

# Ballsirenen

Konzertwalzer aus der Operette "Die lustige Witwe"

Franz Lehár  
Bearb.: Marcus Graf  
Breit

Maestoso  $\text{♩} = 54$

Piccolo

1+2. Flöte C

1+2. Oboe C

1+2. Fagott C

Klarinette E<sub>♭</sub>

1. Klarinette B<sub>♭</sub>

2+3. Klarinette B<sub>♭</sub>

Bassklarinette B<sub>♭</sub>

1+2. Altsax. E<sub>♭</sub>

Tenorsax. B<sub>♭</sub>

Baritonsax. E<sub>♭</sub>

1+2. Flügelhorn B<sub>♭</sub>

1-3. Trompete B<sub>♭</sub>

1-4. Horn F

1. Tenorhorn B<sub>♭</sub>  
Bariton B<sub>♭</sub>

1-3. Posaune C

1+2. Tuba C

Glockenspiel

Pauken

Schlagzeug

3 + 4 + [B] Marcia all.  $\text{♩} = 72-76$

Picc.

1+2. Flt.

1+2. Ob.

1. Oboe

1. Fag.

1. Fag.

Klar. E<sub>♭</sub>

1. Klar. B<sub>♭</sub>

2+3. Klar. B<sub>♭</sub>

Bassklar. B<sub>♭</sub>

1+2. Altsax. E<sub>♭</sub>

Tnsx. B<sub>♭</sub>

Barsx. E<sub>♭</sub>

1+2. Flgh. B<sub>♭</sub>

1-3. Trp. B<sub>♭</sub>

1-4. Hrn. F

1. Thrn. B<sub>♭</sub>  
Bar. B<sub>♭</sub>

Bariton

1-3. Pos. C

1+2. Tub. C

Glock.

Pauk.

Schlagz.

18 *accel.* *mf* *cresc.* *f* *rit.*

Picc. *mf* *cresc.* *f*

1+2 Flt. *mf* *cresc.* *f*

1+2 Ob. *mf* *cresc.* *f* **Tutti**

1+2 Fag. *mf* *cresc.* *f* **Tutti**

Klar. E *mf* *cresc.* *f*

1. Klar. B *mf* *cresc.* *f*

2+3 Klar. B *mf* *cresc.* *f*

Bassklar. B *mf* *cresc.* *f*

1+2 Altsx. E *mf* *cresc.* *f*

Tnxs. B *mf* *cresc.* *f*

Barsx. E *mf* *cresc.* *f*

1+2 Flgh. B *mf* *cresc.* *f*

1-3 Trpt. B *mf* *cresc.* *f*

1-4 Hrn. F *mf* *cresc.* *f*

1. Thrn. B *mf* *cresc.* *f* **Tutti**

Bar. B *mf* *cresc.* *f*

1-3. Pos. C *mf* *cresc.* *f*

1+2 Tub. C *mf* *cresc.* *f*

Glock. *mf* *cresc.* *f*

Pauk. *p* *cresc.* *f*

Stahlb. *mf* *cresc.* *f*

18 19 20 21 22 23 24 25 26

Walzer  $\text{♩} = 60$

Picc. *ff*

1+2 Flt. *ff*

1+2 Ob. *ff*

1+2 Fag. *ff*

Klar. E *ff*

1. Klar. B *ff*

2+3 Klar. B *ff*

Bassklar. B *ff*

1+2 Altsx. E *ff*

Tnxs. B *ff*

Barsx. E *ff*

1+2 Flgh. B *ff*

1-3. Trpt. B *ff*

1-4. Hrn. F *ff*

1. Thrn. B *ff*

Bar. B *ff*

1-3. Pos. C *ff*

1+2 Tub. C *ff*

Glock. *ff*

Pauk. *ff*

Stahlb. *ff*

27 28 29 30 31 32 33 34

Walzer #1  $\text{♩} = 52$

Picc.

1+2. Flt. *p* weich!

