Natural Horn solo

Required instruments: G and C bass Natural Horn

The orchestral Natural Horn obligato part is included in the score as a cue staff

Olli Virtaperko

Moiré

Concerto for natural horn and orchestra in three movements
(with orchestral natural horn obligato)

The performance pitch 442 Hz.

NOTATION

Microtonal notation

Solo natural horn and orchestral oblicato natural horn should produce the microtonal intervals by playing untempered overtones of the fundamental. The just intonation is the default tuning for the natural horns, deviations to that are specified in parts and score.

↑ ↓	+/-14 cents (as in the 5th and 10th partial of overtones series), used both as such and with accidentals ♭ and ♯
♯ 𝄲 𝄳	-31 cents (as in the 7th and 14th partial of overtone series)
𝄭 𝄱 𝄰	+41 cents (as in the 13th partial of overtone series)
𝄰 𝄻	+/- 50 cents (¼ tone, as in the 11th partial of overtone series)
𝄯 𝄲	+/- 150 cents (¾ tone)

General

⟶	change very gradually from one sound or one way of playing (etc.) to another

Moiré

Concerto for natural horn and orchestra in three movements (with orchestral natural horn obligato)

I

Olli Virtaperko 2020

freely
harpsichord

susp. cymb.

senza misura

Natural horn in G

solo, freely

(smoothly)

vibrato

3

bend to a (or as close as it gets)

poco crescendo

5

♩ = 66 feel in written rhythms, still freely

7.

6.

gliss. gesture

7

make a narrow accelerating bend trill downwards from note g[1], and gradually widen the interval to become minor third (g-e, trill progression time ad lib.)

slow – accelerating

(rit.)

9

(in tempo)

vibrato (downwards)

add consonant "L"

g r a d u a l l y s t o p t h e b e l l a n d l o w e r t h e p i t c h

11

11. 10. 9. 8. 7. 6. 5. 6. 7. 8. 9. 10. 11. similarily

pattern repetition ad lib., prioritise smoothness and effortlessness of the sounding result

5. 6. 7. 8. 9. 10.

p *subito*

molto crescendo

14

vigorously

ascending line, three clearly different pitches (from 9th partial)

simile (from 10th partial)

(from 11th partial)

(from 12th partial)

ff

(approximate pitches)

16

fluently, with ease

crescendo

bouncy, active
rhythmically accurately

+ susp. cymbal

11.

bend up

p *subito*

19 12.

molto rit.

9:8

♩ = 60 ***calmly***

f

p

22 Natural horn oblicato (in Eb)

mp

22 color sound with microinterval wobbling (bewlow target note)

gliss ad lib. towards g^2

mp

26

mf *mp*

26 wobbling as before

mf *mp*

31 solo *cantabile*

(approximate pitch)

hold back

34 **in tempo**

p

molto cresc.

delicately

p subito

molto cresc.

34 **in tempo**

wobbling as earlier

p

molto cresc.

delicately

p subito

molto cresc.

