

SCORING

Woodwinds: ****

Piccolo
4 Flutes
2 Oboes
English horn
2 Bassoons
Contrabassoon*
E♭ Clarinet*
8 B♭ Clarinets**, ***
2 Bass Clarinets
B♭ Contrabass Clarinet*
4 Alto Saxophones**
2 Tenor Saxophones
Baritone Saxophone

Percussion: 🥁

Timpani
Percussion I, II, III, IV, V, VI, VII

Pre-recorded Sounds 🥁

Brass: ****

4 F Horns (suggested 8)
B♭ Piccolo Trumpet*
4 B♭ Trumpets (suggested 8)
3 Tenor Trombones (suggested 6)
Bass Trombone (suggested 2)
2 C Euphoniums (suggested 4)
2 Tubas (suggested 4)

Strings:

4 Violoncellos (suggested 6)
2 Double Basses (suggested 4)
Harp

Ethnic Ensemble: 🥁

2 Dizi (Qudi) (C Key and E Key)
Didgeridoo
Dolçaina (Valencian: G Key)
Duduk (A Key)
Erhu
Hulusi (F Key)

Smartphones 🥁

The ethnic instruments are notated at sounding pitch.

Please double-check that the whirly tubes and the singing glasses are at the notated octave,
and not an octave higher or lower.

🥁 See below.

* Doubling a small ocean drum.

** Doubling singing glasses.

*** Doubling acoustic guitars.

**** Each performer will need two glass bottles: one completely empty (for the vocalizations and resonances at the beginning of the third movement), and another prepared in advance with small metal and/or glass objects inside. The latter will be referred to as the “**rattle bottle**” to distinguish it from the former.

PERCUSSION REQUIREMENTS

- **TUNED:**
4 timpani (32" – 29" – 26" and 23"), crotales (one octave), glockenspiel, vibraphone, marimba (5 octaves: to low C), xylophone, tubular bells, water bell (D4: from an additional set), and 4 whirly tubes.
- **UNTUNED:**
Ice bell (e.g., LP403), 2 darbukas, kick drum (flat), 2 mark trees, ratchet, log drum (4 pitches), anvil, thick metal chain (on a metallic surface: e.g., an inverted tam-tam placed on the ground), 2 snare drums (tuned high and low), 4 tom-toms (16" – 14" – 12" and 10"), finger cymbals, small triangle, seed shell shaker, large shekere (aggué), large steel oil drum (e.g., 200L), bongos, 2 steel frying pans (e.g., 18" and 10"), 2 tam-tams (standard 32" and large 50"), claves, waterphone, 2 large bullroarers, 3 dunun (dundunba, sangban, and kenkeni), tambourine, 2 suspended cymbals (crash 18"), China cymbal (e.g., 18" Zildjian S Series), clash cymbals, djembe, scallop shells, small whip, large ocean drum, woodblock, surdo, and bass drum.

Distribution by player:

4 timpani (32" – 29" – 26" and 23") and ice bell

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| I. tubular bells
vibraphone (shared with Percussion 2)
glockenspiel
darbuka (I)
kick drum (flat) | II. marimba (5 octaves)
vibraphone
mark tree (I)
xylophone
ratchet
log drum (4 pitches)
anvil
thick metal chain
snare drum (tuned low) |
| III. whirly tube (A5)
4 tom-toms (16" – 14" – 12" – 10")
finger cymbals
small triangle
seed shell shaker
snare drum (tuned high)
large shekere (aggué)
darbuka (II)
large steel oil drum (e.g., 200L)
2 steel frying pans (e.g., 18" and 10")
tam-tam (shared with Percussion 7) | IV. whirly tube (G5)
suspended cymbal (crash: 18")
crotales (one octave)
3 dunun (dundunba, sangban, and kenkeni)
mark tree (shared with Percussion 6)
bongos
claves
large bullroarer |
| V. whirly tube (E5)
clash cymbals
suspended cymbal (crash: 18")
waterphone
djembe (shared with Percussion 6)
scallop shells (shared with Percussion 6)
large bullroarer | VI. large tam-tam (e.g., 50")
mark tree (II)
scallop shells
djembe
whirly tube (F#5)
water bell (D4)
tambourine
small whip
China cymbal (e.g., 18" Zildjian S Series) |
| VII. large ocean drum (e.g., Remo ET-0222 22")
bass drum
tam-tam (standard : 32")
woodblock
surdo | |