1+2. Ob. *p* weich!

1+2. Fag. *p* 1. Fag. weich!

Klar. E

1. Klar. B *p* abwechselnd!

2+3. Klar. B *p*

Bassklar. B

1+2. Altsx. E *p* weich!

Tnxs. B *p* weich!

Barsx. E

1+2. Flgh. B *p* Soli 1. Flgh. weich! Soli 2. Flgh.

1-3. Trpt. B

1-4. Hrn. F *p*

1. Thrn. B Bar. B *p* Soli Tenh. weich! Soli Bar.

1-3. Pos. C

1+2. Tub. C

Glock.

Pauk.

Stg.

Picc.

1+2. Flt.

1+2. Ob.

1+2. Fag.

Klar. E

1. Klar. B

2+3. Klar. B

Bassklar. B

1+2. Altsx. E

Tnxs. B

Barsx. E

1+2. Flgh. B Soli 1. Flgh.

1-3. Trpt. B

1-4. Hrn. F

1. Thrn. B Bar. B Soli Tenh.

1-3. Pos. C

1+2. Tub. C

Glock.

Pauk.

Stg.

53

Picc.

1+2. Flt.

1+2. Ob.

1+2. Fag.

Klar. E

1. Klar. B

2+3. Klar. B

Bassklar. B

1+2. Altsx. E

Tnsx. B

Barsx. E

1+2. Flgh. B

1-3. Trpt. B

1-4. Hrn. F

1. Thrn. B  
Bar. B

1-3. Pos. C

1+2. Tub. C

Glock.

Pauk.

53 54 55 56 57 58 59 60 61

Ballsirenen - Partitur - Seite 7

62

Walzer  $\text{♩} = 60$

Picc.

1+2. Flt.

1+2. Ob.

1+2. Fag.

Klar. E

1. Klar. B

2+3. Klar. B

Bassklar. B

1+2. Altsx. E

Tnsx. B

Barsx. E

1+2. Flgh. B

1-3. Trpt. B

1-4. Hrn. F

1. Thrn. B  
Bar. B

1-3. Pos. C

1+2. Tub. C

Glock.

Pauk.

62 63 64 65 66 67 68 69 70

Ballsirenen - Partitur - Seite 8

71 Picc.

1+2 Flt.

1+2 Ob.

1+2 Fag.

Klar. E

1 Klar. B

2+3 Klar. B

Bassklar. B

1+2 Altsx. E

Tnxs. B

Barsx. E

1+2 Flgh. B  
spielen  
mf

1-3 Trpt. B

1-4 Hrn. F

1 Thrn. B  
Bar. B

1-3 Pos. C

1+2 Tub. C

Glock.

Pauk.

71 72 73 74 75 76 77 78 79

80 Picc.

1+2 Flt.

1+2 Ob.

1+2 Fag.

Klar. E

1 Klar. B

2+3 Klar. B

Bassklar. B

1+2 Altsx. E

Tnxs. B

Barsx. E

1+2 Flgh. B

1-3 Trpt. B

1-4 Hrn. F

1 Thrn. B  
Bar. B

1-3 Pos. C

1+2 Tub. C

Glock.

Pauk.

80 81 82 83 84 85 86 87 88







Walzer  $\text{♩} = 60$



125 Picc. *mf*

1+2 Flt. *mf*

1+2 Ob. *mf* Tutti

1+2 Fag. *mf*

Klar. E *mf*

1. Klar. B *p*

2+3. Klar. B *p*

Bassklar. B *mf*

1+2. Altsx. E *p* *mf*

Tnss. B *p* *mf*

Barsx. E *mf*

1+2. Flgh. B *mf*

1-3. Trpt. B *mf*

1-4. Hrn. F *mf* Tutti

1. Thrn. B *mf*  
Bar. B

1-3. Pos. C *p* *mf*

1+2. Tub. C *mf*

Glock.

Pauk. *mf*

Stg.

