

Contents

List of illustrations	page xiii
Preface	xvii
Explanatory notes	xxi
List of abbreviations	xxiii
PARTI	
1 The English organ in 1820	3
Continuity and change	3
The Thaxted organ	6
Specification	II
Winding	23
Layout and action	27
Case and console	33
Pipework	40
2 Organs and organ-building, 1820-40	49
The organ-builders	49
Business and workshop	59
Churches and organs	65
Organ cases	73
3 The Insular Movement	86
Introduction	86
The background	88
Characteristic features	93
4 Three case studies	118
York Minster, 1802–53	118
Birmingham Town Hall, 1834-40	127
St George's Hall, Liverpool, 1843-55	135



x Contents	
5 The Bristol reformation	150
Compasses	155
Upperwork	156
Pedal organ and pedals	156
Swells	157
	0.
PARTII	
6 Bach, Mendelssohn and the English organ, 1810–45	163
Introduction	163
Mendelssohn's advocacy of Bach	164
The publication of Bach's organ works in England	168
Public performances of Bach's organ music, 1810-45	172
Foreign travel	175
7 The German System	181
Beginnings	181
Gauntlett	185
Hill	195
Inspiration	210
8 The work of William Hill, 1839–55	215
Introduction	215
St Peter-upon-Cornhill, 1839–40	215
St Mary-at-Hill, 1848	222
Kidderminster Town Hall, 1855	227
Layout and action	229
Pipework	236
Consoles and cases	246
9 The Transition	256
The builders and the German System, 1840–60	256
Gray & Davison, 1840–51	261
The rise of the concert organ	270
Smart and Davison: the 1850s	274
	, 1
PART III	
10 The emergence of the Victorian organ, 1850–70	295
1851 and the organ-builders	295



Contents	xi
Organs and organ-building, 1850–70	298
Ecclesiology	310
Casework	323
11 Music and mechanics	340
Composers, performers and the organ	340
Actions	349
Other innovations	361
Consoles	367
The introduction of equal temperament	371
12 German influences, 1855–70	374
Dissatisfaction with English builders	374
Preparing the ground	376
Edmund Schulze	383
The reception of German influences	388
13 Hill & Son, 1856–70	395
The firm	395
The Ulster Hall, Belfast, 1862	398
St John, Hyde Park Crescent, 1865	401
Stop lists	402
Pipework	407
14 Henry Willis	412
Introduction	412
Winchester Cathedral, 1854	417
St George, Preston, 1865	421
Union Chapel, Islington, 1877	426
Stop lists	432
Layout and action	435
Pipework	436
15 Epilogue	442
Appendix 1 Specifications	444
Appendix 2 Documents	507
Notes	514
List of references	537
Index	565





Illustrations

PLATES

	William Hill (Hill, Norman & Beard)	frontispiece
I	Thaxted Parish Church (Michael Perry)	page 7
2	Scone Palace. Toe pedals (Donald Wright)	21
3	Thaxted Parish Church. Pedal board (Michael Perry)	22
4	St Paul's Cathedral. Pedal board (1814)	22
5	'Interior Profile of an English Church Organ' from	
9	Rees's Cyclopaedia	24
6	Crick Parish Church (Andrew Freeman/British Organ	1
	Archive)	34
7	Ashridge	36
8	Thaxted Parish Church. Keyboards and stop jambs	3
	(Michael Perry)	37
9	Ashridge. Keyboards and stop jambs (B. B. Edmonds)	37
10	Thaxted Parish Church. Stop faces (Michael Perry)	38
ΙI	Ashridge. Stop faces (B. B. Edmonds)	39
12	Pipe constructions from Rees's Cyclopaedia	41
13	Everingham, Catholic Chapel (John Mander)	74
14	Birmingham Town Hall. Print of c. 1850	76
15	Birmingham Town Hall	, 77
16	St George, Camberwell (Andrew Freeman/British Organ	,,
	Archive)	78
17	St John, Waterloo Road (Andrew Freeman/British Organ	,
•	Archive)	79
18	St James, Bermondsey (Andrew Freeman/British Organ	7.5
	Archive)	80
19	Lincoln Cathedral	81
20	York Minster (Photowork Ltd)	83
2 I	Bromyard Parish Church	84
22	Ombersley Parish Church (Andrew Freeman/British	-
	Organ Archive)	85
23	St James, Bermondsey. Console (Andrew Freeman/British	
,	Organ Archive)	103



xiv	Illustrations	
24	St George's Hall, Liverpool	140
25	Edward Hodges	151
26	H. J. Gauntlett (J. D. Sharp)	186
27	Christ Church, Newgate Street (Andrew Freeman/British	
•	Organ Archive)	188
28	The Royal Panopticon of Science and Art, Leicester	
	Square, Hill 1853 (B. B. Edmonds)	206
29	St Peter-upon-Cornhill, London (J. D. Sharp)	217
30	St Mary-at-Hill, London (Hill, Norman & Beard)	225
31	Kidderminster Town Hall, Hill 1855	226
32	Ashton-under-Lyne Parish Church (F. A. Hadwen)	249
33	Holy Trinity, Taunton (M. Culverwell)	250
34	Great George Street Chapel, Liverpool (Graham Spencer)	251
35	Eastbrook Hall, Bradford	252
36	St Peter-upon-Cornhill (J. D. Sharp)	254
37	St Paul, Wilton Place, Knightsbridge	263
38	Halifax Place Wesleyan Chapel, Nottingham (Andrew	,
3	Freeman/British Organ Archive)	265
39	St Anne, Limehouse	268
40	St Anne, Limehouse. Console detail	269
41	Henry Smart	276
42	Leeds Town Hall	285
43	Leeds Town Hall, original drawings: console and stop	3
10	action (Leeds City Libraries, Archives Department)	287
44	Leeds Town Hall, original drawings: section (Leeds City	,
	Libraries, Archives Department)	288
45	Leeds Town Hall, original drawings: section showing Solo	
	Organ (Leeds City Libraries, Archives Department)	289
46	Upton Scudamore Parish Church	319
47	Designs for Gothic cases from F. H. Sutton's <i>Church organs</i>	0 0
1,	(1872)	325
48	Proposals for the Gothicising of existing cases from F. H.	3 0
•	Sutton's Church organs (1872)	326
49	Design for an organ case by William Butterfield from	Ü
10	Instrumenta Ecclesiastica (1856) (University Library,	
	Cambridge)	329
50	St Michael's College, Tenbury (H. Stubington)	331
51	Sherborne Abbey (Andrew Freeman/British Organ	00
O	Archive)	333
52	Ely Cathedral (E. Adcock)	334
53	Alexandra Palace	336
54	St Martin-in-the-Fields, London (H. T. Lilley)	337
55	St Pancras Parish Church, London (G. Benham)	338
56	Union Chapel, Islington. The console (J. D. Sharp)	369
9	1 /	5 5



