



NICHOLSON & Co.

LEEDS TOWN HALL

Nicholson & Co., Malvern, 2023

using some pipework from previous instrument by
Gray & Davison, London, 1858, 1865, 1873
Abbott & Smith, Leeds, 1905
Wood, Wordsworth & Co., Leeds, 1972

PEDAL ORGAN (C to g ¹)	Feet	Pipes	Remarks*
1. Gravissima	64	-	C1-B12 play 2 with quint from 3; C13+ play 2 -8ve
2. Double Open Diapason <i>ext from 6</i>	32	12	existing Open Diapason 32' (Ped)
3. Contra Bourdon <i>ext from 8</i>	32	12	existing Sub Bass 32' (Ped)
4. Open Wood I	16	32	new, wood, open
5. Open Wood II	16	32	existing Open Wood 16' (Ped)
6. Open Diapason	16	32	existing Open Metal 16' (Ped)
7. Violone	16	32	existing Dulciana 16' (Ped) voiced back to original tonality and title
8. Bourdon	16	32	existing Bourdon 16' (Ped)
9. Lieblich Bourdon <i>from 73</i>	16	-	
10. Quint <i>ext from 8</i>	10 ² / ₃	7	from existing Bass Flute 8' (Ped)
11. Octave Wood <i>ext from 5</i>	8	12	new
12. Principal	8	32	C1-B12 new; C13+ from 15 th rank of existing Mixture V (Ped)
13. Bass Flute <i>ext from 8</i>	8	5	from existing Bass Flute 8' (Ped)
14. Twelfth	5 ¹ / ₃	32	existing
15. Fifteenth	4	32	existing
16. Flute	4	32	existing Nachthorn 4' (Ped)
17. Mixture 19.22.26.29	IV	128	existing Mixture V (Ped), recast
18. Grand Bombarde <i>ext from 19</i>	32	12	new
19. Bombarde	16	32	new
20. Trombone	16	32	existing Fagotto 16' (Ped)
21. Fagotto <i>from 89</i>	16	-	
22. Trumpet	8	32	existing Clarion 8' (Ped)
23. Clarion	4	32	existing Schalmey 4' (Ped)

Choir to Pedal Great to Pedal Swell to Pedal Solo to Pedal

* divisions within parentheses denote location within present instrument



CHOIR ORGAN (C to c ⁴)	Feet	Pipes	Remarks
24. Quintaton	16	61	C1-F#19 from existing Gedeckpommer 16' (Gt); G20+ from existing Stopped Diapason 8' (Pos)
25. Open Diapason	8	61	C1-B12 from existing Diapason 8' (Pos); C13+ from existing Principal 4' (Gt)
26. Stopped Diapason	8	61	existing Gedeckt 8' (Gt)
27. Gemshorn	4	61	existing Spitz Flute 4' (Pos), revoiced
28. Koppel Flute	4	61	existing Koppel Flute 4' (Pos), revoiced
29. Nazard [sic]	2 ² / ₃	61	existing Nazard 2 ² / ₃ ' (Pos), revoiced
30. Principal	2	61	existing Principal 2' (Pos) revoiced
31. Flute	2	61	existing Block Flute 2' (Pos) revoiced
32. Tierce	1 ³ / ₅	61	new
33. Larigot	1 ¹ / ₃	61	new
34. Septième	1 ¹ / ₇	61	C1-A58 from existing Larigot 1 ¹ / ₃ ' (Pos), revoiced; A#59+ new
35. Mixture 22.26.29	III	183	existing Mixture III (Pos), recast, revoiced
36. Cremona	8	61	new
<i>Tremulant</i>			
37. Tuba <i>from 102</i>	8	-	

Great to Choir Swell to Choir Solo to Choir

Grand on Choir Great Reeds on Choir



**ECHO CHOIR ORGAN
(C to c⁴)**

	Feet	Pipes	Remarks
38. Contra Dulciana	16	61	new; C1-B12 stopped, metal; C13+ metal, open
39. Flauto Traverso	8	61	new
40. Viola da Gamba	8	61	existing Salicional 8' (Sw)
41. Dulciana	8	61	one rank of existing Unda Maris II (Pos)
42. Vox Angelica	8	54	from G8, one rank of existing Unda Maris II (Pos)
43. Salicet	4	61	new
44. Lieblich Flute	4	61	C1-F#7 new; G8-C49 from 8' rank of existing Cornet V (Gt); C#50-C61 new
45. Lieblich Piccolo	2	61	C1-G56 from existing Flute Nazard 2 ² / ₃ ' (Sw); G#57+ new
46. Chimes	-	-	new

Tremulant

Sub Octave Unison Off Octave

Note: unless transferred to the Solo manual via the Echo Choir on Solo transfer, the Echo Choir division will be playable on the Choir manual and will be affected by inter-divisional couplers as part of the Choir division. The Sub Octave, Unison Off and Octave above affect only the Echo Choir division.



