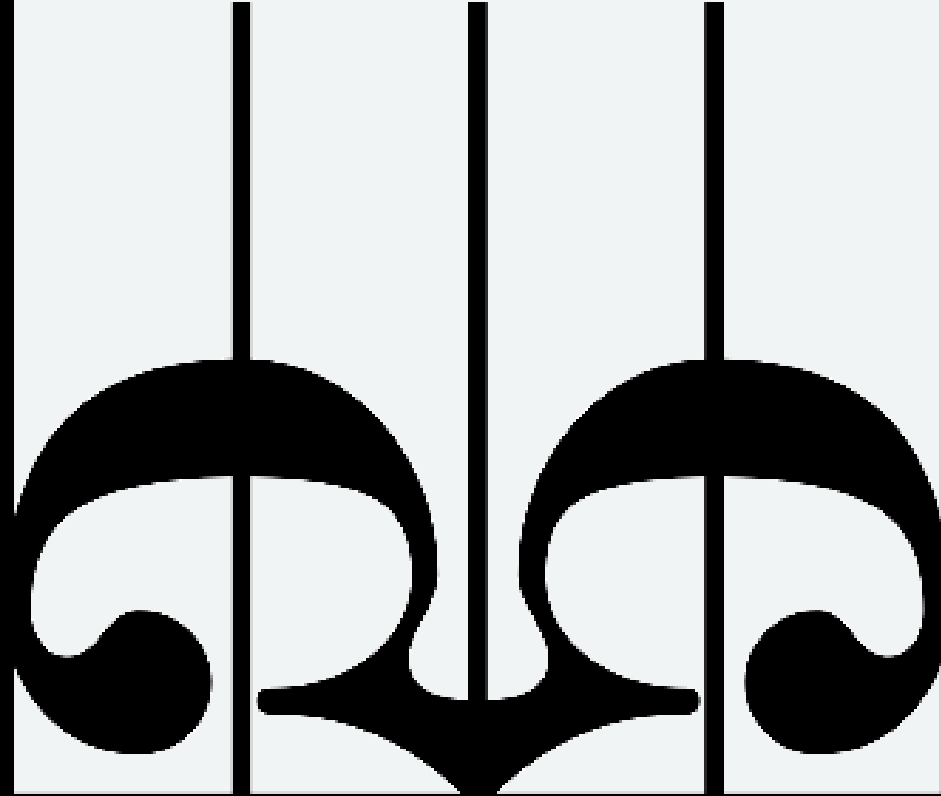


**Diunum T92 Binding**



**POLYDIATONISM**



Heikki Ruonaniemi

# Diunum T92 Binding

## Scale Model Table

### Diunum T92

| Scale Model   |                 |    |   |    |   |    |    |    |    |    |    |    |   |    |   |    |   |    |    |    |    |    |    |    | ID         |       |   |      |
|---|-----------------|----|---|----|---|----|----|----|----|----|----|----|---|----|---|----|---|----|----|----|----|----|----|----|------------|-------|---|------|
| x x x x x x x x   |                 |    |   |    |   |    |    |    |    |    |    |    |   |    |   |    |   |    |    |    |    |    |    |    |            |       |   |      |
| 1 2 3 4 5 6 7 8 9 10 11 12 1 2 3 4 5 6 7 8 9 10 11 12 1 |                 |    |   |    |   |    |    |    |    |    |    |    |   |    |   |    |   |    |    |    |    |    |    |    |            |       |   |      |
| I   | x               |    | x |    | x | x  |    | x  |    | x  | x  |    | x | x  |   | x  |   | x  |    | x  |    | x  | x  |    | x          | x     |   |      |
| II  | x               | x  |   | x  |   | x  |    | x  | x  |    | x  | x  |   | x  | x |    | x | x  |    | x  | x  |    | x  | x  |            | x     | x | II10 |
| III   | x               | x  |   | x  |   | x  |    | x  |    | x  | x  |    | x | x  |   | x  |   | x  |    | x  |    | x  | x  |    | x          | x     |   |      |
|   | c               | cx | d | dx | e | f  | fx | g  | gx | a  | ax | b  | c | cx | d | dx | e | f  | fx | g  | gx | a  | ax | b  | c          | II10f |   |      |
|   |                 | db |   | eb |   | gb |    | ab |    | bb |    | db |   | eb |   | gb |   | ab |    | bb |    | db |    | eb |            | bb    |   |      |
|   | x x x x x x x x |    |   |    |   |    |    |    |    |    |    |    |   |    |   |    |   |    |    |    |    |    |    |    | II10f/f    |       |   |      |
|   | x x x x x x x x |    |   |    |   |    |    |    |    |    |    |    |   |    |   |    |   |    |    |    |    |    |    |    | II10f/f,ab |       |   |      |
|   | x x x x x x x x |    |   |    |   |    |    |    |    |    |    |    |   |    |   |    |   |    |    |    |    |    |    |    | II10f/f,d  |       |   |      |
|   | x x x x x x x x |    |   |    |   |    |    |    |    |    |    |    |   |    |   |    |   |    |    |    |    |    |    |    | II10f/c,c  |       |   |      |
|   | x x x x x x x x |    |   |    |   |    |    |    |    |    |    |    |   |    |   |    |   |    |    |    |    |    |    |    | II10f/c,eb |       |   |      |
|   | x x x x x x x x |    |   |    |   |    |    |    |    |    |    |    |   |    |   |    |   |    |    |    |    |    |    |    | II10f/c,a  |       |   |      |