	Illustrations	XV
57	The Royal Albert Hall, London. The console (Gilbert	
0,	Benham/Laurence Elvin)	370
58	Edmund Schulze	384
59	The Exchange Rooms, Northampton	385
6o	The Ulster Hall, Belfast (Lord Dunleath)	400
61	St John, Hyde Park Crescent, London	403
62	Henry Willis	413
63	St George, Preston (F. A. Hadwen)	423
64	St George, Preston. Console detail (F. A. Hadwen)	424
FI	GURES	
I	Thaxted Parish Church, bellows and winding	23
2	Colne Parish Church, waste pallet	27
3	Thaxted Parish Church, key and coupler actions	28
4	Thaxted Parish Church, pedal and stop actions	29
5	Crick Parish Church, key actions	30
6	Action for a Choir Organ ('Preston', 1842) from Gray &	30
~	Davison Shop Books (MS 3: f. 47)	32
7	Wooden flute: 'English' block	43
8	Everingham, Catholic Chapel: key and pedal actions	94
9	William Hill's box pallet	128
10	Birmingham Town Hall: conjectural layout, c. 1840	134
II	Hill's wald-flute and oboe-flute	200
12	St Peter-upon-Cornhill: section	230
13	St Peter-upon-Cornhill: section	231
14	Kidderminster Town Hall: stop action and winding	-31
-4	of Pedal	232
15	Kidderminster Town Hall: key and swell actions	233
16	Kidderminster Town Hall: detail of pedal action	234
17	Nicking of Hill pipes, 1840s	238
18	Holt's jointed pallet	349
19	Jardine's valve pallet	350
20	Hill's relief pallet	350 350
21	Barker's relief pallet	350
22	Willis's hollow valve	351
23	Willis's diaphragm-aided pallet	351
-3 24	Hamilton's pneumatic lever, c. 1839	353
25	Barker's pneumatic lever, c. 1851	353
26	Barker's compensating bellows	355
27	St George, Preston: key and pedal actions	427
28	St George, Preston: stop action	428
29	Union Chapel, Islington: Great, Choir and Pedal actions	429
30	Union Chapel, Islington: Swell and Pedal actions	430



xvi Illustrations

TABLES

I	Thaxted, 1821: scales	10
2	English organs with pedal pipes: 1820	16
3	Crick, 1819: scales of flutes	42
4	Chaddesley Corbett, 1817: Great trumpet	45
5	Ashridge, 1818: Great diapason chorus	46
6	John Gray: analysis of work, 1822–37	63
7	Dates of the introduction of organs in Cambridge churches	67
8	Everingham, 1837: Great and Swell choruses	93
9	CC compasses in English organs, 1829–56	95
ю	English organs with pedal pipes: 1821-56	98
ΙI	Oldham Parish Church, 1830: Great chorus and Swell 16'	107
I 2	Manual doubles, 1820–40	107
13	Birmingham Town Hall, 1834: original scales	131
14	St George's Hall, Liverpool, 1855: original scales	148
15	The publication of Bach's organ music in England, and	
	works arranged for the organ, 1799–1845	169
16	Public performances of Bach's compositions: 1810-45	176
17	Organs designed by Gauntlett, 1838–49	189
18	Synoptic specifications of Hill's organs, 1838-60	197
19	Registers introduced by Hill into his organs, 1840-55	199
20	Synoptic stop lists of Hill's totally enclosed organs, 1841–54	209
2 I	St Peter-upon-Cornhill, 1840: scales	240
22	St Mary-at-Hill, 1848: scales	241
23	Kidderminster Town Hall, 1855: scales	242
24	Hill reeds	246
25	Gray & Davison: long- and C-compass organs, 1841-52	266
26	Hill & Son, 1856–72: organs built	397
27	St John, Hyde Park Crescent: scales	409
28	Ulster Hall, Belfast, 1862: scales	410
29	Diameters of reed resonators: Ulster Hall, Belfast, and St	
	John, Hyde Park Crescent	411
30	Winchester Cathedral. Scales of some registers from the	
	1854 organ, formerly in Willis's organ for the Great	
	Exhibition (1851)	420
31	Winchester Cathedral. Details of reeds surviving from the	
	1854 organ, formerly in Willis's organ for the Great	
	Exhibition (1851)	420
32	St George, Preston, 1865: scales of Great chorus	426
33	Reading Town Hall: scales of the 1864 pipework	438
34	Union Chapel, Islington, 1877: scales	44 I