

Christopher Stark

C A S C A D E

for trumpets, strings, and electronics

(2018-19)

Commissioned by the Los Angeles Philharmonic Association
Gustavo Dudamel, Music & Artistic Director

Instrumentation

4 Trumpets (2 in C and 2 in B-flat; see note below)

Strings (4.3.3.3.1 minimum)

Electronics (performed by a technician on stage)

Stereo playback cued with Max/MSP Software. The sound diffusion setup should be designed so that the electronics blend seamlessly with the ensemble.

Notes for the Conductor

- Electronics Cue One should be triggered immediately after the audience begins applauding the conductor's entrance to the stage.
- Electronics Cue Two should be triggered immediately after the audience stops applauding after the conductor bows.
- The conductor should wait approximately 70 seconds before the downbeat of measure three. The electronics will be quite loud at this point.
- The electronics should match the level of the ensemble and should *never* be softer or thought of as an accompaniment – they are an equal partner, and at their peak level, they may be louder than the ensemble, which is desirable.
- The looped playback in measures 65-116 and 142-299 will be out of sync with the ensemble, which is inevitable and desirable. The conductor should not try to perform in time with the playback.

Notes for the Performers

Trumpets:

- The use of both C and B-flat trumpets is to facilitate intonation issues which arise from the harmon mute technique in measures 3-77 and 147-291.
- All players will need an implement (rubber band/hair tie) to secure the third valve slide for certain pitches while performing harmon mute technique.
- Blowing air through the trumpet in measures 302-350 should produce a clear and definite pitched resonance which will sound a minor 2nd higher than concert pitch. Leave mouthpiece in normal position for this technique (do not reverse it or remove it).

Strings:

- In divisi sections, each player should play as if they are a soloist, so that the dense tone clusters maintain as best as possible an even balance throughout all of the registers.
- Microtonal accidentals used throughout indicate to alter the pitch slightly sharp and slightly flat; just enough to sound slightly out of tune.

Score Notated in C

Duration ca. 12'30"

CASCADE

Christopher Stark

Without measurePiece begins
when the conductor
enters the stageCue when
audience stops
clapping $\approx 20''$ $\approx 70''$ **In time, with impeccable ambience, emerge from the "noise" ($\downarrow = 60$)**

**harmon mute, stem in, open/close as smoothly as poss., minimize "wah" effect at all costs
begin/end completely closed, open (•) only enough to hear the 7th partial (concert G) clearly
overtones produced by opening/closing the stem is the priority, they should be as clear and stable as poss.
when ensemble is dense, hearing overtones will be difficult, you will have to rely on the muscle memory of your hand position

Measures 3-10 for C Trumpet 1, C Trumpet 2, B♭ Trumpet 3, and B♭ Trumpet 4. Measure 3 starts with a dynamic **p**. Measures 4-5 show sustained notes with dynamics **mf**. Measure 6 starts with a dynamic **pp**. Measures 7-10 show sustained notes with dynamics **pp**.

Measure 3 starts with a dynamic **p**. The score indicates that "applause sample" begins at this point, followed by "applause begins layering and becomes 'noise'". The "noise" is filtered into an A220 harmonic series. The dynamic **fff** decresc. poco a poco to measure 27 is specified. A note states: "match level to audience, as close as possible".

Measure 3 starts with a dynamic **p**. The score indicates three electronic cues: **ONE**, **TWO**, and **THREE**.

Without measure**In time, with impeccable ambience, emerge from the "noise" ($\downarrow = 60$)**

Measures 3-10 for Violin I (4 players), Violin II (3 players), Viola (3 players), Cello (3 players), and Bass (1 player). The score indicates dynamic levels and performance techniques for each instrument.

11 12 13 14 15 16 17 18

Tpt. 1 Tpt. 2 Tpt. 3 Tpt. 4 Elecs.

≡

19 20 21 22 23 24 25 26

Tpt. 1 Tpt. 2 Tpt. 3 Tpt. 4 Elecs.

n

≡

27 28 29 30 31 32 33 34

Tpt. 1 Tpt. 2 Tpt. 3 Tpt. 4 Elecs.