37

mp *molto cresc.*

p subito

mp

mp

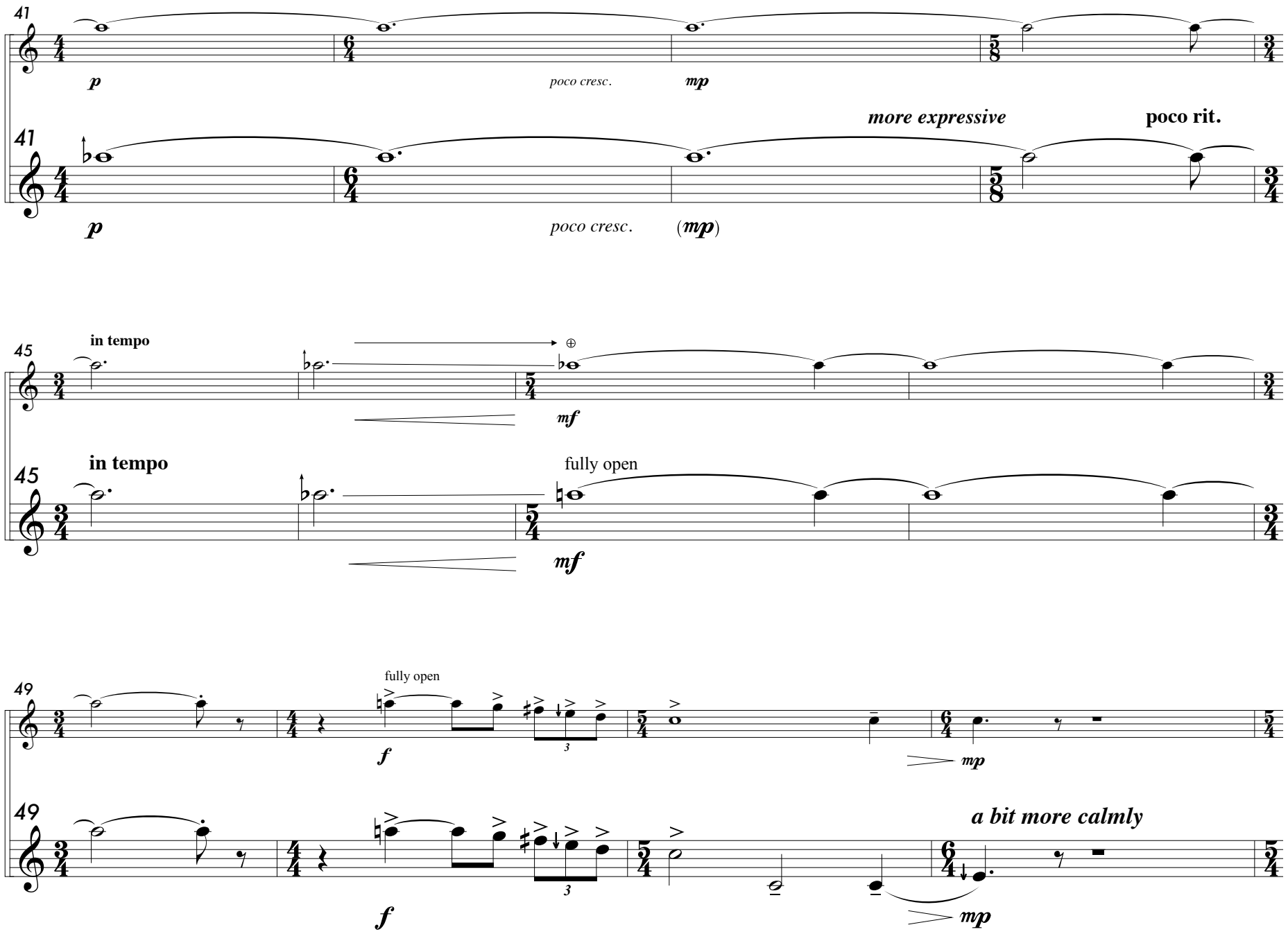
37

♩ = 72 ***affectively***

mp *molto cresc.*

p

mp



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53

53

♩ = 60

mp

mp

57

57

mf

mf

61

more active

f

firmly and precisely

61

f

65

65

69

69

73

(lower)

73

76

ff

76 ***decisively***

ff

80

poco dim.

f

steady, heavy

80

poco dim.

f

84

(***f***)

gradually open and raise pitch

fully open

84

(***f***)

gradually open and raise pitch

fully open

88

ord.

ff

poco dim.

actively, vigorously

ord.

88

ff

poco dim.

91

2

2

91

2

2

95

fully open

ord.

gliss.

fully open

fp

f

95

fully open

ord.

gliss.

fully open

ord.

fp

f

99

ff

3

f

5

99

gliss. gesture

ff

f

3

102

molto diminuendo

ff

10

mp

102

sostenuto

poco rit.

molto diminuendo

(♪=♩) ♩ = 80 ***calmly***

3

9

ff

10

mp

106

p

106

cantabile

poco rit.

fully open

p

mp

poco cresc.

110

110

♩ = 54 add color with delicate vibrato and/or microtonal wobbling

fully open ⊕ fully open

p subito (*mf*) (*p*) (*mp*) *p*

113

equal-tempered third, in unisono with the soloist

fz boldly, surprisingly *mf*

113

fully open

fz boldly, surprisingly *mf*

116

mp *fp*

116

playfully (giocosamente) articulate very clearly fully open bend

mp *fp* *molto cresc.*

119

calming down change to C bass horn

f *mp*

119

calming down

f *mp* *mf* *p* *p*

124

♩ = 66 *warmly and affectively* **poco ritardando**

128

in tempo

II

Natural horn in C (bass)

♩ = 108 *bouncy and rhythmic, dance-like*

f

Natural horn in G

♩ = 108 *bouncy and rhythmic, dance-like*

f

4

f

f

9

f

f

f

f

13

f

meno forte

gliss.

