This PDF contains excerpts from the score. For the complete score, please contact the composer directly at www.mark-barden.com

Diese PDF enthält Auszüge aus der Partitur. Für die vollständige Partitur, bitte kontaktieren Sie den Komponisten direkt über seine Webseite www.mark-barden.com
gauze

for chamber ensemble

(2009–10)

Mark Barden
**Instrumentation**

Bass flute  
B-flat clarinet (+ bass clarinet)  
Tenor saxophone  
Piano  
Percussion: (2 clay discs, 2 heavy bricks, 2 light bricks, 2 straw mats, 2 small wooden boxes, snare drum, large wooden box, timpano, small spring drum, metal grate, bass drum)  
Harp  
Violin  
Viola  
Cello

**Duration:** ca. 22 minutes  
**Score is transposing.** Exception: The harp is notated at sounding pitch despite the scordatura.

**Performance notes**

From m.73 until the end of the first movement, the strings are the dominant force. Beneath this sound surface, the rest of the ensemble is often only very distantly audible, slightly altering the texture in a way that is acoustically distinct from the string surface alone. In other words, the ensemble writing “muddles the waters,” without ever breaking through the meniscus formed by the strings. Ideally, it is perceived more as an absence than a presence.

**All players**

- octave transpositions: 15ma, 8va, 8vb

- clefs used with transposing instruments to indicate the sounding pitch. a = clarinet (sounds down M2), b = bass flute (sounds down P8), c = tenor saxophone and bass clarinet (sound down M9)

- octave displacements for individual notes: 15ma, 8va, 8vb

- quarter tone alterations

- minor deviations in pitch between 1/8 tone and 1/6 tone

- crescendo from / diminuendo to silence

- flare crescendo, sudden dynamic explosion at the end of an otherwise gradual crescendo.

- flare diminuendo, sudden dynamic implosion at the beginning of an otherwise gradual diminuendo.


- effort dynamic. Corresponds to the relative amount of energy exerted. Sound result always quieter. “’F” means maximum intensity.

- indeterminate pitch in approximate range of notehead

- degrees of indeterminate pitches: high, higher, even higher

- highest pitch possible on the instrument

- unpitched sound dominated by air or white noise

- timbre trill (German: Farbtrottriller)

- inhale - inhale audibly forming either the German vowels ‘a’ [fäher] or ‘i’ [feer]

- Assume non vibrato unless otherwise stated.  
- Tempo indications are guidelines, not absolutes.  
- Rests occur one bar before and one bar after entries and are otherwise omitted.  
- Accidentals apply only to the notes they directly precede.

notes i
## Winds

<table>
<thead>
<tr>
<th>Symbol</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>T</td>
<td>tongued attack</td>
</tr>
<tr>
<td>符号1</td>
<td>untongued attack</td>
</tr>
<tr>
<td>符号2</td>
<td>teeth note</td>
</tr>
<tr>
<td>符号3</td>
<td>flutters tongue (German: Zahnton)</td>
</tr>
</tbody>
</table>

**noise** - let noise (air, overtones) through

**air** - air sound dominates tone (used with square noteheads)

**½ air** - air sound with written tone audible, but weak

**air → tone** - gradual transition from one timbre to the next

**ryth** - two pure tones. minimize any other pitches if they occur.

**key clicks**

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### Flute — individual notes

In mm. 28–34 and 177–184 of the first movement, the tone is destabilized by circular breathing. Aim for a constant sound and allow the pitch to come in and out of focus as a natural result of circular breathing in this low register. Sometimes the pitch may disappear completely in air. Vulnerable.

Fingerings and index numbers are given for most dyads and multiphonics. The sources are:


