

# JAZZ MACHINES

For Six Players

MARTIN BUTLER

1990

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## JAZZ MACHINES

Commissioned by the London Sinfonietta with funds provided by the South Bank Centre.

### Instrumentation

Flute (doubling Alto Flute and piccolo)

Bb Clarinet (doubling Bass clarinet)

Vibraphone\*

Piano

Viola

Cello

\* Vibraphone: the signs  $\text{X}^{\text{p}}$ ,  $\text{X}^{\text{m}}$  and  $\text{X}^{\text{f}}$  indicate soft, medium and hard sticks respectively. This is only a general indication, and the player should feel free to use his/her discretion. Pedal indications are generally absent, but such places where pedal is appropriate should be fairly self-evident.

### Performance Note

The operative word is 'machines'. The piece should proceed in as rhythmically and metrically accurate a way as possible. The tempos are also important, and should be observed carefully. Even in more overtly 'lyrical' passages, rubato will impair the mechanics of the expression!

In large sections of the piece the ensemble shares an equal gestural and dynamic role, and gradations of loud/soft should be adjusted to create as equal and 'choral' an effect as possible. NB. The vibraphone, by and large, is no exception to this, and should be treated as an equal melodic partner.

Score notated in C (piccolo sounds an octave higher than written)

Duration: 12 minutes

# JAZZ MACHINES

Martin Butler  
(1990)

$\text{♩} = 100$   
2/4

3/4

2/4

Alto Flute

Bass Clarinet

Vibraphone

Piano

Viola

Cello

*mf non legato, incisive, vital*

*incisive, vital*

*mf non legato*

*poco sul pont.*

*mf non legato, incisive, vital*

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7.

A. Fl.

Bass Cl.

Vib.

Pft.

Va.

Vc.

3/4 2/4 3/8 2/4

3/4 2/4 3/8 2/4

3/4 2/4 3/8 2/4

*sim.*

*sim.*

2.

16.

A. Fl.

Bass cl.

Vib.

Pft.

Va.

Vc.

*f*

*df*

3/4

2/4

3/4

2/4

3/4

2/4

24.

A. Fl.

Bass cl.

Vib.

Pft.

Va.

Vc.

3/4

2/4

3/4

light, nervous

*pp staccatiss.*

3/4

2/4

3/4

light, nervous

*pp secco*

3/4

2/4

3/4

light, nervous

*pizz.*

*p*

32.

A. Fl.  $\frac{2}{4}$   $\frac{3}{4}$   $mf$   $pp\ sim.$   $mf$

Bass cl.  $\frac{2}{4}$   $pp$  *light, nervous* *staccatiss.*  $mf$   $pp\ sim.$

Vib.  $\frac{2}{4}$   $mf$   $\frac{3}{4}$   $pp\ sim.$   $mf$

Pft.  $\frac{2}{4}$   $pp$  *light, nervous (stacc.)*  $mf$   $pp\ sim.$

Va.  $\frac{2}{4}$   $f$   $\frac{3}{4}$   $p\ sim.$   $f$

Vc.  $\frac{2}{4}$   $pizz.$  *light, nervous*  $p$   $f$   $p\ sim.$

40.

A. Fl.  $\frac{2}{4}$   $\frac{3}{4}$   $\frac{2}{4}$   $pp$   $mf$   $pp\ sempre$   $sf$   $sf$

Bass cl.  $\frac{2}{4}$   $mf$   $\frac{3}{4}$   $pp$   $mf$   $pp\ sempre$   $sf$   $sf$

Vib.  $\frac{2}{4}$   $pp$   $mf$   $\frac{3}{4}$   $pp$   $mf$   $pp\ sempre$   $sf$   $sf$

Pft.  $\frac{2}{4}$   $pp$   $mf$   $\frac{3}{4}$   $pp$   $mf$   $pp\ sempre$   $sf$   $sf$

Va.  $\frac{2}{4}$   $p$   $f$   $\frac{3}{4}$   $p$   $sempre$   $sf$   $sf$

Vc.  $\frac{2}{4}$   $f$   $p$   $f$   $\frac{3}{4}$   $p$   $sempre$   $sf$   $sf$

*arco* *pizz.* *arco*

48.

A. Fl.

Bass cl.

Vib.

Pft.

Va.

Vc.

56.

A. Fl.

Bass cl.

Vib.

Pft.

Va.

Vc.

64.