Trumpet 1 mm. 3-6 looped @ 75% playback speed simile @ 50% playback speed

p technician should balance level to be equal with the live trumpets

Cues FOUR FIVE

35 36 37 38 39 40 41 42

Tpt. 1 +
Tpt. 2 + → o → +
Tpt. 3 -
Tpt. 4 o → +
 mf → pp

Elecs. { simile @ 25% playback speed
 mf → p → mf

Cues **SIX** **SEVEN**

43 44 45 46 47 48 49 50

Tpt. 1 -
Tpt. 2 + → o → +
Tpt. 3 pp
Tpt. 4 mf → pp

Elecs. { simile @ 12.5% playback speed
 A → p cresc.

Cues **EIGHT**

51 52 53 54 55 56 57 58

Tpt. 1 -
Tpt. 2 + → o → +
Tpt. 3 pp
Tpt. 4 mf → pp

Elecs. { () → () → ()

A little faster, with energy ($\text{J} = 69$)

59

Tpt. 1

Tpt. 2

Tpt. 3

Tpt. 4

Elecs.

60

61

p

mf

pp

p

mf

pp

pp

8va

A little faster, with energy ($\text{J} = 69$)

on the string

Vln. I

ppp

on the string

Vln. II

ppp

on the string

Vla.

ppp

non div., on the string

Vc.

ppp

on the string

D. b.

ppp

62

63

64

gliss., bend slightly out of tune

gliss.

gliss. only II, bend slightly out of tune

gliss.

f

f

f

f



62

63

64

Tpt. 1

Tpt. 3

Tpt. 4

Elecs.

mf

p

pp

gliss., bend slightly out of tune

Vln. I

pp

Vln. II

pp

Vla.

pp

Vc.

pp

D. b.

pp

65

Tpt. 1

Tpt. 2

Tpt. 3

66

pp

p

mf

67

68

Elecs.

Strings mm. 59-66 looped (loops in playback will be slightly rhythmically out of sync, which is desirable)

technician should balance level to be equal with the live strings

NINE

Cues

Vln. I

Vln. II

Vla.

Vc.

Db.

=

69

70

71

72

Tpt. 1

Tpt. 2

Tpt. 3

Tpt. 4

Elecs.

Vln. I

Vln. II

Vla.

Vc.

Db.

+
p
+
mf
+ mute out
pp
+
p

gliss.
f
gliss.
f
gliss.
f
gliss.
f
gliss.
f

73

74

75

76

Tpt. 1

Tpt. 4

Elecs.

+ Strings mm. 67-74 looped

TEN

Cues

Vln. I

gliss. 6 6 non div. 5 5 5 5 f

Vln. II

6 6 non div. 5 5 5 5 f

Vla.

gliss. 6 6 5 5 5 5 f

Vc.

6 6 5 5 5 5 f

Db.

6 6 5 5 5 5 f

mute out



77 + mute out

Tpt. 4 *pp*

78

79

80

Elecs. + Strings mm. 75-78 looped

ELEVEN

Cues

Vln. I gliss. only IV

Vln. II

Vla. gliss. 5 5

Vc.

D. b. 5 5 5

81

Elects.

Vln. I

Vln. II

Vla.

Vc.

Db.

82

83

84

2

85 + Strings mm. 79-86 looped

86

87

88

Elecs.

Cues TWELVE

Vln. I gliss. *f*

Vln. II gliss. *f*

Vla. gliss. *f*

Vc.

D. b. *f*

2

89

90

91

Elecs.

Vln. I

Vln. II

Vla.

Vc.

D. B.

92

93 + Strings mm. 87-94 looped

94

Elecs.

Cues

Vln. I

Vln. II

Vla.

Vc.

Db.

THIRTEEN

gliss.

f

gliss.

f

gliss.

f

二

95

Elecs.

96

Vln. I *pp*

Vln. II *pp*

Vla. *pp*
non div.

Vc. *pp*

Db. *pp*

5 6

97

gliss.

98

f

f

f

f

gliss. only II

f

f

2

99

100

101

+ Strings mm. 95-100 looped

102

Elecs.

5
6

Cues

FOURTEEN

Vln. I

pp

gliss.

Vln. II

pp

gliss.

Vla.

pp

gliss.