F-transformation  
C-transformation

## Composition Chart

### Diunum T92

| Time signatures 4/4 and 5/4 |                         |                                 |     |
|-----------------------------|-------------------------|---------------------------------|-----|
| Tempo<br>1/4 M.M.           | Measures in<br>Fraction | Duration of<br>Fraction in sec. |     |
| 84                          | 8                       | 22.9                            | 4/4 |
|                             |                         | 28.6                            | 5/4 |

|                  | Rfx         | Rfa   | Rfb   | Rfb  | Rfb  | Rfc  | Rfd  | Rfd  | Rfc  | Rfs                 | Rds  | Rda  | Rdb                 | Rdb  | Rda  | Rdd                 | Rdd  | Rds  | Rabs                | Raba | Rabc | Rabc                | Raba | Rabd        | Rabd | Rabs | Rfs  | Rfc  | Rfd  | Rfa  | Rfb  |  |
|------------------|-------------|-------|-------|------|------|------|------|------|------|---------------------|------|------|---------------------|------|------|---------------------|------|------|---------------------|------|------|---------------------|------|-------------|------|------|------|------|------|------|------|--|
|                  | Sabx        | Saba  | Sabb  | Sabb | Sabb | Sabc | Sabd | Sabd | Sabc | Sabs                | Sfs  | Sfa  | Sfb                 | Sfb  | Sfa  | Sfd                 | Sfd  | Sfs  | Sds                 | Sda  | Sdc  | Sdc                 | Sda  | Sdd         | Sdd  | Sds  | Sabs | Sabc | Sabd | Saba | Sabb |  |
| Percussions      | Tdx         | Tda   | Tdb   | Tdb  | Tdb  | Tdc  | Tdd  | Tdd  | Tdc  | Tds                 | Tabs | Taba | Tabb                | Tabb | Taba | Tabd                | Tabd | Tabs | Tfs                 | Tfa  | Tfc  | Tfc                 | Tfa  | Tfd         | Tfd  | Tfs  | Tds  | Tdc  | Tdd  | Tda  | Tdb  |  |
| Transpositions   | F           |       |       |      |      |      |      |      |      |                     |      |      |                     |      |      |                     | C    |      |                     |      |      |                     |      |             |      |      |      |      |      |      |      |  |
| Phases           | Index phase |       |       |      |      |      |      |      |      | 1. Transition phase |      |      | 1. Comparison phase |      |      | 2. Transition phase |      |      | 2. Comparison phase |      |      | 3. Transition phase |      | Final phase |      |      |      |      |      |      |      |  |
| Degree of Change | -----       |       |       |      |      |      |      |      |      | -----               |      |      | -----               |      |      | -----               |      |      | -----               |      |      | -----               |      | -----       |      |      |      |      |      |      |      |  |
| Duration min.    | 0.2         | 0.6   | 1.0   | 1.3  | 1.7  | 2.1  | 2.5  | 2.9  | 3.2  | 3.7                 | 4.2  | 4.6  | 5.0                 | 5.3  | 5.7  | 6.1                 | 6.5  | 7.0  | 7.4                 | 7.8  | 8.2  | 8.6                 | 9.0  | 9.3         | 9.7  | 10.2 | 10.7 | 11.0 | 11.4 | 11.8 | 12.2 |  |
| Duration s.      | 11.4        | 34.29 | 57.14 | 80   | 103  | 126  | 149  | 171  | 194  | 223                 | 251  | 274  | 297                 | 320  | 343  | 366                 | 389  | 417  | 446                 | 469  | 491  | 514                 | 537  | 560         | 583  | 611  | 640  | 663  | 686  | 709  | 731  |  |
| Measures         | 4           | 12    | 20    | 28   | 36   | 44   | 52   | 60   | 68   | 76                  | 84   | 92   | 100                 | 108  | 116  | 124                 | 132  | 140  | 148                 | 156  | 164  | 172                 | 180  | 188         | 196  | 204  | 212  | 220  | 228  | 236  | 244  |  |