Musical score for measures 64 to 71. The score includes parts for A. Fl., Bass cl., Vib., Pft., Va., and Vc. The notation features *sf* dynamics and articulation markings such as *pizz.*, *arco*, and *arco >*.

72.

Musical score for measures 72 to 79. The score includes parts for A. Fl., Bass cl., Vib., Pft., Va., and Vc. The notation features *pp non legato*, *p*, *cresc.*, *To Flute* markings, and dynamic markings such as *f pesante P* and *stacc., marc.*. Measure numbers 3, 4, 8, and 8 are indicated below the staff lines.

6.

80.

Fl.  $\frac{2}{4}$   $\frac{3}{4}$   $\frac{2}{4}$

Bass cl.  $\frac{2}{4}$   $\frac{3}{4}$   $\frac{2}{4}$

Vib.  $\frac{2}{4}$   $\frac{3}{4}$   $\frac{2}{4}$

Pft.  $\frac{2}{4}$   $\frac{3}{4}$   $\frac{2}{4}$

Va.  $\frac{2}{4}$   $\frac{3}{4}$   $\frac{2}{4}$

Vc.  $\frac{2}{4}$   $\frac{3}{4}$   $\frac{2}{4}$

88.

Fl.  $\frac{3}{4}$   $\frac{2}{4}$   $\frac{3}{4}$

Bass cl.  $\frac{3}{4}$   $\frac{2}{4}$   $\frac{3}{4}$

Vib.  $\frac{3}{4}$   $\frac{2}{4}$   $\frac{3}{4}$

Pft.  $\frac{3}{4}$   $\frac{2}{4}$   $\frac{3}{4}$

Va.  $\frac{3}{4}$   $\frac{2}{4}$   $\frac{3}{4}$

Vc.  $\frac{3}{4}$   $\frac{2}{4}$   $\frac{3}{4}$



95.

Fl.

Bass cl.

Vib.

Pft.

Va.

Vc.

102.

Fl.

Bass cl.

Vib.

Pft.

Va.

Vc.

109.

Fl.

Bass cl.

Vib.

Pft.

Va.

Vc.

6/8 9/8 6/8 9/8

*pizz.* *arco*

*p* *f* *pp* *sf* *f* *p*

117.

Fl.

Bass cl.

Vib.

Pft.

Va.

Vc.

6/8 9/8 6/8 9/8

*f* *sf* *p* *f* *f* *sf* *f*

*f* *p* *sf* *sf* *f* *sf* *f*

*f* *sf* *p* *sf* *f* *sf* *f*

*f* *sf* *p* *sf* *f* *sf* *f*

*f* *p* *sf* *pizz.* *arco* *sf*

*f* *p* *sf* *sf*

To Bb clarinet

\* this rhythm always =

125.

Fl.

Bb cl.

Vib.

Pft.

Va.

Vc.

134.

Fl.

Bb cl.

Vib.

Pft.

Va.

Vc.

143.

Fl. *sim.*

Bb cl. *sim.*

Vib. *mf stacc., marc.*

Pft. *mf stacc., marc.*

Va. *sim.*

Vc. *sim.*

150.

Fl. *sf ff*

Bb cl. *sf ff*

Vib. *sf ff*

Pft. *sf ff*

Va. *sf ff mart.*

Vc. *sf ff mart.*

157. 8 9 8 6 8 9 8 6 8 9 8

Fl. *sf* *sf* *P* *f dim.* *P*

Bb cl. *sf* *sf* *P* *f dim.* *P*

Vib. *f* *mf dim.*

Pft.

Va. *sf* *sf* *P* *f dim.*

Vc. *sf* *sf* *f dim.* *P*

(♩ = ♩, still in 2)

164. 12 16 18(3) 16 12(2) 16

Fl.

Bb cl. *boppy* *mf non legato* *f* *P* *f*

Vib. *P* *f* *P* *mf non legato* *boppy*

Pft.

Va. *P* *f* *P*

Vc. *f* *P*

172. 18 12  
16 16

Fl.  
Bb cl.  
Vib.  
Pft.  
Va.  
Vc.

18 16 12 16

f p pp

f p pp

f

f p

boppy, non legato  
dim.

f p

180.

Fl.  
Bb cl.  
Vib.  
Pft.  
Va.  
Vc.

mp f

mp f

f dim.

mp f dim.

f dim.

f dim.

188.