sf

f

5

5

5

meno forte

17

gliss.

mf

gliss.

mf

21

mp *mf*

(fully open)

gliss.

mf

26

bend (with embouchure)

30

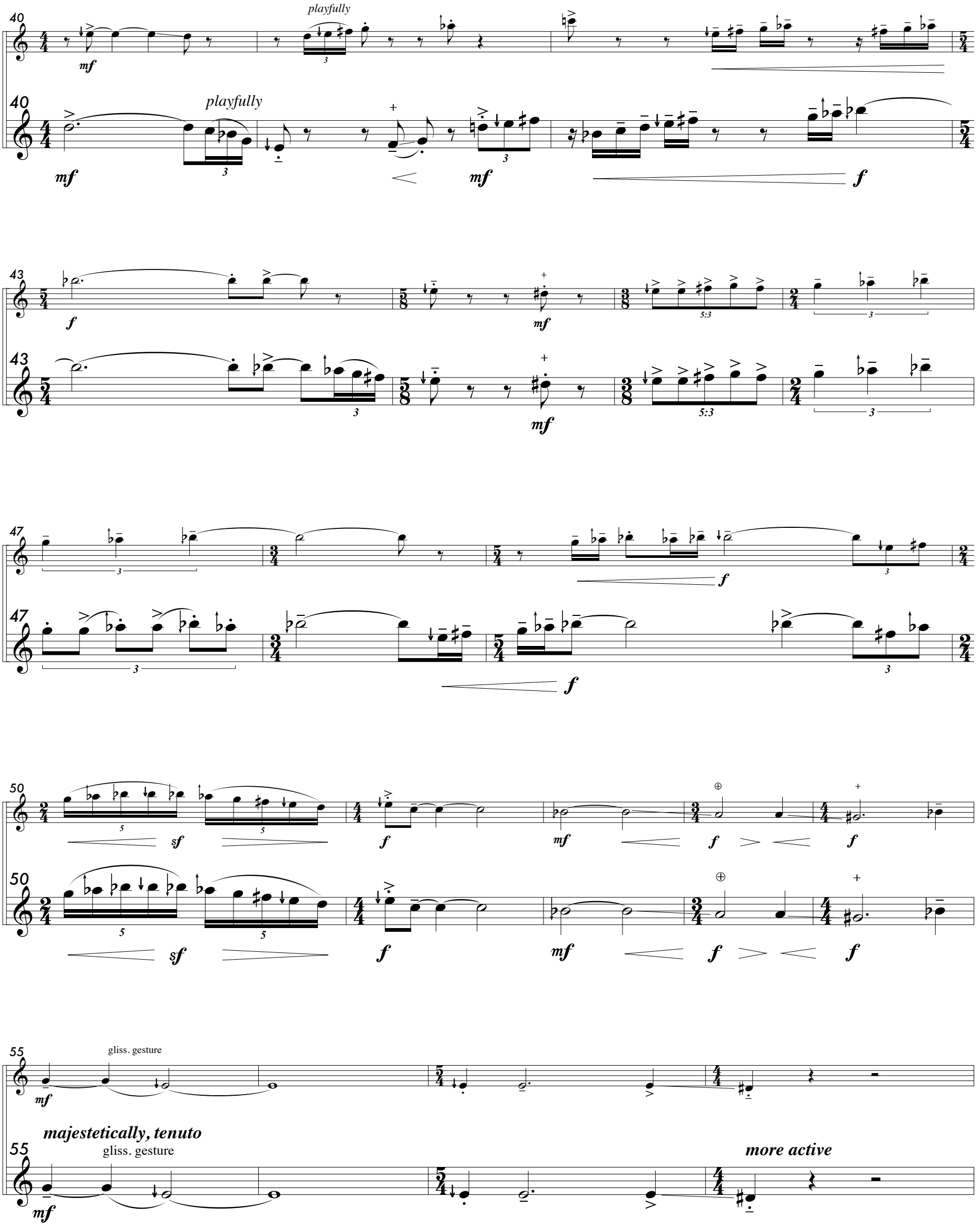
f