# Diunum T92 Binding

Heikki Ruonaniemi

♩ = 84

Rfx Rfa

R Sabx Saba

S Tdx Tda

T

6

R

S

T

9

R

S

T

13 Rfb

R Sabb

S Tdb

T

17

R

S

T

21 Rfb

R Sabb

S Tdb

T

25

R

S

T

29 Rfb

Sabb

Tdb

This system contains measures 29 through 32. The vocal parts (R, S, T) are in a 3/4 time signature with a key signature of one flat. The Soprano part (S) has a melodic line with a fermata at the end of measure 32. The Tenor part (T) has a steady eighth-note accompaniment. The Bass part (R) has a melodic line with a fermata at the end of measure 32.

33

This system contains measures 33 through 36. The vocal parts continue their respective parts from the previous system. The Soprano part (S) has a melodic line with a fermata at the end of measure 36. The Tenor part (T) has a steady eighth-note accompaniment. The Bass part (R) has a melodic line with a fermata at the end of measure 36.

37 Rfc

Sabc

Tdc

This system contains measures 37 through 40. The vocal parts are in a 3/4 time signature with a key signature of one flat. The Soprano part (S) has a melodic line with a fermata at the end of measure 40. The Tenor part (T) has a steady eighth-note accompaniment. The Bass part (R) has a melodic line with a fermata at the end of measure 40.

39

This system contains measures 39 through 42. The vocal parts continue their respective parts from the previous system. The Soprano part (S) has a melodic line with a fermata at the end of measure 42. The Tenor part (T) has a steady eighth-note accompaniment. The Bass part (R) has a melodic line with a fermata at the end of measure 42.

41

R  
S  
T

Detailed description: This system contains measures 41 and 42. The music is in 3/4 time with a key signature of one flat. The Soprano (S) part features a melodic line with eighth and sixteenth notes. The Alto (A) part has a similar melodic line. The Tenor (T) part provides a harmonic accompaniment with quarter and eighth notes.

43

R  
S  
T

Rfd  
3  
Sabd  
Tdd

Detailed description: This system contains measures 43, 44, and 45. Measure 45 includes a fermata over the final note. The Soprano (S) part has a melodic line with a fermata. The Alto (A) part has a similar melodic line. The Tenor (T) part provides a harmonic accompaniment. The label 'Rfd' is placed above the Soprano staff, and 'Sabd' and 'Tdd' are placed below the Soprano and Tenor staves respectively.

46

R  
S  
T

Detailed description: This system contains measures 46, 47, 48, 49, and 50. The Soprano (S) part features a melodic line with eighth and sixteenth notes. The Alto (A) part has a similar melodic line. The Tenor (T) part provides a harmonic accompaniment with quarter and eighth notes. The label '3' is placed above the Soprano staff in measures 46, 47, 48, and 49.

