

the enigma machine 2b: (no subtitle)
lauren redhead

Performance Notes

This piece consists of 92 chords which should be played one after the other.

In addition to this, four other configurations are suggested (for which the composer will be happy to make a score if requested). These are detailed below. Any other configuration may be put together by the performers, so long as it consists of 11 sets of related material. These relations need not be disclosed at the time of the performance. No repetition is permitted, unless of the whole piece.

Configuration 2b.i

1 5 9 15 24 39 42 62 80
3 23 28 30 50 79 82 91 92
6 11 29 32 36 54 65 83
12 18 60 66 67 72 78
7 19 20 21 37 55 56 57
8 22 31 33 43 58 68 89
10 44 49 51 59 71 81 90
14 27 38 45 52 53 69 70 85
13 25 46 61 63 64 76 77 86
16 34 35 40 41 47 87
2 4 17 48 73 74 75 88

Configuration 2b.ii

2 13 25 29 31 32 54 56 82
11 12 27 34 58 75
9 14 33 36 62 73 84 86 89
7 10 35 38 49 51 60 87 92
5 37 40 45 47 88 71 85
3 8 39 41 42 43 64 69 83
1 16 44 67 70 88 90 91
18 19 20 22 46 65 68 77
4 6 17 48 57 59 74
15 24 50 53 55 61 63 72
21 23 26 28 30 52 76 78 79 80 81

Configuration 2b.iii

4 6 13 14 33 35 68
5 7 15 16 34 36 69
17 23 37 43 64 66 73 79 87 88
3 12 22 32 42 52 62 72 82
8 18 24 44 65 67 74 83 89
2 11 21 31 41 51 61 71 81
1 10 20 30 40 50 60 70 80
25 38 39 45 53 55 75 84 90

9 26 46 54 56 76 85
19 27 47 57 58 59 77 86
28 29 48 49 63 78 87 91 92

Configuration 2b.iv

1 3 5 7 45 58 69
2 4 6 8 46 60 71
38 40 42 44 55 56 57 73
26 29 32 35 53 62 68 75 82 83 84
37 39 41 43 54 64 77 81 90
27 30 33 36 52 66 70 79 89 91 92
9 11 12 15 50 67 72 85 87
10 12 14 16 51 65 74 86 88
25 28 31 34 49 63 76
17 19 21 23 48 61 78
18 20 22 24 47 59 80

For Trumpet (in C) and Horn

The following microtonal scheme is used:
Precise microtones:

↓ ¼ flat

↓↓ ¾ flat

↑ ¼ sharp

↑↑ ¾ sharp

Inflectional microtones, each 8 < • < 14 c sharp or flat:



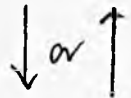
Accidentals apply only to the note they precede.

Duration:

- Long (not necessarily equal) durations
- Short (not necessarily equal) durations

Directions apply only to the chord over which they are indicated.

Time:



Cue the other performer



Begin at the same time



Begin after the previous action

(no arrow) Concurrently, without synchronising with each other

Where no line joins the two staves, play without any recourse to each other.
Where a tempo is indicated, this should be strict.

Other peculiarities of notation are explained in the score.
Except where indicated, please play at all times without vibrato.
Please play from the full score.

1

Tpt

tr

p mp p

Hn

$\frac{1}{2}+$

p

2

(straight mute)

Tpt

ppp p

Hn

$\frac{1}{2}+$

p

3

Tpt

b.e b.o⁹ b.o

p mp p

Hn

$\frac{1}{2}+$

p

4

Tpt

ff

Hn

mp < mf

5

Tpt

mp < mf

Hn

$\frac{1}{2}+$

mp < mf > mp

6

Tpt

ff

Hn

ffz g

ff

7

Tpt

tr

mp > p

Hn

f

8

Tpt

mf > p

Hn

with cup mute (or hand)

9

Tpt

mp

mf

Hn

mf

mp

10

Tpt

pp

Hn

p

fz

Harmon Mute

11

Tpt

p

pp

Hn

(air)

f

mf

Harmon Mute

12

Tpt

pp

p

Hn

p

pp

Straight Mute

Tpt

mf

13

Hn

mf

Tpt

f

14

Hn

f

Tpt

mp

15

Hn

mp

mf

Tpt

f

16

Hn

f

Tpt

fff

17

Hn

mp

mf

Tpt

smack tone

f

p

mf

18

Hn

mf

mp

Smack tone

Tpt

19

ff

HN

ff

↑

Smack tone

Tpt

20

f

pp

P

HN

ff

P > PPP

↓

Tpt

21

^

ff

P > PPP

HN

ff

d!

f

PPP

P

Smack tone

Tpt

22

f

PPP

P

HN

p

PPP

↓

Tpt

23

ff

HN

mp

f

↑

HN valve → 1/2 valve*

Tpt

24

mp

mf

HN

1/2 S

mf

mp

* move one valve at the expense of pitch

25

Tpt

Hrn

26

Tpt

Hrn

Harman Mute

27

Tpt

Hrn

28

Tpt

Hrn

Straight Mute

29

Tpt

Hrn

30

Tpt

Hrn

Straight Mute

31

Tpt

Hrn

(spatial notation)

Straight Mute

32

Tpt

Hrn

with cup mute or hand

33

Tpt

Hrn

Harmon Mute

34

Tpt

Hrn

35

Tpt

Hrn

with cup mute or hand

36

Tpt

Hrn

♩ = 84

Tpt

37

flzg

ord

p mp (mp) p

Hrn

mf

k! k! k! k!

