*

Ob. *airtone* *p* *shaker* *mf* *ff* *keyclick* *p* *pp*

Cl. in B-flat *airtone* *ppp* *shaker* *p* *ff* *keyclick* *p* *pp*

Metal *superball* *pp* *brush* *mf* *ppp* *ff*

Woods *brush* *pp* *superball* *pp* *brush* *mf* *pp* *brush* *ff*

Drums *brush* *pp* *superball* *pp* *brush* *mf* *pp* *brush* *ff*

PC *pp* *ppp* *ff* *p* *ff* *pp*

Va. *shaker* *ppp* *shaker* *p* *ff* *shaker* *p* *pp*

Va. *shaker* *p* *ff* *shaker* *p* *pp*

Vc. *p* *f* *f* *mf* *f*

(22)  $\frac{3}{4}$   $\frac{5}{8}$   $\frac{3}{4}$   $\frac{8}{8}$

F2  $\text{♩} = 48$

Fl. *keyclick* *4.3* *pp* *ppp* *shaker* *ppp* *airtone* *ppp*

Ob. *keyclick* *4.3* *pp* *ppp* *keyclick* *p* *airtone* *ppp*

Cl. in B-flat *keyclick* *4.3* *pp* *ppp* *shaker* *ppp* *airtone* *ppp*

Metal *brush* *p* *brush* *p* *superball* *ppp*

Woods *brush* *pp* *superball* *ppp*

Drums *brush* *pp* *superball* *ppp*

PC *ppp* *ppp*

Va. *overpressure* *mp* *overpressure* *4.3* *mf* *shaker* *p* *pp*

Va. *overpressure* *4.3* *mf* *shaker* *p* *pp*

Vc. *overpressure* *mf* *mf* *f*

(17)

2

5

4

3

Musical score for measures 17-20, measures 21-24, and measures 25-28. The score is written for a full orchestra and includes the following parts: Flute (Fl), Oboe (Ob), Clarinet in B-flat (Cl in B-flat), Metal, Woods, Drum, Percussion (P), Violin (Va), Viola (Va), and Violoncello (Vc). The score features various musical notations, including notes, rests, and dynamic markings. Key annotations include: 

- Measure 17: Flute (shaker), Oboe (shaker), Clarinet in B-flat (shaker), Metal (break), Woods (break), Drum (break), Percussion (P), Violoncello (P).
- Measure 18: Flute (shaker), Oboe (shaker), Clarinet in B-flat (shaker), Metal (superball), Woods (superball), Drum (superball), Percussion (P), Violoncello (P).
- Measure 19: Flute (shaker), Oboe (shaker), Clarinet in B-flat (shaker), Metal (superball), Woods (superball), Drum (superball), Percussion (P), Violoncello (P).
- Measure 20: Flute (shaker), Oboe (shaker), Clarinet in B-flat (shaker), Metal (superball), Woods (superball), Drum (superball), Percussion (P), Violoncello (P).
- Measure 21: Flute (shaker), Oboe (shaker), Clarinet in B-flat (shaker), Metal (superball), Woods (superball), Drum (superball), Percussion (P), Violoncello (P).
- Measure 22: Flute (shaker), Oboe (shaker), Clarinet in B-flat (shaker), Metal (superball), Woods (superball), Drum (superball), Percussion (P), Violoncello (P).
- Measure 23: Flute (shaker), Oboe (shaker), Clarinet in B-flat (shaker), Metal (superball), Woods (superball), Drum (superball), Percussion (P), Violoncello (P).
- Measure 24: Flute (shaker), Oboe (shaker), Clarinet in B-flat (shaker), Metal (superball), Woods (superball), Drum (superball), Percussion (P), Violoncello (P).
- Measure 25: Flute (shaker), Oboe (shaker), Clarinet in B-flat (shaker), Metal (superball), Woods (superball), Drum (superball), Percussion (P), Violoncello (P).
- Measure 26: Flute (shaker), Oboe (shaker), Clarinet in B-flat (shaker), Metal (superball), Woods (superball), Drum (superball), Percussion (P), Violoncello (P).
- Measure 27: Flute (shaker), Oboe (shaker), Clarinet in B-flat (shaker), Metal (superball), Woods (superball), Drum (superball), Percussion (P), Violoncello (P).
- Measure 28: Flute (shaker), Oboe (shaker), Clarinet in B-flat (shaker), Metal (superball), Woods (superball), Drum (superball), Percussion (P), Violoncello (P).

(17)

4

5

4

2

Musical score for measures 29-32, measures 33-36, and measures 37-40. The score is written for a full orchestra and includes the following parts: Flute (Fl), Oboe (Ob), Clarinet in B-flat (Cl in B-flat), Metal, Woods, Drum, Percussion (P), Violin (Va), Viola (Va), and Violoncello (Vc). The score features various musical notations, including notes, rests, and dynamic markings. Key annotations include: 