Vc.

pp

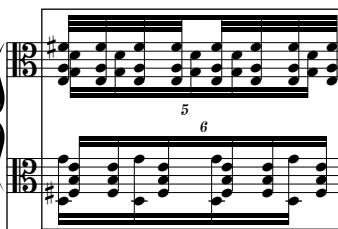
f

Db.

pp

f

103

Elecs. {  5 6

Vln. I non div. gliss. simile

Vln. II non div. gliss. simile

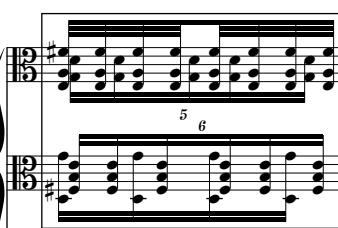
Vla. gliss. non div. simile

Vc. non div. sempre gliss. simile

D. pp f pp f pp f pp f pp f



109

Elecs. {  5 6

Cues 

Digital version of audience "noise"

n

FIFTEEN

Vln. I pp f pp f pp f pp f pp f

Vln. II pp f pp f pp f pp f pp f

Vla. pp f pp f pp f pp f pp f

Vc. pp f pp f pp f pp f pp f

D. pp f pp f pp f pp f pp f

D on open string

non div.

122

123 124 125 126 127

Tpt. 1 *fff* *ffp* *ff* *ffp*
 Tpt. 2 *fff* *ffp* *ff* *ffp*
 Tpt. 3 *fff* *ffp* *ff* *ffp*
 Tpt. 4 *fff* *ffp* *ff* *ffp*

Elecs. Cutoff "noise" Slowed down trumpet samples *ffp* *ffp* *ffp*
 n!
 SEVENTEEN EIGHTEEN NINETEEN TWENTY

Cues div. a4, free bowing **molto accel.**

Vln. I *ff sempre, molto espressivo* *ff sempre, molto espressivo*
 div. a3, free bowing
 Vln. II *ff sempre, molto espressivo* *ff sempre, molto espressivo*
 div. a3, free bowing
 Vla. *ff sempre, molto espressivo* *ff sempre, molto espressivo*
 div. a3, free bowing
 Vc. *ff sempre, molto espressivo* *ff sempre, molto espressivo*
 Bartók pizz.
 Db. *ffffz* arco, free bowing *ff sempre, molto espressivo*

128 129 130

Tpt. 1 ff ffp ff ffp ff fff
Tpt. 2 ff ffp ff ffp ff fff
Tpt. 3 ff ffp ff ffp ff fff
Tpt. 4 ff ffp ff ffp ff fff

Elecs. ffp ff fff

Double-time (♩ = 138)
change to harmon mute, stem in

TWENTY-ONE **TWENTY-TWO** **23** **24** **25** **26**

Cues

Double-time (♩ = 138)

Vln. I fff pp sub.
Vln. II fff pp sub.
Vla. fff pp sub.
Vc. fff pp sub.
Db. fff pp sub.

132 133

Vln. I Vln. II Vla. Vc. Db.

134 135 136

Vln. I Vln. II Vla. Vc. Db.

gliss. gliss. gliss. gliss. gliss.

2

140

141

142

143

Strings mm. 135-144 looped (will be out of sync, as before)

TWENTY-SEVEN

Elecs.

Cues

Vln. I

Vln. II

Vla.

Vc.

Db.

2

148 149 150 151 152

Tpt. 1 Tpt. 2 Tpt. 3 Tpt. 4

mf mf mf mf

pp pp pp pp

pp pp pp pp

pp pp pp pp

pp

+ Strings
mm. 145-154
looped

Elecs.

Strings mm. 135-144 looped @ 50% playback speed

Trumpets mm. 147-152 looped @ 50% playback speed

Cues

TWENTY-EIGHT TWENTYNINE THIRTY

Vln. I Vln. II Vla. Vc. Db.

gliss. gliss. gliss. gliss. gliss.

pp pp pp pp pp

f f f f f

gliss. gliss. gliss. gliss. gliss.

pp pp pp pp pp

f f f f f

155

153 154 155 156

Elecs.

Vln. I Vln. II Vla. Vc. Db.

gliss. gliss. gliss. gliss. gliss.

pp pp pp pp pp

gliss. gliss. gliss. gliss. gliss.

pp pp pp pp pp

gliss. gliss. gliss. gliss. gliss.