134 Picc. *mf*

1+2 Flt. *mf*

1+2 Ob. *f*

1+2 Fag. *f*

Klar. E *f* *mf*

1. Klar. B *mf*

2+3. Klar. B *mf*

Bassklar. B *mf*

1+2. Altsx. E *mf*

Tnss. B *mf*

Barsx. E *mf*

1+2. Flgh. B *f*

1-3. Trpt. B *mf*

1-4. Hrn. F Pos. spielen! *mf*

1. Thrn. B *f*  
Bar. B

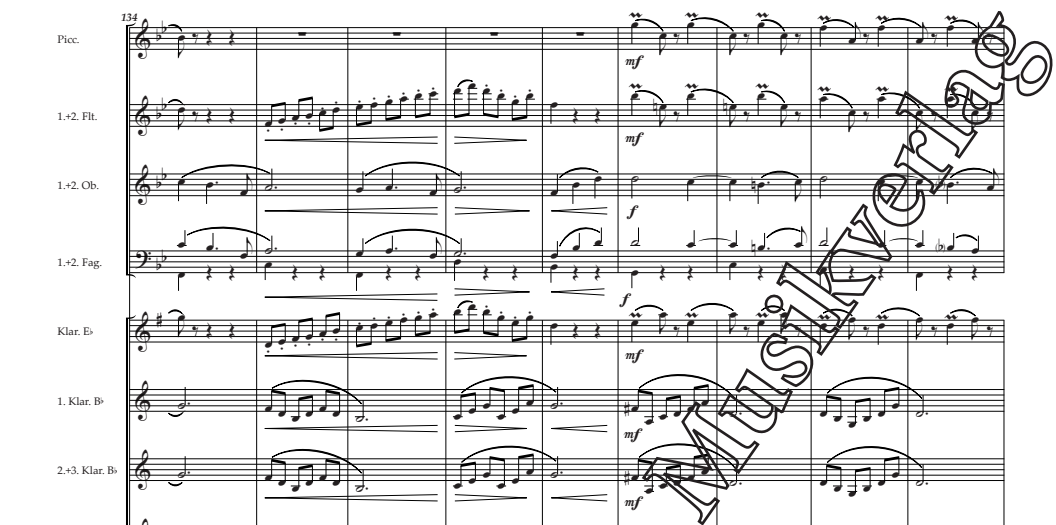
1-3. Pos. C *pp* *pp*

1+2. Tub. C *mf*

Glock.

Pauk.

Stg.





143 Picc. *f*

1+2 Flt. *mf*

1+2 Ob. *mf*

1+2 Fag. *mf*

Klar. E *f*

1 Klar. B *mf*

2+3 Klar. B *mf*

Bassklar. B *mf*

1+2 Altsx. E *mf*

Tnxs. B *mf*

Barsx. E *mf*

1+2 Flgh. B *mf*

1.3 Trpt. B *mf* Tutti

1-4 Hrn. F *mf*

1. Thrn. B Bar. B *f*

1-3 Pos. C *mf*

1+2 Tub. C *mf*

Glock. *p*

Pauk. *p*

Schlg.