- Measure 29: Flute (shaker), Oboe (shaker), Clarinet in B-flat (shaker), Metal (break), Woods (break), Drum (break), Percussion (P), Violoncello (P).
- Measure 30: Flute (shaker), Oboe (shaker), Clarinet in B-flat (shaker), Metal (superball), Woods (superball), Drum (superball), Percussion (P), Violoncello (P).
- Measure 31: Flute (shaker), Oboe (shaker), Clarinet in B-flat (shaker), Metal (superball), Woods (superball), Drum (superball), Percussion (P), Violoncello (P).
- Measure 32: Flute (shaker), Oboe (shaker), Clarinet in B-flat (shaker), Metal (superball), Woods (superball), Drum (superball), Percussion (P), Violoncello (P).
- Measure 33: Flute (shaker), Oboe (shaker), Clarinet in B-flat (shaker), Metal (superball), Woods (superball), Drum (superball), Percussion (P), Violoncello (P).
- Measure 34: Flute (shaker), Oboe (shaker), Clarinet in B-flat (shaker), Metal (superball), Woods (superball), Drum (superball), Percussion (P), Violoncello (P).
- Measure 35: Flute (shaker), Oboe (shaker), Clarinet in B-flat (shaker), Metal (superball), Woods (superball), Drum (superball), Percussion (P), Violoncello (P).
- Measure 36: Flute (shaker), Oboe (shaker), Clarinet in B-flat (shaker), Metal (superball), Woods (superball), Drum (superball), Percussion (P), Violoncello (P).
- Measure 37: Flute (shaker), Oboe (shaker), Clarinet in B-flat (shaker), Metal (superball), Woods (superball), Drum (superball), Percussion (P), Violoncello (P).
- Measure 38: Flute (shaker), Oboe (shaker), Clarinet in B-flat (shaker), Metal (superball), Woods (superball), Drum (superball), Percussion (P), Violoncello (P).
- Measure 39: Flute (shaker), Oboe (shaker), Clarinet in B-flat (shaker), Metal (superball), Woods (superball), Drum (superball), Percussion (P), Violoncello (P).
- Measure 40: Flute (shaker), Oboe (shaker), Clarinet in B-flat (shaker), Metal (superball), Woods (superball), Drum (superball), Percussion (P), Violoncello (P).









172  $\frac{2}{4}$   $\frac{3}{8}$   $\frac{4}{4}$

Fl. *keyclick* *airtone* *shaker* *keyclick* *airtone*

Ob. *keyclick* *airtone* *rum / slap* *keyclick* *rum / slap* *airtone*

Cl. in B-flat *rum / slap* *airtone* *keyclick* *shaker*

Metals

Woods *brush*

Drums

Pf. *7-6* *prepared* *prepared* *prepared* *slow* *grave*

Vn. *shaker* *flautando* *shaker*

Va. *overpressure* *flautando* *shaker* *overpressure*

Vc. *flautando* *overpressure*

173  $\frac{5}{16}$   $\frac{2}{4}$   $\frac{3}{8}$   $\frac{5}{16}$   $\frac{3}{8}$

Fl. *shaker* *rum / slap*

Ob. *keyclick* *rum / slap* *airtone*

Cl. in B-flat *shaker* *keyclick* *airtone* *rum / slap* *shaker*

Metals

Woods *brush*

Drums

Pf. *prepared* *prepared* *prepared*

Vn. *shaker* *flautando* *shaker*

Va. *shaker* *flautando* *shaker* *overpressure*

Vc. *overpressure*

[illegible]

The musical score for "The Great Wall" by John Williams is presented in a multi-staff format. The score includes parts for the following instruments and percussion:

- Flute (Fl):** Features melodic lines with dynamic markings such as *pppp*, *pp*, and *ppp*.
- Oboe (Ob):** Provides harmonic support with dynamic markings like *pppp* and *pp*.
- Clarinet in B-flat (Cl. in B-flat):** Plays melodic passages with dynamic markings including *pppp* and *pp*.
- Metals:** Includes a *superball* (superball) and a *metal* (metal) part, both with dynamic markings like *ppp* and *p*.
- Woods:** Features a *mp* (mezzo-piano) part.
- Drum:** Provides a rhythmic foundation.
- Percussion (Pv):** Includes a *pp* (pianissimo) part.
- Violin (Vn):** Features a *pp* (pianissimo) part.
- Viola (Va):** Features a *pppp* (pianississimo) part.
- Violoncello (Vc):** Features a *mp* (mezzo-piano) part.

The score is written in 3/8 time and includes various dynamic markings and performance instructions. The title "The Great Wall" is prominently displayed at the top of the page.

[illegible]

The musical score for "The Great Wall" by John Williams is presented in a standard orchestral format. The score is in 2/4 time and consists of 46 measures. The instrumentation includes Flute (Fl), Oboe (Ob), Clarinet in B-flat (Cl. in B-flat), Metallophone (Metal), Woodblock (Wood), Drum (Drum), Percussion (Perc), Violin (Vn), Viola (Va), and Vocal Soloist (Vc). The score includes various musical notations such as notes, rests, dynamics (pp, p, f, mf, mp), and performance instructions like "superball" and "airline".



The musical score is for 'The Great Wall' by Tan Dun. It features a large ensemble of instruments and a vocal soloist. The score is divided into three main sections, each with a different time signature: 5/8, 2/4, and 5/16. The instruments include Flute (Fl.), Oboe (Ob.), Clarinet in B-flat (Cl. in B-flat), Metallophone (Metallo), Woods, Drums, Percussion (Perc.), Violin (Vn.), Viola (Va.), and Violoncello (Vcl.). The score includes various musical notations such as notes, rests, and dynamic markings (e.g., *ppp*, *f*, *mf*). There are also performance instructions in Chinese, such as 'shaker' and 'superball'. The score is written for a large ensemble, with multiple staves for each instrument and a vocal soloist. The tempo is marked as '♩ = 84'. The score is in G major and 4/4 time. The score is for a full-length performance of the piece.

22

Fl

Ob.

Cl. in B-flat

Metals

Woods

Drums

Pf.

Vn.

Va.

Vc.

27

Fl

Ob.

Cl. in B-flat

Metals

Woods

Drums

Pf.

Vn.

Va.

Vc.