

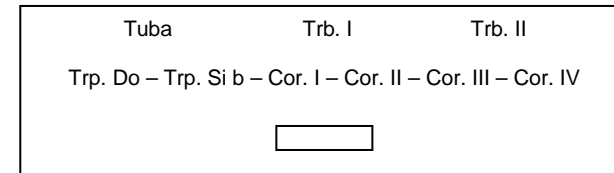
# magma I




buenos aires, 1966/1967

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instrumentos:

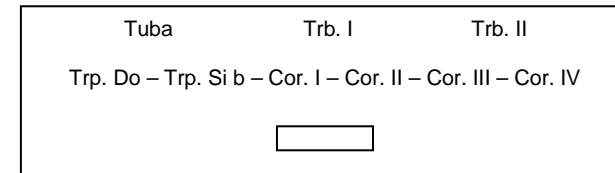
- trompeta en do
- trompeta en si bemol
- 4 cornos en fa - si bemol
- 2 trombones tenor-bajo en si bemol
- tuba contrabajo en do - si bemol






- 1) todos los instrumentos está escritos en notas reales.
- 2) cada compás corresponde a un segundo.
- 3) los instrumentistas respirarán donde les sea necesario, lo más imperceptiblemente posible.
- 4)  $\downarrow$  =  $\frac{1}{4}$  de tono desc.
- 5)  $\uparrow$  =  $\frac{1}{4}$  de tono asc.
- 6) nor. = normal.
- 7)  = vibrato lento de  $\frac{1}{4}$  de tono (en los trombones con la vara).
- 8)  = vibrato rápido.
- 9) la escala dinámica es *ppp - pp - p - mp - mf - f - ff - fff*
- 10) X = soplar dentro del instrumento sin producir altura.
- 11) los *glissandi* se ejecutarán rápidamente.
- 12)  = lo más rápidamente posible.

instruments:

- trumpet in C
- trumpet in Bb
- 4 horns in F-Bb
- 2 tenor-bass trombones in Bb
- contrabass tuba in C-Bb



- 1) all instruments sound as written.
- 2) each measure corresponds to a second.
- 3) the players can breathe wherever they need, but imperceptibly.
- 4)  $\flat$  = quarter-tone lower than flat.
- 5)  $\sharp$  = quarter-tone higher than sharp.
- 6) nor. = normal.
- 7)  = slow quarter-tone vibrato (trombones with the slide).
- 8)  = fast vibrato.
- 9) the dynamic scale is *ppp* - *pp* - *p* - *mp* - *mf* - *f* - *ff* - *fff*.
- 10) X = breathe into the instruments without producing any pitch.
- 11) the glissandi must be played quickly.
- 12)  = as fast as possible.

# magma I (1967)

♩ = 60 M.M. = 1/4

① ← 1" →

**Trompeta en Do**  
4/4  
1 2 3 4 5 6 nor. 7 8 9 10  
*fff* sempre

**Trompeta en Si b**  
4/4  
*fff* sempre Fr. nor.

**Corno I**  
4/4  
#  
*fff* sempre

**Corno II**  
4/4  
#  
*fff* sempre Fr. nor.

**Corno III**  
4/4  
#  
*fff* sempre

**Corno IV**  
4/4  
#  
*fff* sempre

**Trombón I**  
4/4  
#  
*fff* sempre

**Trombón II**  
4/4  
#  
*fff* sempre Fr.

**Tuba**  
4/4  
#  
*fff* sempre Fr. nor.

②

Trp. Do

Trp. Si b

Cor. I

Cor. II

Cor. III

Cor. IV

Trb. I

Trb. II

Tuba

3:2

5:4

sfff

nor.

Fr.

+

o

3:2

3:2



④

Trp. Do

Trp. Si b

Cor. I

Cor. II

Cor. III

Cor. IV

Trb. I

Trb. II

Tuba

Fr.

nor.

5:4

1 2 3 4 5 6 7 8 9 10





7

Trp. Do

portato 2 3 4 5 Fr. 6 7 8 nor. 9 10

sempre *fff*

Trp. Si b

sempre *fff* portato Fr.

Cor. I

sempre *fff* II gliss.

Cor. II

sempre *fff* I gliss.

Cor. III

sempre *fff*

Cor. IV

sempre *fff* III gliss.

Trb. I

molto portato e vibrato

sempre *fff*

Trb. II

molto portato e vibrato

sempre *fff*

Tuba

sempre *fff* 3:2

8 tutti sempre *fff*

Trp. Do

Trp. Si b

Cor. I

Cor. II

Cor. III

Cor. IV

Trb. I

Trb. II

Tuba

Fr.

nor.

gliss.