50

R  
S  
T

Rfd  
3  
Sabd  
Tdd

Detailed description: This system contains measures 50, 51, 52, 53, and 54. Measure 54 includes a fermata over the final note. The Soprano (S) part has a melodic line with a fermata. The Alto (A) part has a similar melodic line. The Tenor (T) part provides a harmonic accompaniment. The label 'Rfd' is placed above the Soprano staff, and 'Sabd' and 'Tdd' are placed below the Soprano and Tenor staves respectively.

54

R  
S  
T

3 3 3 3 3

This system contains measures 54 through 57. The vocal parts (R, S, T) are in a key with one flat and a 3/4 time signature. Measure 54 features a triplet of eighth notes in the Soprano part. Measures 55 and 56 each contain two triplet markings over the Soprano part. Measure 57 has a triplet marking over the Soprano part. The Tenor part has a dotted quarter note in measure 54, a quarter note in 55, a dotted quarter note in 56, and a quarter note in 57. The Bass part has a dotted quarter note in measure 54, a quarter note in 55, a dotted quarter note in 56, and a quarter note in 57.

58

R  
S  
T

3 3

This system contains measures 58 through 60. The vocal parts continue in the same key and time signature. Measure 58 has a quarter note in the Soprano part. Measure 59 has a quarter note in the Soprano part. Measure 60 features a triplet of eighth notes in the Soprano part. The Tenor part has a dotted quarter note in measure 58, a quarter note in 59, and a dotted quarter note in 60. The Bass part has a dotted quarter note in measure 58, a quarter note in 59, and a dotted quarter note in 60.

61

Rfc

Sabc

Tdc

R  
S  
T

This system contains measures 61 and 62. Measure 61 is marked with a fermata over the Soprano part. The Soprano part has a melodic line with a fermata. The Tenor part has a dotted quarter note in measure 61 and a quarter note in 62. The Bass part has a dotted quarter note in measure 61 and a quarter note in 62.

63

R  
S  
T

This system contains measures 63 and 64. Measure 63 has a quarter note in the Soprano part. Measure 64 has a quarter note in the Soprano part. The Tenor part has a dotted quarter note in measure 63 and a quarter note in 64. The Bass part has a dotted quarter note in measure 63 and a quarter note in 64.

65

R  
S  
T

This system contains measures 65 and 66. The R staff features a continuous eighth-note melody. The S and T staves provide harmonic support with quarter notes and half notes. The key signature has one flat.

67

Rfs

R  
S  
T

Sabs

Tds

This system contains measures 67, 68, and 69. Measures 67-68 continue the eighth-note melody in the R staff. At measure 69, the time signature changes to 5/4. The R staff has a whole note, the S staff has a half note, and the T staff has a whole note. Labels 'Rfs', 'Sabs', and 'Tds' are placed above the R, S, and T staves respectively.

70

R  
S  
T

This system contains measures 70, 71, 72, and 73. The R staff has a melody of quarter notes. The S and T staves provide harmonic support with quarter notes and half notes. The key signature has one flat.

74

Rds

R  
S  
T

Sfs

Tab

This system contains measures 74, 75, and 76. Measures 74-75 continue the melody in the R staff. At measure 76, the key signature changes to two flats. The R staff has a half note, the S staff has a quarter note, and the T staff has a half note. Labels 'Rds', 'Sfs', and 'Tab' are placed above the R, S, and T staves respectively.



78

R  
S  
T

This system contains measures 78 through 81. It features three staves: R (Right Hand), S (Soprano), and T (Tenor). The key signature has one flat (B-flat). The time signature is 4/4. The R staff contains a melodic line with eighth and quarter notes. The S staff contains a line with quarter and half notes. The T staff contains a line with quarter and half notes, including a B-flat.

82

Rda

Sfa

Taba

R  
S  
T

This system contains measures 82 through 85. It features three staves: R (Right Hand), S (Soprano), and T (Tenor). The key signature has one flat (B-flat). The time signature is 4/4. At measure 84, the time signature changes to 4/4. The R staff has a melodic line with eighth notes and a triplet. The S staff has a line with quarter and half notes. The T staff has a line with quarter and half notes, including a B-flat.