157 158 159 160 161

Tpt. 1 *p* *p* *p* *mf*

Tpt. 2 *p* *p* *p* *mf*

Tpt. 3 *p* *p* *p* *mf*

Tpt. 4 *p* *p* *p* *mf*

Elecs.

+ Strings mm. 145-154 looped @ 50% playback speed

+ Trumpets mm. 157-162 looped @ 50% playback speed

Cues $\frac{2}{4}$ - $\frac{4}{4}$ - - $\frac{2}{4}$ THIRTY-ONE THIRTY-TWO $\frac{2}{4}$

Vln. I *f* *gliss.* *pp* *gliss.*

Vln. II *f* *gliss.* *pp* *gliss.*

Vla. *f* *gliss.* *pp* *gliss.*

Vc. *f* *gliss.* *pp* *gliss.*

Db. *f* *gliss.* *pp* *gliss.*

162 163 164 165 166

Tpt. 1 Tpt. 2 Tpt. 3 Tpt. 4

+ Strings mm. 155-164 looped

Elecs.

Cues THIRTY-THREE

Vln. I Vln. II Vla. Vc. Db.

167 168 169 170

Tpt. 1 Tpt. 2 Tpt. 3 Tpt. 4

Elecs.

+ Trumpets mm. 167-172 looped @ 50% playback speed

Cues

THIRTY-FOUR

Vln. I Vln. II Vla. vc. Db.

gliss. gliss. gliss. gliss. gliss.

f f f f f

pp pp pp pp pp

THIRTY-FOUR

171 172 173 174

Tpt. 1 Tpt. 2 Tpt. 3 Tpt. 4

Elecs.

+ Strings mm. 165-174 looped

+ Strings mm. 155-164 looped @ 50% playback speed

gliss.

Vln. I

gliss.

Vln. II

gliss.

Vla.

gliss.

Vc.

Db.

gliss.

f

gliss.

f

gliss.

f

gliss.

f

gliss.

pp

pp

pp

175

Tpt. 1
Tpt. 2
Tpt. 3
Tpt. 4

Elecs.

Vln. II
Vla.

176 177 178

==

179 180 181 182

Tpt. 1
Tpt. 2
Tpt. 3
Tpt. 4

Elecs.

+ Strings mm. 175-184 looped

+ Strings mm. 165-174 looped @ 50% playback speed

+ Trumpets mm. 177-182 looped @ 50% playback speed

Cues THIRTY-SEVEN THIRTY-EIGHT THIRTY-NINE

Vln. I
Vln. II
Vla.
Vc.

pp 3 3 3 3 pp 3 3 3 3 pp 3 3 3 3 pp 3 3 3 3

gloss. 3 3 3 3 gloss. 3 3 3 3 gloss. 3 3 3 3

ff ff

183 184 185 186 Exit Loop One; Strings mm. 135-144

Elecs.

Vln. I

Vln. II

Vla.

Vc.

Db.

=

187 188 189 190

Tpt. 1

Tpt. 2

Tpt. 3

Tpt. 4

183 184 185 186 Exit Loop One; Strings mm. 135-144

187 188 189 190

Elecs.

Cues

183 184 185 186 Exit Loop One; Strings mm. 135-144

187 188 189 190

Vln. I

Vln. II

Vla.

Vc.

Db.

191

Tpt. 1

Tpt. 2

Tpt. 3

Tpt. 4

192

2
4

pp

→ +

193

2
4

7

2
4

7

2
4

7

2
4

7

194

2
4

7

2
4

7

2
4

7

2
4

7

Exit Loop Two; Strings mm. 145-154

+ Strings mm. 185-194 looped

FORTY-TWO

Cues

Elec.

Vln. I

Vln. II

Vla.

Vc.

Db.

2

195

Tpt. 1
Tpt. 2
Tpt. 3
Tpt. 4
Elecs.
Vln. I
Vln. II
Vla.
Vc.
Db.

196 197 198



203 204 205 206

Elecs. {

The score consists of five systems of music. The first system (measures 203-204) shows the Electronics section (3 staves) with sustained notes. The second system (measures 204-205) shows Vln. I, Vln. II, Vla., Vc., and Db. performing glissandi. The third system (measures 205-206) shows the same instruments continuing their glissandi. Measure 206 concludes with a dynamic of **pp**.