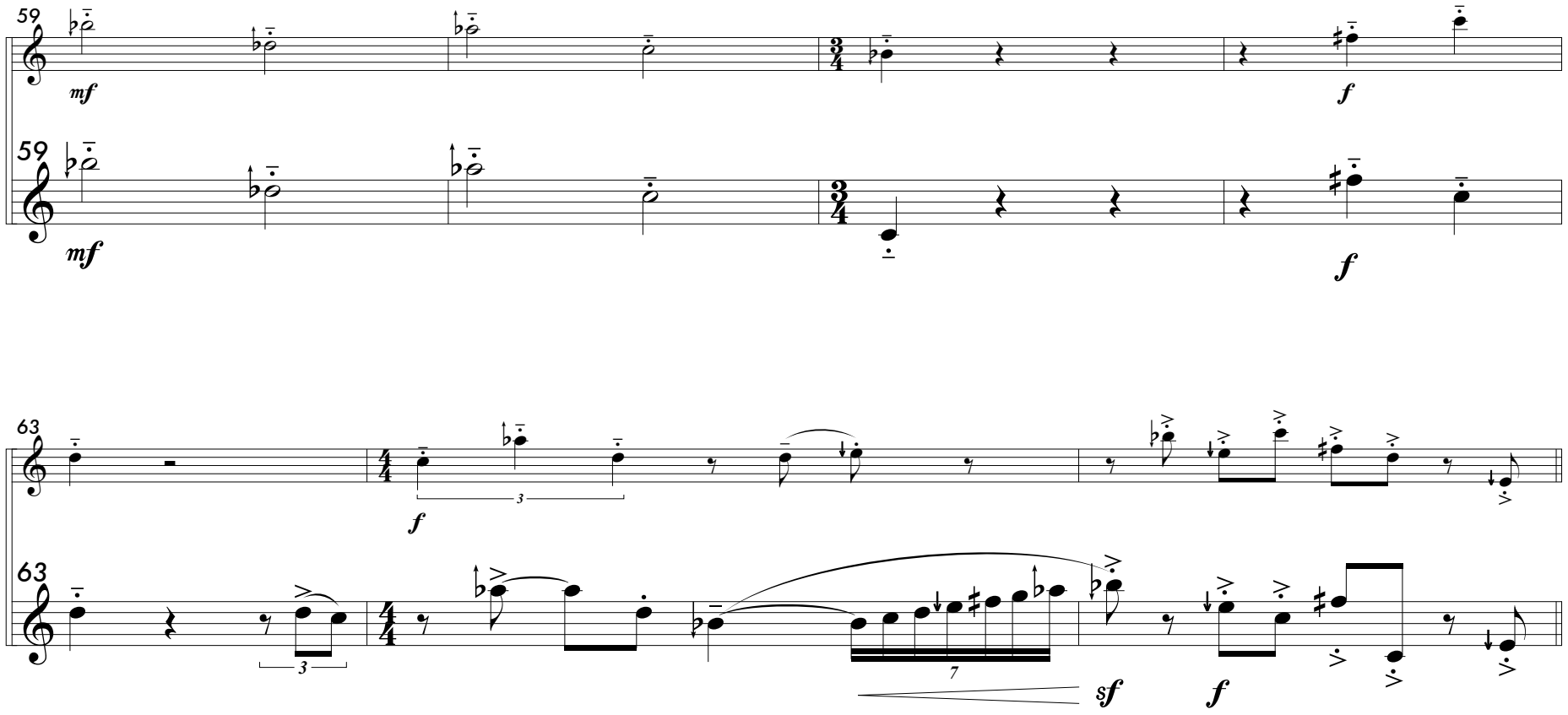
f

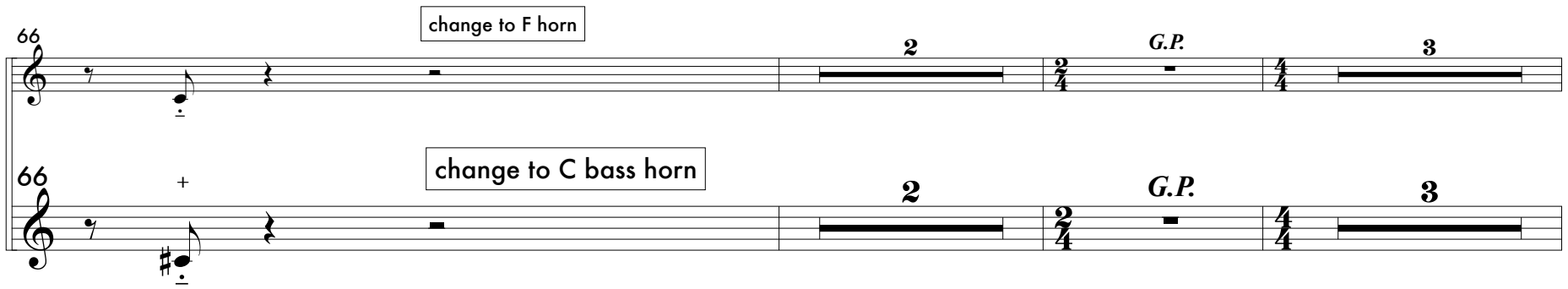
34

calming down

in tempo


playfully
playfully
gliss. gesture
majestetically, tenuto
gliss. gesture
more active





