

Specifications

Four Manual & Lobby organ

for
S. G. Pells Theatre

Hartford Conn.

organ to be located on both sides of
perchman in special chamber
Lobby organ located in suitable
chamber over main entrance, with
separate blower in adjoining room.

Reg leading

Elec action

Man

Prd

cc & c4 61

ccc & G' 32

Separate estimate
for display pipes

SPECIFICATIONS OF AN ORGAN

FOUR MANUALS: Compass C₂ to C₄, 61 Notes

PEDALS:- Compass C₂ to G₁, 32 Notes.

ACTION: The Moller Patent Electro-Pneumatic
"DUPLIX" and "UNIT" CHESTS.

CONSOLE: Detached.

Stops operated by.. *Knobs*

FIRST DIVISION

On Open Chest.

* A - 16'	Diapason, 8' Grossflöte, 4' Solo Flute.....	97 Pipes..wood
* B - 16'	Violone, 8' Violin Principal, 4' Octave.....	73 Pipes..wood & metal
- C - 8'	First Diapason.....	73 Pipes..metal
- D - 8'	Second Diapason.....	85 Pipes..wood "

Enclosed in First Swell-Box

- F - 8'	Concert Flute.....	73 Pipes..wood
- G - 8'	Gemshorn.....	73 Pipes..metal <i>W</i>
- H - 8'	Grossgamba.....	73 Pipes..metal
- I - 8'	Gamba Celeste.....	61 Pipes..metal
- J - 8'	Viole Sourdine, Violette (4').....	85 Pipes..metal
- K - 4'	Waldfloete, 2' Piccolo.....	73 Pipes..metal & wood
- L - 8'	Orchestral Clarinet, 16' Bass Clarinet (Tenor C).....	73 Pipes..reed
* M - 16'	Trombone, 8' Harmonic Trumpet, 4' Clarion.....	97 Pipes..reed

SECOND DIVISION

Enclosed in Second Swell-Box

* N - 16'	Bourdon, 8' Gedackt.....	85 Pipes..wood
- P - 8'	Horn Diapason (leathered).....	73 Pipes..metal <i>W</i>
- Q - 8'	Quintadena, 4' Quintadena.....	85 Pipes..metal
- R - 8'	Viole d'Orchestre.....	73 Pipes..metal
- S - 8'	Viole Celeste.....	73 Pipes..metal
- T - 8'	Viole	49 Pipes..metal
- U - 4'	Flauto Traverso, 2' Flautino.....	73 Pipes..wood & metal
- V - 4'	Octave Viole.....	73 Pipes..metal
- W - 8'	Cor Anglais, 8' Orchestral Oboe.....	73 Pipes..reed
- X - 8'	Tuba Mirabilis (16' pipe)	73 Pipes..reed
- Y - 8'	French Horn.....	73 Pipes..reed
- Z - 8'	Vox Humana (special location etc.).....	61 Pipes..reed

(* On "Unit" Chests. - On "Duplex" Chests)

SPECIALTIES

AAA	Cathedral Chimes.....	20 Tubular Bells
BBB	(Celesta (Harp).....	49 Resonated Metal Bars
	(Glockenspiel (single stroke).....	<i>49</i>
	(Orchestral Bells (repeat action).....	<i>20</i>
CCC	Chimes	20 notes
DDD	Xylophone.....	25 notes
EFE	Bass Drum.....	
GCG	Snare Drum.....	
HHH	Triangle.....	
III	Cymbals.....	
JJJ	Tambourine.....	
KKK	Castinets.....	

FIRST DIVISION

On Open Chest.

* A - 16'	Diapason, 8' Grossflöte, 4' Solo Flute.....	97 Pipes..wood
* B - 16'	Violone, 8' Violin Principal, 4' Octave.....	73 Pipes..wood & metal
- C - 8'	First Diapason.....	73 Pipes..metal
- D - 8'	Second Diapason.....	85 Pipes..wood

Enclosed in First Swell-Box

- F - 8'	Concert Flute.....	73 Pipes..wood
- G - 8'	Gemshorn.....	73 Pipes..metal
- H - 8'	Grossgamba.....	73 Pipes..metal
- I - 8'	Gamba Celeste.....	61 Pipes..metal
- J - 8'	Viole Sourdine, Violettes (4').....	85 Pipes..metal
- K - 4'	Waldfloete, 2' Piccolo.....	73 Pipes..metal & wood
- L - 8'	Orchestral Clarinet, 16' Bass Clarinet (Tenor C).....	73 Pipes..reed
* M - 16'	Trombone, 2' Harmonic Trumpet, 4' Clarion.....	97 Pipes..reed