Fl. *f* *ff*

Bb cl. *ff*

vib. *mp* *f* *ff*

Pft. *f* *ff*

Va. *ff*

Vc. *ff*

This system contains measures 188 through 195. It features six staves: Flute (Fl.), B-flat Clarinet (Bb cl.), Vibraphone (vib.), Piano (Pft.), Viola (Va.), and Violin (Vc.). The Flute part starts with a dynamic of *f* and reaches *ff* by measure 190. The B-flat Clarinet and Vibraphone also reach *ff*. The Piano part has a dynamic of *f* and reaches *ff*. The Viola and Violin parts have a dynamic of *ff*. There are various musical notations including slurs, accents, and dynamic markings.

196.

Fl. *pp sub.*

Bb cl. *pp sub.*

vib. *pp sub., ritmico*

Pft. *p*

Va. *p*

Vc. *p*

This system contains measures 196 through 203. It features the same six staves as the previous system. The Flute part has a dynamic of *pp sub.* and includes question marks above some notes. The B-flat Clarinet part also has a dynamic of *pp sub.*. The Vibraphone part has a dynamic of *pp sub., ritmico*. The Piano part has a dynamic of *p*. The Viola and Violin parts also have a dynamic of *p*. There are various musical notations including slurs, accents, and dynamic markings.

204.

Fl.

Bb cl.

Vib.

Pft.

Va.

Vc.

18 16 12 16 18 16

*pp ritmico*

211.

Fl.

Bb cl.

Vib.

Pft.

Va.

Vc.

18 16 12 16 18 16

*p mp p mf f dim. p*

*pizz. arco*



217.

Fl. *pp leggiero*

Bb cl. *pp leggiero*

Vib. *pp leggiero*

Pft. *pp (stacc.)*

Va. *pizz. p*

Vc. *pizz. p*

12 16 18 16 12 16

224.

Fl. *cresc. f ff sim.*

Bb cl. *cresc. f ff sim.*

Vib. *cresc. f*

Pft. *ff sim.*

Va. *cresc. f ff arco*

Vc. *cresc. f ff arco*

231.

Fl.

Bb cl.

Vib.

Pft.

Va.

Vc.

*ff*

*ff*

*sim.*

*sim.*

(nat.)

(nat.)

18

16

18

16

18

16

238.

Fl.

Bb cl.

Vib.

Pft.

Va.

Vc.

To Bass Clarinet

*ff*

*ff*

*ff*

*ff*

*ff*

12

16

12

16

12

16

245.

Fl. *ff* 18 16 12 *sff* 16

Bass cl. *ff* 18 16 12 *sff* 16

vib. *(ff)* 18 16 12 *sff* 16

Pft. *(ff)* 18 16 12 *sff* 16

Va. *ff* 18 16 12 *sff* 16

Vc. *ff* *pizz.* *arco* *pizz.* *sff*

252.

Fl. *sff* *To piccolo* 2/4 *ff* *ff*

Bass cl. *sff* *sff* 2/4 *ff* *ff*

vib. *sff* *sff* 2/4 *ff* *ff* (l.v.)

Pft. *sff* *sff* 2/4 *ff* *ff*

Va. *sff* *sff* 2/4 *ff* *ff*

Vc. *arco* *sff* *sff* 2/4 *ff* *ff*

$\leftarrow \text{♩} \cdot \text{P} = \text{♩} \rightarrow (\text{♩} = 66)$

260.

Picc. *mf* *ff* *ff* *mf* *ff* *ff*

Bass cl. *mf* *ff* *ff* *mf* *ff* *ff*

Vib. *mf* *ff* *ff* *mf* *ff* *P* *ff* *P* (l.v.)

Pft. *mf* *ff* *ff* *mf* *ff* *P* *ff* *P*

Va. *mf* *ff* *ff* *mf* *ff* *P* *ff* *P*

Vc. *mf* *ff* *ff* *mf* *ff* *P* *ff* *P*

268.

Picc. *P* *mf* *f* *P* *mf* *P* *PP*

Bass cl. *P* *mf* *P* *f* *P* *mf* *P* *PP*

Vib. *delicato* *PP con ped.* *PP*

Pft. *PP delicato* *con ped. una corda* *P* *mf* *P* *f* *PP* *P* *mf* *P* *PP* *8vb.*

Va. *con sord.* *P* *mf* *P* *f* *P* *mf* *P* *PP*

Vc. *con sord.* *P* *mf* *P* *f* *P* *mf* *P* *PP*

276.