Tpt

38

f p

Hrn

p f

♩ = 96

Tpt

39

flzg

ord

mp

Hrn

mf

flzg

ord

mf

♯+ ♯+ ♯+ ♯+

Tpt

40

gliss

p

Hrn

p

♩ = 72

Tpt

41

pp p pp p

Hrn

pp p pp p

Tpt

42

br

pp

Hrn

pp

br

♯+ ♯+

$\text{♩} = 120$

Tpt

43

Hn

p < *mp* *mp* < *mf*

Tpt

44

Hn

mp > *p* < *mp*

Tpt

45

Hn

p < *mf*

Tpt

46

Hn

p

smack tone

molto vibrato

Tpt

47

Hn

f (*f*)

Tpt

48

Hn

p

molto vibrato

Tpt

49

Hrn

Tpt

SD

Hrn

Tpt

SD

Hrn

Tpt

52

Hrn

Tpt

53

Hrn

Straight Mute

$\text{♩} = 112$

Tpt

54

Hrn

Tpt

55

Mu

ff

ff

Straight Mute

Tpt

56

Mu

ff

ff

Tpt

57

Mu

ff

f

Harmon Mute

Tpt

58

Mu

ff

ff

Tpt

59

Mu

ff

ff

Tpt

60

Mu

ff

p

pp

valve \rightarrow $\frac{1}{2}$ valve *

Tpt
61
Hrn
p
pp
p

* move one valve at the expense of pitch

Tpt
62
Hrn
p
 $\frac{1}{2}$ +

vib. follow tpt music movement
vib \rightarrow ord

Tpt
63
Hrn
mf
mp
f

ord vib.
gliss

$\text{♩} = 72$

Tpt
64
Hrn
p
mp

smack tones

Tpt
65
Hrn
f
air

Vibrato

Tpt
66
Hrn
p
mf
mp

Vibrato
gliss

67

Tpt *tr*
mp

Hrn
mp

68

Tpt *smack tone*
mp

Hrn *tr*
mf

69

Tpt *tr*
f > p

Hrn
p

70

Tpt *tr*
breede
p

Hrn *guss*
PPP — P

71

Tpt
p

Hrn *do* *flzg* *guss*
p — PP — p

72

Tpt *f*
p

Hrn
p

with cup mute or hand

Musical notation for measures 73. Tpt part has notes with dynamics *mp* and *p*. Hrn part has notes with dynamics *p* and *mp*. A double-headed arrow labeled '73' connects the two staves. Above the Tpt staff, there are markings: a right-pointing arrow, a plus sign, a comma, another plus sign, and another right-pointing arrow, followed by a circled 'o'.

Musical notation for measure 74. Tpt part has a whole note with dynamic *'ff'*. Hrn part has a sixteenth-note pattern with dynamic *f*.

Harman Mute

Musical notation for measure 75. Tpt part has notes with dynamics *mp* and *mf*. Hrn part has notes with dynamics *mf* and *mp*. A circled 'g' is above the first note of the Tpt staff. A circled '-' is above the second note of the Tpt staff. Arrows indicate dynamics: *mp* < *mf* and *mf* > *mp*.

Musical notation for measure 76. Tpt part has notes with dynamics *f*, *p*, and *f*. Hrn part has notes with dynamics *f*, *p*, and *f*. Accents are present over the notes.

Musical notation for measure 77. Tpt part has notes with dynamics *p*, *mf*, and *p*. Hrn part has notes with dynamic *p*. A tempo marking $\text{♩} = 84$ is at the top. The word 'flzg' is written above the Tpt staff, and 'ord' is written above the Hrn staff.

Musical notation for measure 78. Tpt part has notes with dynamics *f* and *ff*. Hrn part has notes with dynamics *f* and *ff*. A circled 'd!' is above the first note of the Tpt staff. A circled '+' is above the second note of the Tpt staff. A circled '+' is above the first note of the Hrn staff. A circled '-' is above the second note of the Hrn staff. Arrows indicate dynamics: *f* < *ff* and *f* < *ff*.

84

HN

pp

84

Tpt

p

with cup mute or hand

83

HN

f

f

83

Tpt

pp

vibrato

82

HN

mf

mp

82

Tpt

f

f

special notation

80

HN

mp

80

Tpt

f

pp

vibrato

79

HN

pp

vibrato

79

Tpt

f

f

81

HN

pp

p

pp

81

Tpt

p

p

p

p

p

fz

fz

f = 84

92 = ♩

HN *p*

SO *fleg*

TP1 *p*

89

HN *p* *mf*

TP1 *mf* *p* *mf*

with cup mute or hand

88

HN *mf* *mp*

TP1 *mf* *mp*

87

HN *mp*

TP1 *mp*

86

HN *mp*

TP1 *mp*

with cup mute or hand

85

HN *f* *p*

TP1 *f* *p*

Tpt

tr
a sdo
p

91

Hrn

tr
+ +
p

Tpt

tr
p

92

Hrn

tr
p