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73 Natural horn in F

mp *mf*

73 Natural horn in C (bass)

mp *mf*

77 *decisively*

f *mf* *poco a poco crescendo*

77 *decisively*

f *mf* *poco a poco crescendo*

82

15. 16. 17. 18. 19.

82

ff *meno forte*

86

21. 17. 18. 19. 22.

86

mf *poco cresc.* *f*

90

23. 24. 22. 21. 20. 19. 18. 17. 19. 20. 21. 22. 18. 16. 15.

90

sf *sf*

94

meno forte

with stamina & accurate rhythmic drive

16. 20. 17. 15. 16.

94

meno forte

with stamina & accurate rhythmic drive

97

97

101

101

15. 16.

105

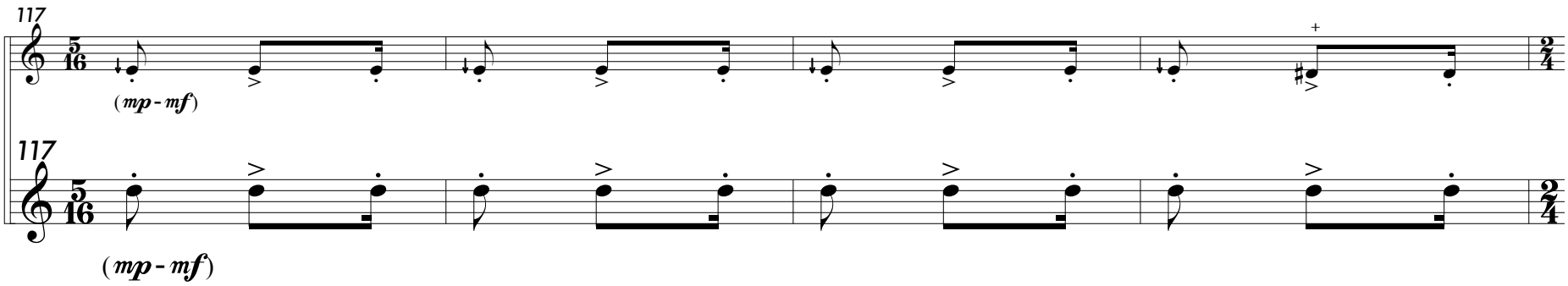
105

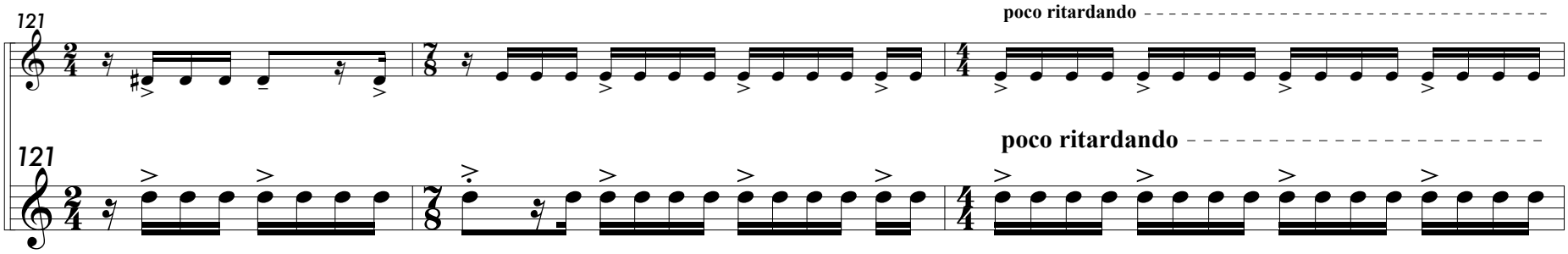
110

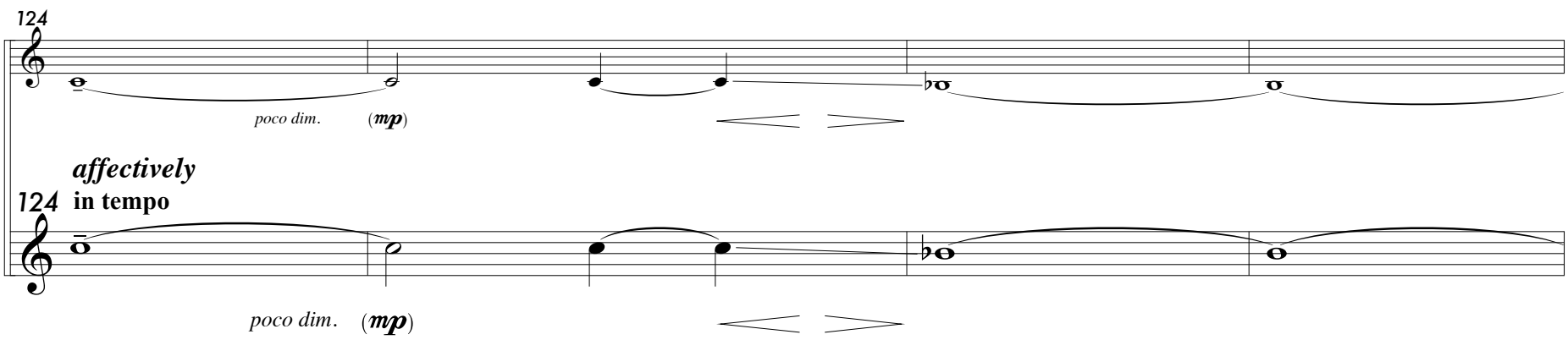
3

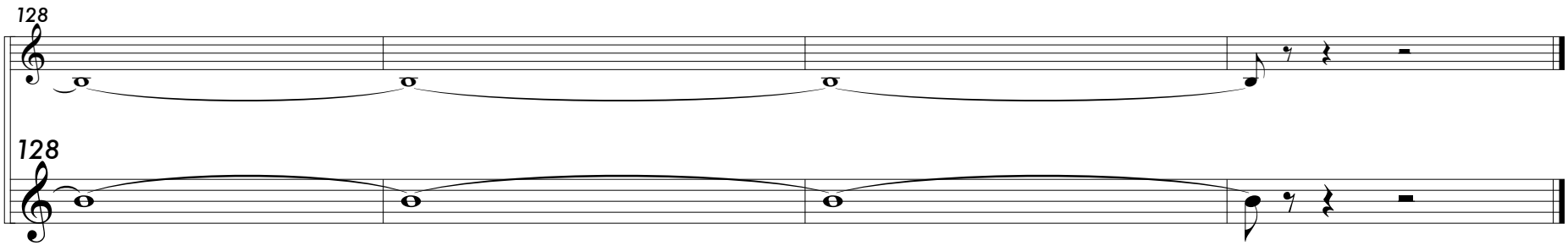
110

3


117
(mp - mf)
117
(mp - mf)


121
poco ritardando
poco ritardando
121


124
poco dim.
(mp)
affectively
in tempo
124
poco dim.
(mp)


128
128

III

Natural horn (in F)

Natural horn in C (bass)

♩ = 50 *transparently and calmly*