86

R  
S  
T

This system contains measures 86 through 88. It features three staves: R (Right Hand), S (Soprano), and T (Tenor). The key signature has one flat (B-flat). The time signature is 4/4. The R staff has a melodic line with eighth notes and a triplet. The S staff has a line with quarter and half notes. The T staff has a line with quarter and half notes, including a B-flat.

89

R  
S  
T

This system contains measures 89 through 92. It features three staves: R (Right Hand), S (Soprano), and T (Tenor). The key signature has one flat (B-flat). The time signature is 4/4. The R staff has a melodic line with eighth notes and a triplet. The S staff has a line with quarter and half notes. The T staff has a line with quarter and half notes, including a B-flat.

93 Rdb

Sfb

Tabb

R

S

T

Detailed description: This system contains measures 93 through 96. The top staff (R) is marked 'Rdb' and 'Sfb'. It features a melodic line with eighth-note patterns. The middle staff (S) has a bass line with quarter and eighth notes. The bottom staff (T) has a bass line with eighth-note patterns. The key signature has one flat, and the time signature is 12/8.

97

R

S

T

Detailed description: This system contains measures 97 through 100. The top staff (R) continues the melodic line. The middle staff (S) continues the bass line. The bottom staff (T) continues the bass line. The key signature has one flat, and the time signature is 12/8.

101 Rdb

Sfb

Tabb

R

S

T

Detailed description: This system contains measures 101 through 104. The top staff (R) is marked 'Rdb' and 'Sfb'. It features a melodic line with eighth-note patterns. The middle staff (S) has a bass line with quarter and eighth notes. The bottom staff (T) has a bass line with eighth-note patterns. The key signature has one flat, and the time signature is 12/8.

105

R

S

T

Detailed description: This system contains measures 105 through 108. The top staff (R) continues the melodic line. The middle staff (S) continues the bass line. The bottom staff (T) continues the bass line. The key signature has one flat, and the time signature is 12/8.

109 Rda

Sfa

Taba

112

115 Rdd

Sfd

Tabd

119

123

Rdd

Sfd

Tabd

126

130

Rds

Sfs

Tabd

134

138

Rabs

R

S

T

Sds

Tfs

142

R

S

T

146

Raba

R

S

T

Sda

Tfa

150

R

S

T

*mp*

153

R

S

T

This system contains measures 153 through 156. The vocal parts (R, S, T) are in 3/4 time. The Soprano (S) part features a triplet of eighth notes in measure 154. The Tenor (T) part has a half note in measure 154 and a dotted half note in measure 155.

157

Rabc

Sdc

Tfc

This system contains measures 157 through 160. The Soprano (S) part has a melodic line with a flat in measure 158. The Tenor (T) part has a half note in measure 157 and a dotted half note in measure 158.

159

This system contains measures 159 through 162. The Soprano (S) part has a melodic line with a flat in measure 160. The Tenor (T) part has a half note in measure 159 and a dotted half note in measure 160.

161

This system contains measures 161 through 164. The Soprano (S) part has a melodic line with a flat in measure 162. The Tenor (T) part has a half note in measure 161 and a dotted half note in measure 162.

163

Rabc

Sdc

Tfc

This system contains three measures of music. The first measure is marked with the number 163. The top staff (R) features a complex rhythmic pattern of eighth and sixteenth notes. The middle (S) and bottom (T) staves have simpler, more spaced-out notes. The second measure continues the R staff's pattern. The third measure is marked with 'Rabc', 'Sdc', and 'Tfc' above it, indicating a specific rhythmic or melodic structure. The R staff continues with its pattern, while S and T have more defined notes.

166

This system contains three measures of music. The first measure is marked with the number 166. The R staff has a continuous eighth-note pattern. The S and T staves have notes that appear to be part of a harmonic accompaniment. The second measure continues the R staff's pattern. The third measure continues the R staff's pattern, with a slight change in the S and T accompaniment.

168

This system contains three measures of music. The first measure is marked with the number 168. The R staff has a continuous eighth-note pattern. The S and T staves have notes that appear to be part of a harmonic accompaniment. The second measure continues the R staff's pattern. The third measure continues the R staff's pattern, with a slight change in the S and T accompaniment.