Vln. I

Vln. II

Vla.

Vc.

D. b.

207 208 209 210

Tpt. 1 Tpt. 2 Tpt. 3 Tpt. 4

Exit Loop Three; Strings mm. 155-164

+ Strings mm. 195-204 looped @ 50% playback speed

Elects.

Exit Loop One;
Trumpets mm. 147-152 looped @ 50% playback speed

+ Trumpets mm. 207-212 looped @ 50% playback speed

Cues FORTY-SIX FORTY-SEVEN

Vln. I Vln. II Vla. Vc. Db.

gliss. gliss. gliss. 3 gliss. 3 gliss.

f f f f f

pp pp pp pp pp

211 212 213 214

Tpt. 1 Tpt. 2 Tpt. 3 Tpt. 4

pp

pp

pp

pp

Elecs.

+ Strings mm. 205-214 looped

Exit Loop Three; Trumpets mm. 167-172 looped @ 50% playback speed

Cues

FORTY-EIGHT

215

216

217

218

Tpt. 1

Tpt. 2

Tpt. 3

Tpt. 4

Elecs.

Vln. II

Vla.

unis. 5 gliss. 5 5 gliss. 5 5

pp

unis. gliss. 5 5 gliss. 5 5

pp

ff

gliss. 5 5

=

219

220

221

222

Tpt. 1

Tpt. 2

Tpt. 3

Tpt. 4

Elecs.

Cues

→ +

mf

→ +

mf

→ +

mf

→ +

pp

→ +

pp

→ +

pp

→ +

pp

+ Strings mm. 215-224 looped

Exit Loop Five; Strings mm. 175-184

Exit Loop One; Strings mm. 135-144 @ 50% playback speed

+ Strings mm. 205-214 looped @ 50% playback speed

Exit Loop Two; Strings mm. 145-154 @ 50% playback speed

+ Trumpets mm. 217-222 looped @ 50% playback speed

Exit Loop Three; Trumpets mm. 167-172 looped @ 50% playback speed

FORTY-NINE

FIFTY

FIFTY-ONE

Vln. I

Vln. II

Vla.

Vc.

unis. 5 5 gliss. 5 5 5

pp

5 5

pp

unis. 5 5 gliss. 5 5

pp

5 5

ff

223

224

225

226

Elecs. (Bassoon part)

Vln. I

Vln. II

Vla.

Vc.

D. B.



227 228 229 230

Tpt. 1 Tpt. 2 Tpt. 3 Tpt. 4

Elec. Elec. Elec.

Cues

Exit Loop Four; Trumpets mm. 177-182 looped @ 50% playback speed
+ Trumpets mm. 227-232 looped @ 50% playback speed

FIFTY-TWO

Vln. I f gliss. pp

Vln. II f gliss. pp

Vla. f pp

Vc. f pp

D. b. f gliss. pp

231 232 233 234

Tpt. 1 Tpt. 2 Tpt. 3 Tpt. 4

+ Strings mm. 225-234 looped

Elecs.

FIFTY-THREE

Cues

gliss.

Vln. I

gliss.

Vln. II

gliss.

vla.

gliss.

vc.

gliss.

Db.

235

236

237

238

Sheet music for four Trumpets (Tpt. 1, Tpt. 2, Tpt. 3, Tpt. 4) showing measures 1 through 4. The music is in common time (indicated by a '4'). Measure 1: All parts rest. Measure 2: Measures begin with a 3/4 signature. Measure 3: Measures begin with a 2/4 signature. Measure 4: Measures begin with a 3/4 signature. Dynamics: 'p' (pianissimo) is indicated for measures 3 and 4 across all parts. Articulation: Staccato dots are placed under the first note of each measure. Measure 1: All parts rest. Measure 2: Measures begin with a 3/4 signature. Measure 3: Measures begin with a 2/4 signature. Measure 4: Measures begin with a 3/4 signature.

**Exit Loop Six;
Strings mm. 185-194**

Musical staff for electric basses, consisting of three staves. The top staff is labeled "Elec." with a brace. Each staff has a bass clef, a key signature of one sharp, and a common time signature. The staff lines are black, and the spaces between them are white. The notes are represented by vertical stems extending downwards from the staff.