152 Picc. *mf* *rubato* *meno mosso*

1+2 Flt. *mf*

1+2 Ob. *mf*

1+2 Fag. *mf*

Klar. E *mf*

1 Klar. B *mf*

2+3 Klar. B *mf*

Bassklar. B *mf*

1+2 Altsx. E *mf*

Tnxs. B *mf*

Barsx. E *mf*

1+2 Flgh. B *mf*

1.3 Trpt. B *mf* 2+3 Trpt. *f*

1-4 Hrn. F *mf*

1. Thrn. B Bar. B *mf*

1-3 Pos. C *mf*

1+2 Tub. C *mf*

Glock. *mf*

Pauk. *mf*

Schlg. *mf*

rit. Walzer #3  $\text{♩} = 52-60$

Musical score for page 19 of 'Ball sirenen'. The score is for a full orchestra and includes parts for Piccolo, Flutes (1+2), Oboes (1+2), Bassoon (1+2), Clarinet in E (Klar. E), Clarinet in Bb (1. Klar. Bb), Clarinets in Bb (2+3), Bass Clarinet (Bassklar. Bb), Alto Saxophone in E (1+2), Tenor Saxophone in Bb (Tnsx. Bb), Baritone Saxophone in E (Barsx. E), Flugelhorn (1+2), Trumpets (1-3), Horns (1-4), Trombones (1 Thrm. Bb, Bar. Bb), Positively (1-3), Tubas (1+2), Glockenspiel (Glock.), and Drums (Pauk.). The score is in 3/4 time with a tempo of 52-60. It features dynamic markings of *p* and *mf*. A rehearsal mark 'H' is present at measure 163. The page number 19 is indicated at the bottom.

Musical score for page 20 of 'Ball sirenen'. The score continues from page 19 and includes parts for Piccolo, Flutes (1+2), Oboes (1+2), Bassoon (1+2), Clarinet in E (Klar. E), Clarinet in Bb (1. Klar. Bb), Clarinets in Bb (2+3), Bass Clarinet (Bassklar. Bb), Alto Saxophone in E (1+2), Tenor Saxophone in Bb (Tnsx. Bb), Baritone Saxophone in E (Barsx. E), Flugelhorn (1+2), Trumpets (1-3), Horns (1-4), Trombones (1 Thrm. Bb, Bar. Bb), Positively (1-3), Tubas (1+2), Glockenspiel (Glock.), and Drums (Pauk.). The score is in 3/4 time with a tempo of 52-60. It features dynamic markings of *p*, *mf*, and *f*. The page number 20 is indicated at the bottom.

179

Picc. *mf*

1+2. Flt. *mf*

1+2. Ob. *mf*

1+2. Fag. *mf*

Klar. E *p*

1. Klar. B *p*

2+3. Klar. B *p*

Bassklar. B *p*

1+2. Altsx. E *mf*

Tnxs. B *p*

Barsx. E *p*

1+2. Flgh. B

1-3. Trpt. B *mf*

1-4. Hrn. F *mf*

1. Thrn. B *mf*

Bar. B *mf*

1-3. Pos. C *p*

1+2. Tub. C *mf*

Glock.

Pauk.

Stg. *p*

179 180 181 182 183 184 185 186 187

Ballsirenen - Partitur - Seite 21

188

Picc. *mf*

1+2. Flt. *mf*

1+2. Ob. *mf*

1+2. Fag. *mf*

Klar. E *mf*

1. Klar. B *mf*

2+3. Klar. B *mf*

Bassklar. B *mf*

1+2. Altsx. E *mf*

Tnxs. B *mf*

Barsx. E *mf*

1+2. Flgh. B *mf*

1-3. Trpt. B *mf*

1-4. Hrn. F *mf*

1. Thrn. B *mf*

Bar. B *mf*

1-3. Pos. C *mf*

1+2. Tub. C *mf*

Glock.

Pauk. *mf*

Stg. *mf*

*ritenuto*

*a tempo*

188 189 190 191 192 193 194 195 196

Ballsirenen - Partitur - Seite 22

Picc.

1+2. Flt.

1+2. Ob.

1+2. Fag.

Klar. E

1. Klar. B

2+3. Klar. B

Bassklar. B

1+2. Altsx. E

Tnxs. B

Barsx. E

1+2. Flgh. B

1-3. Trpt. B

1-4. Hrn. F

1. Thrn. B  
Bar. B

1-3. Pos. C

1+2. Tub. C

Glock.

Pauk.

Sn. Hr.

197 198 199 200 201 202 203 204 205 206

Picc.

1+2. Flt.

1+2. Ob.

1+2. Fag.

Klar. E

1. Klar. B

2+3. Klar. B

Bassklar. B

1+2. Altsx. E

Tnxs. B

Barsx. E

1+2. Flgh. B

1-3. Trpt. B

1-4. Hrn. F

1. Thrn. B  
Bar. B

1-3. Pos. C

1+2. Tub. C

Glock.