<table>
<thead>
<tr>
<th>Symbol</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>符号4</td>
<td>closed embouchure (mouth covers hole)</td>
</tr>
<tr>
<td>符号5</td>
<td>open embouchure (ord.)</td>
</tr>
<tr>
<td>符号6</td>
<td>away from flute (no sound from flute)</td>
</tr>
<tr>
<td>符号7</td>
<td>inhale (while playing)</td>
</tr>
<tr>
<td>符号8</td>
<td>circular breathing</td>
</tr>
<tr>
<td>符号9</td>
<td>pizzicato: lip or tongue</td>
</tr>
<tr>
<td>符号10</td>
<td>audible consonant attacks. 'c' as in German ich</td>
</tr>
<tr>
<td>符号11</td>
<td>German vowels.</td>
</tr>
<tr>
<td>符号12</td>
<td>tongue ram (sounds down major seventh)</td>
</tr>
<tr>
<td>符号13</td>
<td>like German ich</td>
</tr>
<tr>
<td>符号14</td>
<td>fast, mostly chromatic run following written contour (audible variation in air sound)</td>
</tr>
<tr>
<td>符号15</td>
<td>tongue stop on beat</td>
</tr>
<tr>
<td>符号16</td>
<td>vibrato / air pressure changes</td>
</tr>
<tr>
<td>符号17</td>
<td>inhale away from flute (no sound from flute)</td>
</tr>
</tbody>
</table>

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notes ii
— Clarinet and saxophone — individual notes

Fingerings and index numbers are given for most dyads and multiphonics. The sources are G. Krassnitzer, Multiphonics für Klarinette mit deutschem System and D. Kientzy, Les sons multiples aux saxophones.

- closed embouchure (ord.)
- half-open embouchure, jaw releases, top teeth stay on mouthpiece. noisy.
- at a short distance
- inhale (while playing)
- ' like German 'Ich'
- fast, mostly chromatic run following written contour (audible variation in air sound)
- tongue stop on beat
- vocal vibrato / air pressure changes
- inhale away from instrument (no sound from instrument)
- normal slaptongue, open slaptongue (release jaw).
- tongue ram

— Piano — individual notes

The pianist needs the following: wide spool of thread (c. 15cm wide if possible), soft brush, e-hов, plectrum, plastic ruler. All of these are used exclusively inside the piano. Rest props not in use on either 1) heavy black cloth (e.g., laid over the tuning pegs inside) or 2) a wooden music stand tilted flat with heavy black cloth to minimize noise.

- spool of thread: placed across the lowest bass strings (as many as possible) and the thread is pulled gently by alternating hands. Sonic result: very quiet cluster.
- e-hов: one hand, if free, can regulate the dynamic by applying light pressure at the very beginning of the vibrating string. By slowly and very lightly tapping the string, a sort of "stomato" or "volume vibrato" can be achieved (m. 179–81).

- pedal for duration shown
- press and hold pedal until $\downarrow$ sign.
- stomp pedal forcefully and hold for duration shown
- inside piano
- metallic sound (m.186, bass strings rattle against each other)
- on the keyboard
- black note cluster
- white note cluster
- chromatic cluster
- indeterminate harmonic. one hand $\uparrow$ lightly damping string on harmonic node, other hand $\uparrow$ ord. Complex, avoid single tones.
- muted inside. One hand $\uparrow$, other hand $\uparrow$. Also with clusters.
- / / / — heavy / moderate / light pressure of hand or fingers muting string(s).
- heavy pressure results in a dry, wooden, nearly unpitched sound.

'quiro' - loose fingers, aggressive gliss on black keys $\uparrow$. percussive, no pitch.

notes iii
— Percussion — individual notes

**INSTRUMENTS**
- 2 clay discs, 2 heavy bricks, 2 light bricks, 2 straw mats, 2 small wooden boxes, 1 large wooden box, metal grate, snare drum, 1 large timpano, bass drum
- **clay discs**: ca. 12 cm diameter. The saucer-like bottom component of flowerpots is ideal.
- **bricks**: heavy and light. 2 distinct sounds: bright (heavy bricks) & dark (light bricks).
- **mats**: two straw mats with ca. 70 cm diameter. Place one on timpano and lightly grind the second on top of the first in a circular motion using both hands.
- **boxes**: wooden boxes/cubes open on one side, two small (ca. 16 cm side), one large (ca. 20-70 cm per side). Should sound alarming, like wood breaking. Best if one side (e.g., the bottom) is "loose", i.e. fitted into slots/grooves with some wiggle room. This will give a sudden cracking sound when struck.
- **grate**: thin metal grate with checkered hole pattern. German: *Lochschützgitter*. ca. 40 x 70 cm. Three contact points: rim, edge (flat part of front on perimeter of hole pattern) and holes.
- **spring drum**: small one-headed drum with long, coiled metal spring attached to head.