Cues || - - - $\frac{3}{4}$ - - - $\frac{2}{4}$ - - - $\frac{3}{4}$ - - - $\frac{4}{4}$

Musical score for strings (Vln. I, Vln. II, Vla., Vc., Db.) showing six staves of music across four measures. The score consists of two systems of two measures each. Measures 1-2 and 3-4 are identical in both systems.

Measure 1: All staves play eighth-note patterns of "3" (triplets). Dynamics: **Vln. I**: *pp*; **Vln. II**: *pp*; **Vla.**: *pp*; **Vc.**: *pp*; **Db.**: *pp*.

Measure 2: All staves play eighth-note patterns of "3". Dynamics: **Vln. I**: *f*; **Vln. II**: *f*; **Vla.**: *f*; **Vc.**: *f*; **Db.**: *f*.

Measure 3: All staves play eighth-note patterns of "3". Dynamics: **Vln. I**: *f*; **Vln. II**: *f*; **Vla.**: *f*; **Vc.**: *f*; **Db.**: *f*.

Measure 4: All staves play eighth-note patterns of "3". Dynamics: **Vln. I**: *f*; **Vln. II**: *f*; **Vla.**: *f*; **Vc.**: *f*; **Db.**: *f*.

239

Tpt. 1

Tpt. 2

Tpt. 3

Tpt. 4

240

mf

241

p

pp

242

pp

pp

pp

+ Strings
mm. 235-244
looped

3

Exit Loop Three; Strings mm. 155-164 @ 50% playback speed

+ Trumpets mm. 237-242 looped @ 50% playback speed

FIFTY-FOUR

Cues

FIFTY-FIVE

Vln. I

pp

gliss.

f

Vln. II

pp

f

Vla.

pp

f

Vc.

pp

gliss.

f

Db.

pp

gliss. 3

f

243 244 245 246

**Exit Loop Seven;
Strings mm. 195-204**

**Exit Loop Five;
Trumpets mm. 187-192
looped @ 50% playback speed**

Elecs.

Vln. I

Vln. II

Vla.

Vc.

Db.

2

247 248 249 250

Tpt. 1 Tpt. 2 Tpt. 3 Tpt. 4

Elec.

Exit Loop Four;
Strings mm. 165-174
@ 50% playback speed

Exit Loop Five;
Strings mm. 175-184
@ 50% playback speed

Musical score for strings (Vln. I, Vln. II, Vla., Vc., Db.) in 2/4 time. The score consists of five measures. Measures 1-4 show each instrument playing eighth-note patterns with dynamics *f*. Measures 5-8 show each instrument playing eighth-note patterns with dynamics *pp*. Glissando markings ("gliss.") appear in measures 2 and 5.

Vln. I Vln. II Vla. Vc. Db.

f *f* *f* *f* *f*

gliss. gliss. gliss. gliss. gliss.

pp *pp* *pp* *pp* *pp*

251

Tpt. 1

252

Tpt. 2

253

Tpt. 3

254

Tpt. 4

Elecs.

Exit Loop Eight;
Strings mm. 205-214

+ Strings mm. 245-254 looped

Exit Loop Six; Trumpets mm. 197-202 looped @ 50% playback speed

FIFTY-SIX

Musical score for strings and double bass, measures 1-4. The score consists of five staves: Vln. I (Violin I), Vln. II (Violin II), Vla. (Viola), Vc. (Cello), and Db. (Double Bass). The music is in common time (indicated by '4'). The first measure shows 'gliss.' markings above both Violins. The second measure starts with a dynamic **f**. The third measure shows 'gliss.' markings above both Cellos. The fourth measure ends with a dynamic **pp**.

gliss.

Vln. I

Vln. II

Vla.

Vc.

Db.

gliss.

gliss.

f

f

pp

255

Tpt. 1

Tpt. 3

256

257

+ *p*

258

+ *p*

Elecs.

Exit Loop Eight; Strings mm. 205-214
@ 50% playback speed

Exit Loop Seven; Trumpets mm. 207-212
looped @ 50% playback speed

Vln. I

pp

f

Vln. II

pp

f

Vla.

pp

f

Vc.

pp

f

pp

=

259

Tpt. 1

mf

Tpt. 2

p

Tpt. 3

mf

Tpt. 4

p

260

261

pp

262

263

Elecs.