Pauk.

Sn. Hr.

207 208 209 210 211 212 213 214 215 216

217 *rit.*

Picc.

1+2. Flt.

1+2. Ob.

1+2. Fag.

Klar. E

1. Klar. B

2+3. Klar. B

Bassklar. B

1+2. Altsx. E

Tnxs. B

Barsx. E

1+2. Flgh. B

1-3. Trpt. B

1-4. Hrn. F

1. Thrn. B  
Bar. B

1-3. Pos. C

1+2. Tub. C

Glock.

Pauk.

217 218 219 220 221 222 223 224 225 226

Ballsirenen - Partitur - Seite 25

227 *rit.* Coda  $\text{♩} = 52$

Picc.

1+2. Flt.

1+2. Ob.

1+2. Fag.

Klar. E

1. Klar. B

2+3. Klar. B

Bassklar. B

1+2. Altsx. E

Tnxs. B

Barsx. E

1+2. Flgh. B

1-3. Trpt. B

1-4. Hrn. F

1. Thrn. B  
Bar. B

1-3. Pos. C

1+2. Tub. C

Glock.

Pauk.

Triangel

227 228 229 230 231 232 233 234 235 236

Ballsirenen - Partitur - Seite 26



237

Picc. *p* *cresc.* *f* *ff*

1+2. Flt. *p* *cresc.* *f* *ff*

1+2. Ob. *p* *cresc.* *f* *ff*

1+2. Fag. *p* *cresc.* *f* *ff*

Klar. E *p* *cresc.* *f* *ff*

1. Klar. B *p* *cresc.* *f* *ff*

2+3. Klar. B *p* *cresc.* *f* *ff*

Bassklar. B *p* *cresc.* *f* *ff*

1+2. Altsx. E *p* *cresc.* *f* *ff*

Tnxs. B *p* *cresc.* *f* *ff*

Barsx. E *f* *Tutti*

1+2. Flgh. B *f*

1-3. Trpt. B *f*

1-4. Hrn. F *p* *cresc.* *f* *ff*

1. Thrn. B  
Bar. B *p* *cresc.* *f* *ff*

1-3. Pos. C *p* *cresc.* *f* *ff*

1+2. Tub. C *p* *cresc.* *f* *ff*

Glock.

Pauk.

Schlgz. *p*

237 238 239 240 241 242 243 244 245

Ballsirenen - Partitur - Seite 27

246

Picc. *p* *weich!*

1+2. Flt. *p* *weich!*

1+2. Ob. *p* *1. Fag. weich!*

Klar. E *p* *abwechselnd!*

1. Klar. B *p* *abwechselnd!*

2+3. Klar. B *p* *abwechselnd!*

Bassklar. B *p* *abwechselnd!*

1+2. Altsx. E *p* *weich!*

Tnxs. B *p* *weich!*

Barsx. E *p* *weich!*

1+2. Flgh. B *p* *Soli 1. Flgh. weich!*

1-3. Trpt. B *p* *Soli 1. Flgh. weich!*

1-4. Hrn. F *p* *Soli Tenh. weich!*

1. Thrn. B  
Bar. B *p* *Soli Tenh. weich!*

1-3. Pos. C *p* *Soli Tenh. weich!*

1+2. Tub. C *p* *Soli Tenh. weich!*

Glock.

Pauk.

Schlgz. *p*

246 247 248 249 250 251 252 253 254 255

Walzer  $\text{♩} = 52$

Ballsirenen - Partitur - Seite 28

256

Picc.

1+2. Flt.

1+2. Ob.

1+2. Fag.

Klar. E $\flat$

1. Klar. B $\flat$

2+3. Klar. B $\flat$

Bassklar. B $\flat$

1+2. Altsx. E $\flat$

Tnxs. B $\flat$

Barsx. E $\flat$

1+2. Flgh. B $\flat$

1-3. Trpt. B $\flat$

1-4. Hrn. F

1. Thrn. B $\flat$   
Bar. B $\flat$

1-3. Pos. C

1+2. Tub. C

Glock.