p

p

5

5

(*p*)

9

9

bend

p

mp

mp

mf

mf

13

13

molto dim.

molto dim.

15. 18. 15. 17. 16.

p

p

17

17

gliss.

molto cresc.

molto dim.

molto cresc.

molto dim.

(*f*)

(*f*)

21

mp *mf*

21

mp *mf*

24

mp

24

mp

28

mf

28

mf *fp* *mp*

32

gliss. gliss. gliss. rich metallic sound

32

f

36

more gently

with color and warmth

fully stopped

36

mf

39

3

17.

pp

solo cadenza

penetrating

44

18.

fz *fp*

more tranquil

light gliss.

+

mp

sing

play

mp

48

gliss.

52

(play)

+ + gliss.

3 3

f

play

create and maintain strong interference

fp

sing: minor 7th down from the 11th partial

mf

55

mf

3 3

fp

3

mp

(fully open)

58

+ + + +

4

mf

sing

play

62

f

65

fp

affectively

mf

68

mp

mf

68

73

73

transparently and calmly

with the winds, not a soloistic line

17. 16.

mp

78

mf

molto

p subito

15.

affectively

16.

78

mf

molto

3

p subito

82

mf

p

p

82

mf

p

p

87

mf

(*mf*)

87

mf

(*mf*)