170

This system contains three measures of music. The first measure is marked with the number 170. The R staff has a continuous eighth-note pattern. The S and T staves have notes that appear to be part of a harmonic accompaniment. The second measure continues the R staff's pattern. The third measure continues the R staff's pattern, with a slight change in the S and T accompaniment.

173 Raba

R

Sda

S

Tfa

T

176

R

S

T

179 Rabd

R

Sdd

Tfd

S

T

183

R

S

T



187

Rabd

R

S

T

Sdd

Tfd

191

R

S

T

195

Rabs

R

S

T

Sds

Tfs

199

R

S

T

203 Rfs

R  
S  
T

Sabs  
Tds

Detailed description: This system contains measures 203 through 206. It features three staves: R (Right), S (Soprano), and T (Tenor). The key signature has one flat (B-flat). The time signature is 4/4. Measure 203 is marked with a fermata. The label 'Rfs' is positioned above the R staff. The labels 'Sabs' and 'Tds' are placed between the S and T staves, indicating a section change or specific performance instruction.

207

R  
S  
T

Detailed description: This system contains measures 207 through 210. It features three staves: R (Right), S (Soprano), and T (Tenor). The key signature has one flat (B-flat). The time signature is 4/4. The music continues with a steady rhythmic pattern across all staves.

211 Rfc

R  
S  
T

Sabc  
Tdc

Detailed description: This system contains measures 211 through 213. It features three staves: R (Right), S (Soprano), and T (Tenor). The key signature has one flat (B-flat). The time signature changes to 4/4 starting at measure 211. The label 'Rfc' is positioned above the R staff. The labels 'Sabc' and 'Tdc' are placed between the S and T staves. Measure 211 is marked with a fermata. The R staff shows a complex rhythmic pattern in the later measures.

214

R  
S  
T

Detailed description: This system contains measures 214 through 216. It features three staves: R (Right), S (Soprano), and T (Tenor). The key signature has one flat (B-flat). The time signature is 4/4. The R staff features a highly rhythmic and melodic line, while the S and T staves provide a more stable harmonic accompaniment.

216

R  
S  
T

This system contains measures 216 and 217. The soprano part (R) features a complex rhythmic pattern of eighth and sixteenth notes. The alto part (S) has a simpler melody with a few rests. The tenor part (T) provides a steady accompaniment with quarter notes.

218

R  
S  
T

This system contains measures 218, 219, and 220. The soprano part (R) continues with its intricate rhythmic pattern. The alto part (S) has a more active line with eighth notes. The tenor part (T) continues with its accompaniment.

221 Rfd

Sabd

Tdd

R  
S  
T

This system contains measures 221, 222, and 223. The soprano part (R) features triplets, indicated by the '3' below the notes. The alto part (S) has a melody with some rests. The tenor part (T) has a simple accompaniment. The text 'Rfd' is above the first measure, 'Sabd' is above the second measure, and 'Tdd' is above the third measure.

224

R  
S  
T

This system contains measures 224, 225, 226, and 227. The soprano part (R) features triplets in the first two measures. The alto part (S) has a steady melody. The tenor part (T) has a simple accompaniment.

228

Rfa

R

Saba

S

Tda

T

231

R

S

T

234

Rfb

R

Sabb

S

Tdb

T

238

R

S

T

241

R  
S  
T

Detailed description of the musical score: The score is for three voices: R (Soprano), S (Alto), and T (Tenor). It consists of four measures. The R part starts with a melodic line: G4 (quarter), F4 (quarter), E4 (quarter), D4 (quarter), C4 (quarter), B3 (quarter), A3 (quarter), G3 (quarter). The S part starts with a melodic line: G3 (quarter), F3 (quarter), E3 (quarter), D3 (quarter), C3 (quarter), B2 (quarter), A2 (quarter), G2 (quarter). The T part starts with a rhythmic accompaniment: G2 (quarter), A2 (quarter), B2 (quarter), C3 (quarter), D3 (quarter), E3 (quarter), F3 (quarter), G3 (quarter). The key signature has one flat (Bb), and the time signature is 4/4. The score ends with a double bar line.