III

IV

3:2

5:4

tacet a

17

17

13

13

17

9

Cor. I

Cor. II

Cor. III

Cor. IV

*p* *sf* *pp* *ppp* *mp*

sordina

6:4 5:4 3:2

10

Cor. I

Cor. II

Cor. III

Cor. IV

*p* *mf* *pp* *f* *pp* *p* *pp* *mf* *pp*

*pp* *mf* *pp*

3:2 5:4 6:4

11

Cor. I  
Cor. II  
Cor. III  
Cor. IV

via sordina

*ppp* *p* *pp* *f* *sfp* *mp* *p* *pp*  
*ppp* *p* *pp* *f* *p* *mf*  
*ppp* *p* *pp* *f* *p*  
*ppp* *p* *pp* *f* *sfp* *mf* *p*

5:4 5:4 5:4 5:4 3:2

12

Cor. I  
Cor. II  
Cor. III  
Cor. IV

via sordina

*p* *sf* *p* *mp* *mf* *f* *p*  
*p* *sfp* *p*  
*p* *sf* *p*  
*p* *sf* *p*

3:2 3:2 5:4 5:4 5:4 6:4 6:4

tutti  
i corni  
tacet  
al 22

10" de pausa \_\_\_\_\_ (2'10)

13

Trb. I *sord. wawa*

Trb. II *sord. cartón*

Measures 13-14. Trb. I: *sord. wawa*. Dynamics: *mp*, *p*, *mp*, *f*, *p*, *f*, *p*. Ratios: 3:2. Trb. II: *sord. cartón*. Dynamics: *mp*. Ratio: 3:2.

14

Trb. I

Trb. II

Measures 14-15. Trb. I: Dynamics: *p*, *mp*, *p*. Ratios: 3:2, 5:4, 3:2, 5:4. Trb. II: Dynamics: *p*, *mp*, *f*, *p*. Ratios: 3:2, 5:4, 6:4, 3:2.

15

Trb. I

Trb. II

Measures 15-16. Trb. I: Dynamics: *mp*, *p*, *mp*, *p*. Ratios: 5:4. Trb. II: Dynamics: *mf*, *mp*, *p*, *p*. Ratios: 5:4, 5:4.



19

Trp. Do

Trp. Si b

Tuba

*tr*

*mp* *f* *ff*

sord. wawa

3:2

5:4

Detailed description: This system covers measures 19 and 20. The Trp. Do part starts with a tremolo in measure 19, then plays a sequence of notes: G4 (half), A4 (quarter), B4 (quarter), C5 (quarter), B4 (quarter), A4 (quarter), G4 (quarter), F#4 (quarter), E4 (half). Dynamics range from *mp* to *ff*. The Trp. Si b part has a tremolo in measure 19, then notes: G3 (half), F#3 (quarter), E3 (quarter), D3 (quarter), C3 (quarter), B2 (quarter), A2 (quarter), G2 (quarter), F#2 (quarter), E2 (half). Dynamics range from *mp* to *f*. The Tuba part has a tremolo in measure 19, then notes: G2 (half), F#2 (quarter), E2 (quarter), D2 (quarter), C2 (quarter), B1 (quarter), A1 (quarter), G1 (quarter), F#1 (quarter), E1 (half). Dynamics range from *mp* to *f*. Ratios 3:2 and 5:4 are indicated between measures 8 and 9.

20

Trp. Do

Trp. Si b

Tuba

*pp* *sfp* *sf* *ppp*

5:4

6:4

*pp* *sf* *ppp* *sf*

Detailed description: This system covers measures 20 and 21. The Trp. Do part has notes: G4 (half), A4 (quarter), B4 (quarter), C5 (quarter), B4 (quarter), A4 (quarter), G4 (quarter), F#4 (quarter), E4 (half), D4 (quarter), C4 (quarter), B3 (quarter), A3 (quarter), G3 (quarter), F#3 (quarter), E3 (half). Dynamics range from *pp* to *sf*. The Trp. Si b part has notes: G3 (half), F#3 (quarter), E3 (quarter), D3 (quarter), C3 (quarter), B2 (quarter), A2 (quarter), G2 (quarter), F#2 (quarter), E2 (half), D2 (quarter), C2 (quarter), B1 (quarter), A1 (quarter), G1 (quarter), F#1 (quarter), E1 (half). Dynamics range from *pp* to *sf*. The Tuba part has notes: G2 (half), F#2 (quarter), E2 (quarter), D2 (quarter), C2 (quarter), B1 (quarter), A1 (quarter), G1 (quarter), F#1 (quarter), E1 (half), D1 (quarter), C1 (quarter), B0 (quarter), A0 (quarter), G0 (quarter), F#0 (quarter), E0 (half). Dynamics range from *pp* to *sf*. Ratios 5:4 and 6:4 are indicated between measures 5 and 6.

