

Contents

List of Figures ix

List of Tables xv

Acknowledgments xvii

1 Introduction I

Part One: Eighteenth-Century Precedents: From Baroque to Classic

2 Constitution of the Orchestra in the Eighteenth Century 5
The Instruments Used

3 Size and Numbers in the Eighteenth-Century Orchestra 13
Relative Strengths and Proportions
“Monster” Performances

4 Eighteenth-Century Seating Plans 29
Opera Seating
Concert Seating
Some Conclusions on Eighteenth-Century Seating

5 Conducting in the Eighteenth Century 51

Part Two: The Emerging Conductor and His Changing Forces

6 Conducting as a Métier 61
The Persistence of Double Direction
The Violin Conductor
Bow or Baton?

The Baton
 Noisy Conducting
 The Importance of the Conductor
 Standing or Seated?
 Which Way Should the Conductor Face?
 Score or Part?
 Remote Control

- 7 New Sonorities: The Romantic Orchestral Palette 85
 The Woodwinds
 The Brass
 Percussion
 Other Instruments
 The Strings

Part Three: Size, Numbers, and Proportions in the Nineteenth-Century Orchestra

- 8 Expansion—Ideas and Reactions 117
- 9 Some Particular Nineteenth-Century Orchestras (43)
 Cross Sections
- 10 Relative Strengths and Proportions 163
 Orchestra versus Chorus

Part Four: Seating in the Nineteenth Century

- 11 Principles of Seating 175
 On Principles
- 12 Concert Seating Plans 201
- 13 Seating in the Church 239
- 14 Opera Seating 245
- 15 Festival Seating 275
- 16 Summary of Seating Practices 293

Part Five: Nineteenth-Century Music and Current Performance Practices

17	Toward a "Standard" Orchestra	299
	New Ideas on Seating	
	A Model of Procedure	

18	Postscript	327
	Halls	
	Pitch	

Notes	335
-------	-----

Bibliography	379
--------------	-----

Name Index	397
------------	-----

Subject Index	403
---------------	-----

Figures

1. Terry's Version of Bach's Layout 30
2. Plan of Baroque Orchestra after Seiffert 30
3. Quantz's Opera Seating 32
4. Dresden Opera under Hasse 33
5. Berlin Opera under Reichardt 34
6. Turin Opera Orchestra 36
7. Quantz's Concert Seating 36
8. Another Possible Realization of Quantz's Plan 38
9. Leipzig, Concert Society, 1746–48 39
10. Seating Plan Drawn after Junker 41
11. Junker's Orchestra on Stage 42
12. Mannheim Hofkapelle, Drawn after Junker 42
13. Berliner *Liebhaberconcert* 44
14. *Concert für Kenner und Liebhaber*, Berlin 44
15. Petri's Seating Plan 45

16.	Haydn-Salomon Concerts, London, 1791-93	46
17.	Plan for 1784 Handel Commemoration	47
18.	Handel's <i>Messiah</i> in Domkirchen, Berlin, 1786	49
19.	A Promenade, 1849, the Conductor Probably Jullien	81
20.	The Leipzig Gewandhaus Orchestra, ca. 1840	176
21.	Philadelphia, Musical Fund Society, ca. 1845	178
22.	Arnold's Seating Plan for the Theater	184
23.	Schubert's Seating Plan for the Theater	193
24.	Blitz's Seating Plan for the Theater	194
25.	Schroeder's Concert Seating with Chorus	198
26.	Schroeder's Theater Seating	198
27.	Paris, Orchester des grossen Concerts, 1810	202
28.	Paris, Société des Concerts, Seating Plan, ca. 1828	204
29.	Paris, Société des Concerts, Seating Plan, 1840	205
30.	Cassel, Double Quartet Seating, 1825	206
31.	Leipzig Gewandhaus Seating, 1844	207
32.	Leipzig Gewandhaus Seating, 1880-90	208
33.	Leipzig Gewandhaus Seating, 1896	210
34.	London Philharmonic Society Seating, 1840	212
35.	A London Orchestra, 1843	213
36.	London Philharmonic, Costa, Conductor	215