Pauk.

Snrdr.

Soli 2. Flgh.

Soli Bar.

This page of the musical score for 'Ballsirenen' covers measures 256 to 264. It features a full orchestral arrangement with woodwinds, brass, and percussion. The woodwinds include Piccolo, Flutes, Oboes, Bassoons, Clarinets in E-flat and B-flat, Bass Clarinet, Alto Saxophones, Tenor Saxophone, and Baritone Saxophone. The brass section consists of Trumpets in B-flat, Horns in F, Trombones in B-flat, and Baritone in B-flat. Percussion includes three Cornets in C, two Tubas in C, Glockenspiel, and Drums. A large diagonal watermark 'Probestimme Wertach Musikverlag' is overlaid on the score.

265

Picc.

1+2. Flt.

1+2. Ob.

1+2. Fag.

Klar. E $\flat$

1. Klar. B $\flat$

2+3. Klar. B $\flat$

Bassklar. B $\flat$

1+2. Altsx. E $\flat$

Tnxs. B $\flat$

Barsx. E $\flat$

1+2. Flgh. B $\flat$

1-3. Trpt. B $\flat$

1-4. Hrn. F

1. Thrn. B $\flat$   
Bar. B $\flat$

1-3. Pos. C

1+2. Tub. C

Glock.

Pauk.

Snrdr.

Soli Flgh.

Soli Tenh.

This page of the musical score for 'Ballsirenen' covers measures 265 to 273. It continues the orchestral arrangement from the previous page. The instrumentation remains the same. A large diagonal watermark 'Probestimme Wertach Musikverlag' is overlaid on the score.

274 275 276 277 278 279 280 281 282 283

Ballsirenen - Partitur - Seite 31

Walzer  $\text{♩} = 60$

284 285 286 287 288 289 290 291 292

Ballsirenen - Partitur - Seite 32

293

Picc.

1+2. Flt.

1+2. Ob.

1+2. Fag.

Klar. E

1. Klar. B

2+3. Klar. B

Bassklar. B

1+2. Altsx. E

Tnxs. B

Barsx. E

1+2. Flgh. B

1-3. TrpT. B

1-4. Hrn. F

1. Thrn. B  
Bar. B

1-3. Pos. C

1+2. Tub. C

Glock.

Pauk.

Snldr.

293 294 295 296 297 298 299 300 301

302

Picc.

1+2. Flt.

1+2. Ob.

1+2. Fag.

Klar. E

1. Klar. B

2+3. Klar. B

Bassklar. B

1+2. Altsx. E

Tnxs. B

Barsx. E

1+2. Flgh. B

1-3. TrpT. B

1-4. Hrn. F

1. Thrn. B  
Bar. B

1-3. Pos. C

1+2. Tub. C

Glock.

Pauk.

Snldr.