21

Trp. Do

Trp. Si b

Tuba

*sf* *ppp* *sf* *pp* *sfp* *sf* *sf* *p* *pp* *f* *ppp*

*sf* *ppp* *pp* *sfp* *sf* *sf* *p* *pp* *f* *ppp*

*sf* *pp* *sfp* *sf* *sf* *p* *pp* *f* *ppp*

via sord.

via sord.

Detailed description: This system covers measures 21 and 22. The Trp. Do part has notes: G4 (half), A4 (quarter), B4 (quarter), C5 (quarter), B4 (quarter), A4 (quarter), G4 (quarter), F#4 (quarter), E4 (half), D4 (quarter), C4 (quarter), B3 (quarter), A3 (quarter), G3 (quarter), F#3 (quarter), E3 (half). Dynamics range from *sf* to *ppp*. The Trp. Si b part has notes: G3 (half), F#3 (quarter), E3 (quarter), D3 (quarter), C3 (quarter), B2 (quarter), A2 (quarter), G2 (quarter), F#2 (quarter), E2 (half), D2 (quarter), C2 (quarter), B1 (quarter), A1 (quarter), G1 (quarter), F#1 (quarter), E1 (half). Dynamics range from *sf* to *ppp*. The Tuba part has notes: G2 (half), F#2 (quarter), E2 (quarter), D2 (quarter), C2 (quarter), B1 (quarter), A1 (quarter), G1 (quarter), F#1 (quarter), E1 (half), D1 (quarter), C1 (quarter), B0 (quarter), A0 (quarter), G0 (quarter), F#0 (quarter), E0 (half). Dynamics range from *sf* to *ppp*. The text "via sord." appears on the right side of the Trp. Do and Trp. Si b staves.

**tutti *fff***

22

Fr. 2 6:4 3 nor. 4 5 6 7 8 9 6:4 10

Trp. Do

Trp. Si b

Cor. I

Cor. II

Cor. III

Cor. IV

Trb. I

Trb. II

Tuba



tutti *ff*

24

Trp. Do

Trp. Si b

Cor. I

Cor. II

Cor. III

Cor. IV

Trb. I

Trb. II

Tuba

2 3 4 5 6 7 8 9 10

Fr. nor. Fr. nor.

6:4

6:4

Fr. nor. + o +

Fr. nor. + o 6:4

5:4 3:2



tutti *f*

(26)

Trp. Do

Trp. Si b

Cor. I

Cor. II

Cor. III

Cor. IV

Trb. I

Trb. II

Tuba

1 2 3 4 5 6 7 8 9 10

IV gliss.

Fr. nor.

5:4

5:4

5:4

3:2



tutti *mf*

(28)

Trp. Do

Trp. Si b

Cor. I

Cor. II

Cor. III

Cor. IV

Trb. I

Trb. II

Tuba

1 2 3 4 5 6 7 8 9 10

sord. cartón

Fr.

sord. wawa

sord.

3:2

3:2

Fr.

nor.

sord. metal

sord. muda

Fr.

29

Trp. Do

Trp. Si b

Cor. I

Cor. II

Cor. III

Cor. IV

Trb. I

Trb. II

Tuba

1 2 3 4 5 6 7 8 9 10

3:2

Detailed description: This is a page of a musical score for brass instruments, numbered 21 in the top right corner. The score covers measures 29 through 38. The instruments listed on the left are Trp. Do (Trumpet in D), Trp. Si b (Trumpet in B-flat), Cor. I (Coronet I), Cor. II (Coronet II), Cor. III (Coronet III), Cor. IV (Coronet IV), Trb. I (Trombone I), Trb. II (Trombone II), and Tuba. The score is written on ten staves. Measure 29 is marked with a circled '29'. The Trp. Do staff has a whole note in measure 5 and a whole rest in measure 8. The Trp. Si b staff has a quarter rest in measure 3, a quarter note in measure 4, and a quarter rest in measure 5. The Cor. I and II staves have quarter notes in measure 1. The Cor. III staff has a quarter note in measure 1. The Cor. IV staff has a quarter note in measure 1 with a circled plus sign above it. The Trb. I staff has a quarter rest in measure 6, a quarter note in measure 7, and a quarter note in measure 8, with a 3:2 ratio indicated above the notes in measures 7 and 8. The Trb. II staff has a quarter rest in measure 2, a quarter note in measure 3, and a whole note in measure 9. The Tuba staff has a whole rest in measure 1.

tutti *mp*

30

Trp. Do

Trp. Si b

Cor. I

Cor. II

Cor. III

Cor. IV

Trb. I

Trb. II

Tuba

2 3 4 5 6 7 8 9 10

sord.