37. Promenade Concert, Covent Garden, 1847 216
38. Promenade Concert, Covent Garden, 1846 217
39. Dresden, a Concert Orchestra, 1840s 219
40. Dresden, "Stabiles Orchester," Old Opera House, 1840s 219
41. Munich, Hofkapelle, 1840s 221
42. Munich, Odeon, 1840s 221
43. Verdi Conducting His *Requiem*, 1873 224
44. Premiere of Dvořák's *New World* Symphony, Carnegie Hall,
1893 225
45. Boston Symphony, 1881 226
46. Boston Symphony, Henschel, Conductor 227
47. Henschel's Experimental Seating, Boston Symphony, 1881 228
48. A Plan Approved by Brahms 228
49. Boston Symphony with Nikisch, 1891 229
50. Thomas's Sounding Board 231
51. Thomas's Seating Plan 232
52. Thomas Orchestra, Gilmore's Garden, New York City 233
53. Thomas Orchestra, Steinway Hall, New York City 234
54. Chicago Orchestra in the Auditorium 235
55. Chicago Orchestra in Orchestra Hall 236
56. Weingartner's Seating for Beethoven's Ninth Symphony 237
57. Dresden, Hofkirche Seating 240

58.	Vienna, k. k. Hofkapelle	241
59.	Vienna, <i>Concert spirituel</i>	242
60.	Covent Garden Opera, 1889	247
61.	A Questionable Drawing of Weber's Dresden Seating	249
62.	Dresden, Opera Seating, 1840s	250
63.	Milan, La Scala, 1825	251
64.	La Scala, 1825, Another Version	251
65.	La Scala, ca. 1890	253
66.	Naples, San Carlo, 1818	253
67.	Vienna, Kärntnerthor Theater, 1821	254
68.	Vienna, Court Opera, 1840s	255
69.	Vienna, Court Theater, ca. 1890	256
70.	Berlin, Opera House, 1840s	258
71.	Berlin, Royal Opera, 1887	258
72.	Leipzig, Three Plans, 1830s and 1840s	259
73.	Frankfurt Layout, 1841	261
74.	Darmstadt, Court Theater, 1840s	262
75.	Darmstadt, Another Drawing	262
76.	Hessen-Kassel, Hoftheater, 1840s	263
77.	Munich, Hoftheater, 1840s	263
78.	London, Royal Theater, 1843	264

79. London, Covent Garden, 1847 265
80. New York, Castle Garden, Mid-Century 266
81. Verdi Conducting *Aïda* in Paris 267
82. Paris, Opéra, 1870s and 1880s 268
83. Bayreuth, Section of the Orchestra 270
84. Bayreuth, Seating Plan 271
85. Bayreuth, Cartoon of Seating 272
86. Bayreuth, Seating for *Parsifal* 273
87. Vienna, Handel's *Timotheus*, 1812 277
88. Vienna, Haydn's *Creation*, 1843 281
89. Darmstadt, Festival, 1844 282
90. Bonn, Beethoven Festival, 1845 283
91. A Performance of Beethoven's Choral Fantasy, 1852 285
92. Gounod's *Rédemption*, Birmingham Festival, 1882 286
93. Rhine Festival Plan, 1880s 287
94. New York Festival, Thomas, 1882 288
95. New York Festival, 1882, Alternate Plan 289
96. New York Festival, 1882, Handel Seating 290
97. Chicago, Festival, 1882 291
98. Mainz, Handel Festival, 1895/97 291
99. Wood's Seating Plan 303

100.	Wood's Sketch for Placing a Choir	305
101.	Wood's Plan for Orchestra and Chorus	306
102.	Boult's Seating Plan	308
103.	Boston Symphony, Koussevitzky, 1925	309
104.	Stokowski's "Upside-Down" Seating	311
105.	"Classic" Stokowski Plan	311
106.	Leipzig, Theater Plan, 1935	312
107.	Vienna Philharmonic, 1940s	313
108.	Amsterdam, Concertgebouw, 1940s	313
109.	New York Philharmonic, 1940s	314
110.	"Typical" American Opera Plan, 1940s	314
111.	Paris, Orchestre National, 1940s	315
112.	Orchestre National with Chorus, 1940s	316
113.	Hamburg Orchestra Playing Mozart, Jochum Conducting, 1950s	316
114.	Thienemann's Theater Plan	317
115.	Thienemann's Concert Plan	317
116.	Volbach's "Modern Orchestra"	318
117.	Scholz's Seating Plan, 1943	318

Tables

1. Berlin, Orchestra of the King of Prussia 17
2. Dresden, Orchestra of the King of Poland 18
3. Mannheim, Court Orchestra 19
4. Paris, Opéra Orchestra 21
5. Berlin Orchestras 144
6. Dresden Orchestras 147
7. Leipzig, Gewandhausorchester 149
8. Munich Orchestras 151
9. Milan, La Scala 153
10. London, Philharmonic Society 155
11. Paris, Opéra 157
12. Paris, Conservatory Orchestra 159