302 303 304 305 306 307 308 309

310 Marcia mod. ♩ = 80

Picc. *ff* *p*

1+2 Flt. *ff* *p*

1+2 Ob. *ff* *p*

1+2 Fag. *ff* *p*

Klar. E *ff* *p*

1. Klar. B *ff* *p*

2+3 Klar. B *ff* *p*

Bassklar. B *ff* *p*

1+2 Altsx. E *ff* *p*

Tnxs. B *ff* *p*

Barsx. E *ff* *p* 1. Fag. *p*

1+2 Flgh. B *ff* *pp* 1.+3. Hrn. *pp*

1-3. Trpt. B *ff* *pp*

1-4. Hrn. F *ff* Solo 1. Horn *fz* Tutti (Soli Hornsatz) *pp*

1. Hrn. *fz* 1. Hrn. *pp* 2. Hrn. *pp*

1. Thrn. B *ff* Sax.-Satz *p*

1-3. Pos. C *ff* *p*

1+2 Tub. C *ff* *p*

Glock. *ff* *p*

Pauk. *ff*

Schlg. *ff*

310 311 312 313 314 315 316 317 318 319

Ballsirenen - Partitur - Seite 35

320 *meno mosso rit. a tempo rit. poco a poco*

Picc. *ff* *mf*

1+2 Flt. *ff* *mf*

1+2 Ob. *ff* *mf*

1+2 Fag. *ff* *mf*

Klar. E *ff* *mf*

1. Klar. B *ff* *mf* Soli *mf*

2+3 Klar. B *ff* *mf* Soli *mf*

Bassklar. B *ff* *mf*

1+2 Altsx. E *ff* *mf*

Tnxs. B *ff* *mf*

Barsx. E *ff* *mf*

1+2 Flgh. B *ff* *mf*

1-3. Trpt. B *ff* *mf*

1-4. Hrn. F *ff* *mf*

1. Thrn. B *ff* *mf* Soli Tenh. *mf*

1. Thrn. B *ff* *mf*

1-3. Pos. C *ff* *mf*

1+2 Tub. C *ff* *mf*

Glock. *ff* *mf*

Pauk. *ff*

Schlg. *ff*

320 321 322 323 324 325 326 327 328 329

Ballsirenen - Partitur - Seite 36



Presto  $\text{♩} = 80$

330 331 332 333 334 335 336 337 338 339

# Ballsirenen

Konzertwalzer aus der Operette "Die lustige Witwe"

Franz Lehár

Bearb.: Marcus Graf

Bestell-Nr. 1700

## Besetzungsliste:

Particell in C

Partitur

- |                                |                             |
|--------------------------------|-----------------------------|
| 1x Piccolo C                   | 1x 3. Trompete B $\flat$    |
| 1x 1. Flöte C *                | 2x 1. Tenorhorn B $\flat$ * |
| 1x 2. Flöte C *                | 1x 2. Tenorhorn B $\flat$   |
| 1x 1. Oboe C *                 | 1x 3. Tenorhorn B $\flat$   |
| 1x 2. Oboe C *                 | 2x Bariton C   B $\flat$ *  |
| 1x 1. Fagott C *               | 1x 1. Horn F   E $\flat$ *  |
| 1x 2. Fagott C *               | 1x 2. Horn F   E $\flat$ *  |
| 1x Klarinette E $\flat$        | 1x 3. Horn F   E $\flat$ *  |
| 3x 1. Klarinette B $\flat$ *   | 1x 4. Horn F   E $\flat$ *  |
| 3x 2. Klarinette B $\flat$ *   | 2x 1. Posaune C   B $\flat$ |
| 3x 3. Klarinette B $\flat$ *   | 1x 2. Posaune C   B $\flat$ |
| 1x Bassklarinetten B $\flat$ * | 1x 3. Posaune C   B $\flat$ |
| 1x 1. Altsax E $\flat$ *       | 2x 1. Tuba C   E $\flat$ *  |
| 1x 2. Altsax E $\flat$ *       | 2x 2. Tuba C   B $\flat$ *  |
| 2x Tenorsax B $\flat$ *        | 1x Kontrabass *             |
| 1x Baritonsax E $\flat$        | 2x Glockenspiel             |
| 2x 1. Flügelhorn B $\flat$     | 2x Pauken                   |
| 2x 2. Flügelhorn B $\flat$     | 2x Schlagzeug (komb.)       |
| 2x 1. Trompete B $\flat$       | 2x Kleine Trommel           |
| 2x 2. Trompete B $\flat$       | 2x Große Trommel - Becken   |

### \* Bitte beachten bei diesen Stimmen:

Bedingt durch die komplexe Notation bei diesem Stück gibt es bei diesen Stimmen leider keine passende „Wendestelle“ zum umblättern.

Daher wurden diese Stimmen jeweils auf 2 separaten A3 Blättern gedruckt!