Exit Loop Seven; Strings mm. 195-204 @ 50% playback speed

div.

Vln. I

pp

f

pp

unis.

Vln. II

pp

f

pp

Vla.

pp

f

pp

264 265 266 267 268 269

Tpt. 1
Tpt. 2
Tpt. 3
Tpt. 4
Elecs.

Exit Loop Six; Strings mm. 185-194 @ 50% playback speed

二

270

271 272 273 274 275 276 277

Tpt. 1 - - *p* *mf* - *pp*

Tpt. 2 → + - - - → + → +

Tpt. 3 - - - → o → + → +

Tpt. 4 → o → + - - - -

Elecs. { { { { { { {

Vln. I - *pp* *pp* *pp* *pp* *pp* *pp*

Vln. II - *pp* *pp* *pp* *pp* *pp* *pp*

Vla. - *pp* *pp* *pp* *pp* *pp* *pp*

Vc. - *pp* *mp* *pp* - *pp* *pp*

Db. - *pp* *pp* *pp* - *pp* *pp*

278 279 280 281 282 283 284 285

Tpt. 1
Tpt. 2
Tpt. 3
Tpt. 4
Elecs.

Vln. I
Vln. II
Vla.
Vc.
Db.

286 287 288 289 290 291 292 293

Tpt. 2
Tpt. 3
Tpt. 4
Elecs.

Exit Loop Eleven; Strings mm. 235-244

Exit Loop Twelve; Strings mm. 245-254

Exit Loop Nine; Strings mm. 215-224

Exit Loop Nine; Trumpets mm. 227-232 looped @ 50% playback speed

Exit Loop Ten; Trumpets mm. 237-242 looped @ 50% playback speed

Exit Loop Eight; Trumpets mm. 217-222 looped @ 50% playback speed

Vln. I
Vln. II
Vla.
Vc.
Db.

Exit Loop Ten; Strings mm. 225-234

Elecs. { 3

Vln. I

Vln. II

Vla.

Vc.

D. b.



blow air through trumpet with specific fingering, resulting resonance will sound a minor 2nd higher than written

Tpt. 1

blow air through trumpet with specific fingering, resulting resonance will sound a minor 2nd higher than written

Tpt. 2

blow air through trumpet with specific fingering, resulting resonance will sound a minor 2nd lower than written

Tpt. 3

blow air through trumpet with specific fingering, resulting resonance will sound a minor 2nd lower than written

Tpt. 4

310 simile 311 312 313 314 315 316 317

Tpt. 1 pp mf pp
Tpt. 2 - - simile
Tpt. 3 - pp mf
Tpt. 4 - simile pp pp pp pp

Vln. I molto flautando (very light bow pressure)
ppp p ppp ppp non cresc.
Vln. II molto flautando (very light bow pressure)
ppp p ppp ppp non cresc.
Vla. molto flautando (very light bow pressure)
ppp p ppp ppp non cresc.
Vc. molto flautando (very light bow pressure)
ppp p ppp ppp non cresc.
Db. molto flautando (very light bow pressure)
ppp p ppp ppp non cresc.

≡

318

319 320 321 322 323 324 325

Tpt. 1 pp pp mf pp
Tpt. 2 - - pp mf
Tpt. 3 - pp mf
Tpt. 4 - - pp pp pp

Vln. I toneless, very little L.H. pressure (molto flautando, fast bow)
pppp pppp
Vln. II toneless, no L.H. pressure (molto flautando, fast bow)
pppp
Vla. toneless, very little L.H. pressure (molto flautando, fast bow)
pppp
Vc. toneless, very little L.H. pressure (molto flautando, fast bow)
pppp
Db. toneless, very little L.H. pressure (molto flautando, fast bow)
pppp

326 327 328 329 330 331 332 333

Tpt. 1 Tpt. 2 Tpt. 3 Tpt. 4

fade into the air of the trumpets...

Vln. I Vln. II Vla. Vc. Db.

=

334 335 336 337 338 339 340 341 342

Tpt. 1 Tpt. 2 Tpt. 3 Tpt. 4

=

343 344 345 346 347 348 349 350

Tpt. 1 Tpt. 2 Tpt. 3 Tpt. 4