GREAT ORGAN (C to c ⁴)		Feet	Pipes	Remarks
47.	Double Diapason	16	61	existing Double Open Diapason 16' (Gt)
48.	Open Diapason I	8	61	existing Open Diapason I 8' (Gt)
49.	Open Diapason II	8	61	existing Open Diapason II 8' (Gt)
50.	Flute à Pavillon	8	61	existing Flute à Pavillon 8' (Gt)
51.	Stopped Diapason	8	61	C1-B12 new; C13+ from existing Nason Flute 4' (Gt)
52.	Principal I	4	61	existing Octave 4' (Gt)
53.	Principal II	4	61	C1-G56 from existing Quint 5 ¹ / ₃ ' (Gt); G#57+ new
54.	Wald Flute	4	61	existing Open Flute 4' (Sw)
55.	Twelfth	2 ² / ₃	61	existing Twelfth 2 ² / ₃ ' (Gt)
56.	Fifteenth	2	61	existing Fifteenth 2' (Gt)
57.	Open Flute	2	61	existing Wald Flute 2' (Gt)
58.	Seventeenth	1 ³ / ₅	61	existing Tierce 1 ³ / ₅ ' (Pos), revoiced
59.	Quartane 19.22	II	122	existing Nineteenth 1 ¹ / ₃ ' (Gt) and Twenty-Second 1' (Gt) with new breaks
60.	Furniture 15.19.22.26	IV	244	existing Grand Chorus V-VII (Gt), recast
61.	Mixture 26.29.33	III	183	existing Sharp Mixture IV (Gt), recast
62.	Double Trumpet	16	61	existing Double Trumpet 16' (Gt), revoiced
63.	Trumpet	8	61	existing Trumpet 8' (Gt), revoiced
64.	Clarion	4	61	existing Clarion 4' (Gt), revoiced

Choir to Great Swell to Great Solo to Great

GRAND ORGAN (C to c ⁴)		Feet	Pipes	Remarks
65.	Double Open Diapason	16	49	C1-B12 from 47; C13+ new
66.	Grand Diapason	8	61	new
67.	Harmonic Flute	8	61	new
68.	Octave	4	61	new
69.	Super Octave	2	61	new
70.	Grand Chorus 12.15.19.22.26	V	305	new
71.	Contra Posaune	16	61	new
72.	Tromba	8	61	new, hooded

Note: unless transferred to the Choir and/or Solo manual via the Grand on Choir and Grand on Solo transfers, the Grand division will be playable on the Great manual and will be affected by inter-divisional couplers as part of the Great division.



SWELL ORGAN (C to c ⁴)	Feet	Pipes	Remarks
73. Lieblich Bourdon	16	61	existing Lieblich Bourdon 16' (Sw)
74. Geigen Principal	8	61	existing Geigen Principal 8' (Sw)
75. Rohr Flute	8	61	existing Rohr Flute 8' (Sw)
76. Salicional	8	61	new
77. Voix Celeste	8	49	from C13, existing Celeste 8' (Sw)
78. Principal	4	61	existing Principal 4' (Sw)
79. Flute	4	61	new, metal, tapered
80. Nasard [sic]	2 ² / ₃	61	new, spotted
81. Fifteenth	2	61	existing Fifteenth 2' (Sw)
82. Flageolet	2	61	existing Flageolet 2' (Sw)
83. Tierce	1 ³ / ₅	61	from existing Sesquialtera II (Sw)
84. Mixture 15.19.22	III	183	existing Sesquialtera II (Sw), recast with some new
85. Plein Jeu 19.22.26.29	IV	244	existing Plein Jeu V-VI (Sw), recast with some new
86. Horn	8	61	existing Cornopean 8' (Sw), revoiced with new shallots and tongues and non-harmonic trebles
87. Oboe	8	61	existing Oboe 8' (Sw)
88. Voix Humaine	8	61	new
<i>Tremulant</i>			
89. Contra Fagotto	16	61	existing Contra Fagotto 16' (Sw) with new wooden non-harmonic trebles, revoiced brighter
90. Cornopean	8	61	new
91. Clarion	4	61	existing, revoiced brighter, new non-harmonic trebles