**MALLETS**
- 3mm knitting needles, soft bass drum mallets, snare sticks, long metal ruler, metal hammer
- **circular motion**, long, all the way to next beat
- **fast swipe**, always short (notated duration insignificant)
  - **nails**: with fingernails
  - **heel**: with heel of hand
  - **palm**: with palm of hand
  - **gradual transition from hilt of stick (near hands) to tip**
  - **on rim**
  - **rimshot** (shaft on rim, tip on head)
  - **dead stroke**

— Harp — individual notes
- **four strings** on the harp must be retuned as follows:
  - air I & air II - choose 2 'white noise' gestures that project well on your instrument, some suggestions:
    - (a) open palm circles on metal strings, (b) palm/fingertips/fingernails circles on sounding board,
    - (c) brush circles over low strings
    - a metallic noise sound, this can be due to pedal, metal strings hitting each other, etc. in each case, the cause is clearly noted.
- **glass** - white noise produced by circling upside-down drinking glass on harp sounding board or small wooden table.
- **f#** - note names under the staff indicate necessary pedal changes
- **(f#)** - note names in parentheses under the staff are recommended changes for upcoming passages

notes iv
Strings — individual notes

SPx - sul ponticello extreme, ff tends toward distortion, pp fragile, white sound.
SP - sul ponticello, written tone clearly audible.
½ SP - poco sul ponticello
N - normale
½ ST - poco sul tasto
ST - sul tasto
STx - sul tasto extreme
Fl - at the octave node, hollow wooden-flute sound.
Br - on bridge, strings not heard at all, flat hair.
\[ \text{or} \quad \] - behind bridge on indicated string
Body - anywhere on body of instrument (arco)
\[ \text{or} \quad \] - on right side of body in the curve (vn/vla: near I,vlc: near IV)
\[ \text{or} \quad \] - on left side of body in the curve (vn/vla: near IV, vlc: near I)
finger - bow at finger at written note, bowhair literally touches finger.
air - no audible pitch
\[ \text{harmonic, heavy distortion, very fast glissando, white burst.} \]
b'autando - fast, floating bowstrokes
\[ \text{Harmonic finger pressure} \]
\[ \text{also used at non-harmonic nodes} \]
\\[\text{breathe into} \quad \]
\\[\text{f-hole} \]
\[ \text{focused airstream into f-hole, full, single breath, turn instrument into a comfortable for this if time allows.} \]

The string trio from m. 73 to the end is frantic and the pitch content is very muffled. Any distinct pitches that do emerge are either unstable and strained or clear and sudden.

\[ \text{muffle all strings in the lower third with fingers spaced roughly in sixths.} \]
\[ \text{muffle all strings near the middle with fingers spaced roughly in sixths.} \]
\[ \text{muffle all strings in the upper third with fingers spaced roughly in sixths.} \]
\[ \text{muffle all strings as high as possible.} \]

These muffling indications are a means of notating indeterminate, general pitch. Glissandi used with muffling indications are small and remain in range of the indication. Noteheads appearing with these muffling indications indicate the strings to be played, not the sounding pitches. For instance:

\[ \text{means on violin IV} \]
\[ \text{means on viola IV and III} \]
\[ \text{means on cello II} \]

notes v
etc.  - alternate *ad lib* between other strings shown during ricochet.

- *battuto col crini*. **not col legno!** sudden and explosive spiccato ricochet.
  - violent *battuto col crini*. hear wood of bow hit the fingerboard

- forceful pizzicato on all strings, flat fingers muffle strings spaced roughly
  in sixths, bottom pitch indicated, begin with hand in air, very dry and
  percussive.

- without glissando

- without any lateral bow movement (no pitch at all, purely percussive)

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Many thanks to Martin Posegga and Miguel Pérez Iniesta for their help in developing the saxophone and clarinet parts.

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notes vi
overall winds' dynamic:

barely audible at the beginning, emerge gradually to written dynamics at m.34. local dynamics are to be understood within the context of this long crescendo.

mute snare drum & bass drum, e.g., with blanket
kleine & große Trommeln abdämpfen, z.B., mit einer Decke