3:2

3:2

3:2

Detailed description: This is a page of a musical score for brass instruments, starting at measure 30. The score is written for Trp. Do, Trp. Si b, Cor. I, Cor. II, Cor. III, Cor. IV, Trb. I, Trb. II, and Tuba. The tempo and dynamics are marked 'tutti mp'. Measure numbers 2 through 10 are indicated above the staves. The Trp. Do part has a single note in measure 7. The Trp. Si b part has a single note in measure 5. The Cor. I part has notes in measures 4, 5, and 9, with a circled plus sign above the note in measure 5. The Cor. II part has notes in measures 4, 5, and 9, with a 3:2 ratio bracket above the note in measure 9. The Cor. III part has notes in measures 2, 3, 4, and 7, with a circled plus sign above the note in measure 2. The Cor. IV part has notes in measures 2, 3, 4, 5, 7, and 8, with a circled plus sign above the note in measure 2, a circled plus sign above the note in measure 3, and the word 'sord.' above the note in measure 4. The Trb. I part has notes in measures 2, 5, 7, and 8, with a circled plus sign above the note in measure 2, and 3:2 ratio brackets above the notes in measures 5 and 7. The Trb. II part has notes in measures 3, 4, and 5, with a circled plus sign above the note in measure 5. The Tuba part has notes in measures 5, 6, and 7.

31

Trp. Do

Trp. Si b

Cor. I

Cor. II

Cor. III

Cor. IV

Trb. I

Trb. II

Tuba

sord. muda

via sordina

sord.

sord.

sord.

sord. cartón

3:2

3:2

3:2

3:2

tutti *p*

32

Trp. Do

Trp. Si b

Cor. I

Cor. II

Cor. III

Cor. IV

Trb. I

Trb. II

Tuba

via sordina

Fr. nor. Fr. nor.

Fr. nor.

1 2 3 4 5 6 7 8 9 10





35

Trp. Do

Trp. Si b

Cor. I

Cor. II

Cor. III

Cor. IV

Trb. I

Trb. II

Tuba

5:4

3:2

Fr.

nor.

1 2 3 4 5 6 7 8 9 10

Detailed description: This is a page of a musical score for a brass ensemble, numbered 35. It contains ten staves for different instruments: Trp. Do (Trumpet in D), Trp. Si b (Trumpet in B-flat), Cor. I (Cornet I), Cor. II (Cornet II), Cor. III (Cornet III), Cor. IV (Cornet IV), Trb. I (Trumpet I), Trb. II (Trumpet II), and Tuba. The score is written in 2/4 time. Measure 1 shows the start of the piece. Measures 2-4 contain sparse notes for various instruments. Measure 5 features a 5:4 ratio bracket over the Trp. Do staff and a 3:2 ratio bracket over the Cor. II staff. Measure 6 continues the 5:4 ratio in the Trp. Do staff. Measure 7 has a note in the Trp. Si b staff. Measure 8 has a note in the Trb. I staff. Measure 9 has a note in the Tuba staff. Measure 10 has a note in the Tuba staff. Performance instructions 'Fr.' and 'nor.' are written in the Trb. II staff in measures 3 and 4 respectively. The page number 27 is in the top right corner.



*tutti ppp*

(37)

The score is for a brass section and includes the following parts and markings:

- Trp. Do:** Treble clef. Measures 1-5 contain a melodic line with a 5:4 ratio bracket. Measure 2 has a fermata. Measure 3 has a rest marked with an 'x'.
- Trp. Si b:** Treble clef. Measure 1 has a rest marked with an 'x'. Measure 7 has a note with a fermata.
- Cor. I, II, III, IV:** Bass clef. Measures 4-5 have notes with fermatas. Measures 9-10 have notes with fermatas and rests marked with 'x'.
- Trb. I:** Bass clef. Measure 5 has a rest marked with an 'x'. Measure 6 has a wavy line indicating a tremolo.
- Trb. II:** Bass clef. Measure 3 has a note with a fermata and a rest marked with an 'x'. Measure 6 has a note with a fermata and a 3:2 ratio bracket.
- Tuba:** Bass clef. Measures 1, 2, 4, and 5 have notes with fermatas. Measure 8 has a rest marked with an 'x'. Measures 9-10 have notes with fermatas and rests marked with 'x'.