Picc. *f dim.* *p* *pp* *mf* *pp* *f* *pp*

Bass cl. *f dim.* *p* *pp* *mf* *pp* *f* *pp* *p dolce, espr.*

vib. *motor on* *pp* *p dolce, espr. (con ped.)*

Pft. *f dim.* *p* *pp* *mf* *pp* *f* *pp* (8vb.)

Va. *f dim.* *p* *pp* *mf* *pp* *f* *pp*

Vc. *f dim.* *p* *pp* *mf* *pp* *f* *pp*

284.

Picc. *pp* *cresc.*

Bass cl. *pp* *mp* *pp* *cresc.*

vib. *pp* *mp* *pp* *cresc.*

Pft.

Va.

Vc.

← ♩ = ♩. → (♩. = 66)  
6  
8

292.

Picc. *mf* *pp*

Bass cl. *mf* *pp*

Vib. *mf* *pp*

Pft. *p delicato* *mf* *pp delicate, disembodied*

Va. *pp* *p molto espr.*

Vc.

300.

Picc.

Bass cl.

Vib. *pp* *ppp*

Pft. *pp* *mf*

Va. *mf* *p*

Vc.

308.

Picc.

Bass cl.

Vib. (observe correct durations, unless 'l.v.' is marked)

Pft.

Va.

Vc.

(sim.)

8v.

mf

(l.v.)

316.

Picc.

Bass cl.

vib.

Pft.

Va.

Vc.

(ppp)

l.v.

l.v.

mf

pp

pp

mf

f

p

f

p

f

p

f

p

mf molto espr.

f

p

f

p

soaring

poco flautando, soaring

Accel. q - - - - - Poco piu mosso

324. To Alto Flute

Picc. *pp* *P, ritmico*

Bass cl. *To Bb clarinet* *P* *ritmico*

Vib. *ppp* *1.v.* *1.v.* *pp stacc.*

Pft. *f* *pp* *pp stacc.*

Va. *f* *P*

Vc. *f* *P*

8 8 8 8 8 8 8 8

9 6 9 8

331.

A. Fl. *f* *P* *f* *P*

Bb cl. *f* *P* *f* *P*

Vib.

Pft.

Va.

Vc.

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24.

(♩ = ♩)  
2/4

← ♩ = ♩ → (♩ = c. 112)  
6/8

355.

A. Fl.

Bb cl. To Bass clarinet

Vib. (motor off)

Pft.

Va. arco f dim. pp

Vc. arco f dim. pp

6/8 mp stacc.

8/8 mp stacc.

2/4 P

2/4 f dim.

2/4 pp

6/8 pp

8/8 pp

363.

A. Fl.

Bass cl. (non cresc.)

Vib. (non cresc.)

Pft.

Va.

Vc.

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371.

Musical score for measures 371-378. The score includes staves for A. Fl., Bass cl., Vib., Pft., Va., and Vc. The Pft. part features a *stacc.* marking and a *mp* dynamic. The Bass cl. and Vib. parts are marked *sempre mp*. The Va. and Vc. staves are empty.

379.

Musical score for measures 379-386. The score includes staves for A. Fl., Bass cl., Vib., Pft., Va., and Vc. The Pft. part features a *mp sempre* marking and *Bvb.* markings. The Va. and Vc. parts feature *pizz.* markings and *mf molto marc.* dynamics. The Bass cl. and Vib. parts feature *sf* dynamics. The Va. and Vc. parts also feature *(sim.)* markings and *sf* dynamics.

387.

A. Fl. *sfP* *sf* *sf* *sfP* *f* *sfP* *sf* *sf*

Bass cl. *sf* *sf* *sf*

vib. *sf* *sf* *sf*

Pft. *sf* *sf* *sf* *sf* *sf* *sf*

Va. *sf* *sf* *sf* *sf* *sf*

Vc. *sf* *sf* *sf* *sf* *sf*

8vb.

395.

A. Fl. *sfP* *sf* *sf* *sf* *f* hard, breathy (sim.)

Bass cl. *sf* *sf* *sf* (3) 4

vib. *sf* *sf* *sf* (3) 4

Pft. (3) 4

Va. *sf* *f* (sempre pizz.!) hard, resonant (sim.)

Vc. *sf* *f* hard, resonant (sim.)

403.

A. Fl.

Bass cl.

vib.

Pft.

Va.

Vc.

mp stacc.

(stacc.)

mf (stacc.)

dim.

411.

A. Fl.

Bass cl.

vib.

Pft.

Va.