Sub Octave Unison Off Octave

Solo to Swell



SOLO ORGAN
(C to c⁴)

		Feet	Pipes	Remarks
92.	Orchestral Flute	8	61	new, metal, open, tapered
93.	Unda Maris	8	49	from C13, new, metal, open, tapered
94.	Viola	8	61	new
95.	Viola Celeste	8	52	from A10, new
96.	Concert Flute	4	61	new, metal, harmonic treble
97.	Harmonic Piccolo	2	61	new, metal, harmonic treble
98.	Orchestral Bassoon	16	73	C1-B12 new; C13+ existing Basset Horn 8' (Sw) 12 extra notes for use with octave coupler
99.	Clarinet	8	61	new

Tremulant

100.	French Horn	8	61	new, heavy pressure
101.	Orchestral Trumpet	8	61	new, heavy pressure
102.	Tuba	8	61	new, heavy pressure, unenclosed
103.	Ophicleide	8	61	existing Ophicleide 8' (Pos)

Sub Octave Unison Off Octave

Echo Choir on Solo Grand on Solo



ESTABLISHED 1841



Actions

Electro-pneumatic throughout except for electric slider solenoids

Accessories

Balanced expression pedals to Echo Choir Organ, Swell Organ and Solo Organ

8 divisional toe pistons to Pedal Organ

8 divisional thumb pistons to Choir / Echo Choir Organs

8 divisional thumb pistons to Great / Grand Organs

8 divisional thumb pistons to Swell Organ

8 divisional thumb pistons to Solo Organ

10 general toe and thumb pistons

Reversible toe pistons: *Great to Pedal, Solo to Great*

Reversible thumb pistons: *Choir to Pedal, Great to Pedal, Swell to Pedal, Solo to Pedal, Great to Choir, Swell to Choir, Solo to Choir, Choir to Great, Swell to Great, Solo to Great, Solo to Swell,*

Contra Bourdon 32', Grand Bombarde 32'

Combination coupler: *Great and Pedal Pistons*

8 stepper advance thumb pistons

1 stepper reverse thumb pistons

1 stepper advance toe piston

1 stepper reverse toe piston

1 stepper advance button in Great treble key cheek

1 stepper reverse button in Great treble key cheek

1 iPad page-turning advance thumb piston

1 iPad page-turning reverse thumb piston

Pedal divide (adjustable)

Setter thumb piston

General cancel thumb piston

16 divisional piston memory levels

999 general piston memory levels



Mixture compositions

Pedal Organ

Mixture IV

C1 19.22.26.29 no breaks

Choir Organ

Mixture III

C1 22.26.29

D#16 19.22.26

F#31 15.19.22

F#43 12.15.19

F#55 8.12.15

Great Organ

Quartane

C1 19.22

G#45 15.19

D#52 12.15

Fourniture

C1 15.19.22.26

C13 12.15.19.22

C25 8.12.15.19

C49 5.8.12.15

Mixture

C1 26.29.33

A10 22.26.29

F#19 19.22.26

C#26 15.19.22

C#38 12.15.19

F#55 8.12.15

Grand Organ

Grand Chorus

C1 12.15.19.22.26

G#9 8.12.15.19.22

G#21 5.8.12.15.19

G#45 1.5.8.12.15



Swell Organ

Mixture III

C1 15.19.22
G#21 12.15.19
G#45 8.12.15

Plein Jeu IV

C1 19.22.26.29
C#14 15.19.22.26
C#26 12.15.19.22
C#38 8.12.15.19
C#50 1.8.12.15

Wind pressures

Pedal Organ

- Open Wood I 16' 180mm (7")
- Trombone 16' and Trumpet 8' 150mm (6")
- Grand Bombarde 32' / Bombarde 16' 255mm (10")
- all other stops 125mm (5")

Choir Organ

- all stops 115mm (4.5")

Echo Choir Organ

- all stops 115mm (4.5")

Great Organ

- flues 115mm (4.5")
- reeds 180mm (7")

Grand Organ

- all stops 180mm (7")

Swell Organ

- flues (except Plein Jeu) and low-pressure reeds 115mm (4.5")
- high-pressure reeds and Plein Jeu 180mm (7")

Solo Organ

- flues and low-pressure reeds 180mm (7")
- French Horn 8', Orchestral Trumpet 8' and Tuba 8' 460mm (18")
- Ophicleide 8' 255mm (10")