

Specification of  
**THE HISTORIC COLSTON HALL PIPE ORGAN**

Harrison & Harrison Ltd., Durham 1956

**Pedal Organ**

1	Double Open Wood	32	(from 4)
2	Open Metal	16	
3	Open Wood I	16	
4	Open Wood II	16	
5	Violone	16	
6	Bourdon	16	
7	Quintaton	16	(from 64)
8	Viola	16	(from 80)
9	Dulciana	16	(from 35)
10	Octave Metal	8	(from 2)
11	Principal	8	
12	Octave Wood	8	(from 4)
13	Flute	8	(from 6)
14	Octave Quint	$5\frac{1}{3}$	
15	Super Octave	4	(from 2)
16	Fifteenth	4	
17	Octave Flute	4	(from 6)
18	Mixture 12.17.19.22	IV	
19	Double Ophicleide	32	(from 20)
20	Ophicleide	16	
21	Trombone	16	(from 61)
22	Fagotto	16	(from 75)
23	Posaune	8	(from 20)
24	Octave Posaune	4	(from 20)

**Pedal Couplers**

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

**Choir Organ Enclosed**

25	Open Diapason	8	
26	Stopped Diapason	8	
27	Principal	4	
28	Stopped Flute	4	
29	Nazard	$2\frac{2}{3}$	
30	Super Octave	2	
31	Tierce	$1\frac{3}{5}$	
32	Larigot	$1\frac{1}{3}$	
33	Twenty Second	1	
34	Mixture 26.29.33	III	

**Choir Unenclosed**

35	Double Dulciana	16	
36	Claribel Flute	8	
37	Salicional	8	
38	Vox Angelica	8	TC
39	Dulciana	8	
40	Dulcet	4	
41	Clarinet	8	
42	Cornopean	8	
43	Contra Tromba	16	(from 61)
44	Tromba	8	(from 62)
45	Octave Tromba	4	(from 63)
46	Tuba	8	(from 93)
	Tremulant		See Note 1

**Choir couplers**

Choir octave  
Choir suboctave  
Choir unison off  
Swell to Choir  
Solo to Choir

**Great Organ**

47	Double Geigen	16	
48	Open Diapason 1	8	
49	Open Diapason 2	8	
50	Open Diapason 3	8	
51	Geigen	8	
52	Hohl Flute	8	
53	Quint	$5\frac{1}{3}$	
54	Octave	4	
55	Principal	4	
56	Wald Flute	4	
57	Octave Quint	$2\frac{2}{3}$	
58	Super Octave	2	
59	Mixture 15.19.22	III	
60	Mixture 17.19.22.26.29	V	
61	Contra Tromba	16	
62	Tromba	8	
63	Octave Tromba	4	

**Great couplers**

Choir to Great  
Swell to Great  
Solo to Great

**Swell Organ Enclosed**

64	Quintaton	16
65	Open Diapason	8
66	Violin Diapason	8
67	Lieblich Gedeckt	8
68	Echo Gamba	8
69	Voix Celeste	8
70	Principal	4
71	Lieblich Flute	4
72	Twelfth	2 $\frac{2}{3}$
73	Fifteenth	2
74	Mixture 17.19.22.26.29	V
75	Contra Oboe	16
76	Oboe	8
77	Double Trumpet	16
78	Trumpet	8
79	Clarion	4
	Tremulant	

**Swell couplers**

Swell octave  
Swell suboctave  
Swell unison off  
Solo to Swell

**Solo Organ Enclosed**

80	Contra Viola	16	
81	Viole d'Orchestre	8	
82	Viole Celeste	8	CC
83	Viole Sourdine	8	
84	Viole Octaviante	4	
85	Cornet Des Violes	III	10.12.15
86	Harmonic Flute	8	
87	Concert Flute	4	
88	Harmonic Piccolo	2	
89	Orchestral Oboe	8	
90	Cor Anglais	8	
91	French Horn	8	
92	Orchestral Trumpet	8	
93	Tuba	8	
94	Tuba Clarion	4	
	Tremulant		

**Solo couplers**

Solo Octave  
Solo Sub Octave  
Solo Unison Off

Detached console. Key & stop action electro-pneumatic throughout. Pitch C=523.3 (A=440)

**Accessories**

8 thumb pistons to each manual  
8 general thumb pistons,  
Cancel pistons to each division  
General Cancel  
Reversible thumb pistons for Sw-Gt, Ch-Gt, So-Gt, Gt-Pd,  
Sw-Pd, Ch-Pd, So-Pd, Sw-Ch, Double Open Wood, Double Ophicleide.  
8 adjustable toe pistons each to Swell and Pedal  
Reversible toe pistons for Sw-Gt, Ch-Gt, So-Gt, So-Ped, Ch-Pd, Sw-Ch, Gt-Pd.  
Great and Pedal combinations coupled  
Swell and Pedal combinations coupled  
Stepper thumb pistons (7+, 2-) duplicated by toe pistons  
Balanced Swell, Choir, Solo and Crescendo pedals

NOTE 1: LCa says the Cornopean is affected by the Tremulant as is the Clarinet, Salicional and Vox Angelica.

**Wind pressures**

Pedal: flues 3-5", reeds 7-15"  
Choir: 3", Great Flues 4", reeds 9"  
Swell: Flues and Oboes 4.5", reeds 7"  
Solo: Flues & Orch. reeds 5", F.Horn & Tpt & Tubas 15"  
Action: 12-15"

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