Vc.

pp leggiero

cresc.

pp preciso

cresc.

pp preciso

cresc.

(pizz)

p

cresc.

♩ = ♩ (♩ = c. 112)

419. To Flute

A. Fl. mf stacc. f dim. p (dim.)

Bass cl. mf

Vib. f dim. p (dim.) incisive, vital

Pft. f mf non legato

Va. (pizz.) mp cresc. f dim. mp (dim.)

Vc. f

428.

Fl. pp

Bass cl. incisive, vital

Vib. mf non legato

Pft. pp

Va. pp

Vc. arco poco sul pont. mf non legato, incisive, vital

Poco più mosso

435.

Fl.  $\frac{2}{4}$   $\frac{3}{8}$   $\frac{2}{4}$   $\frac{3}{4}$   $\frac{2}{4}$   $\frac{2}{4}$  *ff*

Bass cl.  $\frac{2}{4}$   $\frac{3}{8}$   $\frac{2}{4}$   $\frac{3}{4}$   $\frac{2}{4}$   $\frac{2}{4}$  *ff*

Vib.  $\frac{2}{4}$   $\frac{3}{8}$   $\frac{2}{4}$   $\frac{3}{4}$   $\frac{2}{4}$

Pft.  $\frac{2}{4}$   $\frac{3}{8}$   $\frac{2}{4}$   $\frac{3}{4}$   $\frac{2}{4}$   $\frac{2}{4}$  *ff*

Va.  $\frac{2}{4}$   $\frac{3}{8}$   $\frac{2}{4}$   $\frac{3}{4}$   $\frac{2}{4}$   $\frac{2}{4}$  *arco sf ord.*

Vc.  $\frac{2}{4}$   $\frac{3}{8}$   $\frac{2}{4}$   $\frac{3}{4}$   $\frac{2}{4}$   $\frac{2}{4}$  *ff*

443.

Fl. *sf*

Bass cl. *sf*

Vib.

Pft. *sf*

Va. *sf*

Vc. *sf*

451.

Fl. *sf*

Bass cl. *sf*

Vib.

Pft. *sf*

Va. *sf*

Vc. *sf*

Poco Accel.

459.

Fl. *sf*

Bass cl. *sf*

Vib. *sf*

Pft. *sf*

Va. *sf*

Vc. *sf*

To Bb clarinet

*dim. poco a poco*



(Accel.) - - - - -  $\text{♩} = c. 120$

467.  $\frac{2}{4}$

Fl. *P dim.* *pp molto stacc., leggiero* *sf*

Bb cl. *dim.* *pp molto stacc., leggiero* *sf*

Vib. *pp secco, leggiero* *sf*

Pft. *pp semi-legato, quasi pizz.* *8vb.* *(a slightly wayward double-bass...)* *sf*

Va. *pp molto stacc., off-string* *sf*

Vc. *pp molto stacc., off-string* *sf*

475.

Fl. *sf*

Bb cl. *sf*

Vib. *sf* *8vb.*

Pft. *sf* *8vb.*

Va. *sf*

Vc. *sf*

483.

Musical score for measures 483-490. The score is arranged in six staves: Flute (Fl.), B-flat Clarinet (Bb cl.), Vibraphone (Vib.), Percussion (Pft.), Viola (Va.), and Violoncello (Vc.). The Percussion part is labeled "(Bvb.)". The Flute, Bb cl., and Va. parts feature dynamic markings of *sf* (sforzando) and *(sempre pp)* (sempre pianissimo). The Vib. part includes *sf* and *(sempre pp)* markings, along with *8v.* (octave) markings. The Vc. part features *sf* and *(sempre pp)* markings. The music consists of rhythmic patterns with accents and slurs.

491.

Musical score for measures 491-498. The score continues with the same six staves: Flute (Fl.), B-flat Clarinet (Bb cl.), Vibraphone (Vib.), Percussion (Pft.), Viola (Va.), and Violoncello (Vc.). The Percussion part is labeled "(Bvb.)". The Flute, Bb cl., and Va. parts feature dynamic markings of *sf* (sforzando). The Vib. part includes *sf* markings and *8v.* (octave) markings. The Vc. part features *sf* markings. The music continues with rhythmic patterns and accents.

499.

Fl.

Bb cl.

Vib.

Pft.

Va.

Vc.

507.

Fl.

Bb cl.

Vib.

Pft.

Va.

Vc.

January 1990, Brighton  
Martin Butler