SECOND DIVISION

Enclosed in Second Swell-Box

* N - 16'	Bourdon, 2' Cedeckt.....	85 Pipes..wood
- P - 8'	Horn Diapason (leathered).....	73 Pipes..metal
- Q - 8'	Quintadena, 4' Quintadena.....	85 Pipes..metal
- R - 8'	Viole d'Orchestre.....	73 Pipes..metal
- S - 8'	Viole Celeste.....	73 Pipes..metal
- T - 8'	Viole.....	49 Pipes..metal
- U - 4'	Flauto Traverso, 2' Flautino.....	73 Pipes..wood & metal
- V - 4'	Octave Viole.....	73 Pipes..metal
- W - 8'	Cor Anglais, 8' Orchestral Oboe.....	73 Pipes..reed
- X - 8'	Tuba Mirabilis (2' & 4').....	73 Pipes..reed
- Y - 8'	French Horn.....	73 Pipes..reed
- Z - 8'	Vox Humana (special location etc.).....	61 Pipes..reed

(* On "Unit" Chests. - On "Duplex" Chests)

SPECIALTIES

AAA	Cathedral Chimes.....	20 Tubular Bells
BBB	(Celesta (Harp).....	49 Resonated Metal Bars
	(Glockenspiel (single stroke).....	49
	(Orchestral Bells (repeat action).....	20
CCC	Single Bells	20 notes
DDD	Xylophone.....	25 notes
EEE	Bass Drum.....	
GGG	Snare Drum.....	
HHH	Triangle.....	
III	Cymbals.....	
JJJ	Tambourine.....	
KKK	Castinets.....	

(over)

The various "SETS-OF-PIPES" and "SPECIALTIES", enumerated above, arranged on Four Key-Boards and Pedals, as follows:-----

ON GREAT ORGAN ----- Second Manual

1 - From B	16' Violone.....	73 Notes
2 - " C	8' First Diapason.....	73 "
3 - " D	8' Second Diapason.....	73 "
4 - " G	8' Gemshorn.....	73 61" P
5 - " F	8' Concert Flute.....	73 61" P
6 - " H	8' Grossgamba.....	73 61" P
7 - " I & H	8' Gamba Celeste.....	73 61" P
8 - " C	4' Octave (Octave of #2).....	61 73 61" N
9 - " K	4' Waldflöte.....	73 Notes
10 - " L	16' Bass Clarinet.... (Tenor C).....	49 61 Notes
11 - " M	16' Trombone.....	73 "
12 - " M	8' Harmonic Trumpet.....	73 "
13 - " M	4' Clarion.....	73 "

ON SWELL ORGAN ----- Third Manual

14 - From M, N	✓ 16' Bourdon.....	73 Notes
15 - " P	✓ 8' Horn Diapason.....	73 61" P
16 - " H	✓ 8' Gedeckt.....	73 61" P
17 - " R	✓ 8' Viole d'Orchestre.....	73 61" P
18 - " S & R+V	✓ 8' Viole Celeste.....	73 61" P
19 - " Q	✓ 8' Quintadena.....	73 Notes
20 - " U	✓ 4' Flauto Traverse.....	73 Notes
21 - " V	✓ 4' Octave Viol.....	73 61" P
22 - " U	✓ 2' Flautina.....	61 Notes
23 - " Y	✓ 8' French Horn.....	61 73 Notes
24 - " W	✓ 8' Orchestral Oboe.....	61 73 Notes
25 - " Z	✓ 8' Vox Humana.....	61 "
26	Tremulant	

ON ORCHESTRAL ORGAN ----- First (lower) Manual.

27 - From P	8' Diapason.....	73 Notes
28 - " G	8' Gemshorn.....	73 61" "
29 - " F	8' Concert Flute.....	73 61" "
30 - " H	8' Grossgamba.....	73 61" "
31 - " H, I, J & J	4' Vibrant Strings (four ranks).....	73 61" "
32 - " J	8' Viole Scordine.....	73 73 Notes
33 - " J	4' Violette.....	73 61" Notes
34 - " K	2' Piccolo (Octave of #3).....	61 Notes
35 - " L	8' Orchestral Clarinet.....	73 61" Notes
36 - " BBB	Celesta (Harp).....	49 Notes
37 - " BBB	Glockenspiel.....	49 "
38 - " BBB	Orchestral Bells (repeat action).....	25 "
39 - " DDD	Xylophone.....	25 "
40 - " HHH	✓ Triangle... (Operative on 1st Octave).....	61 "
41 - " GGG	✓ Snare Drum (Operative on 1st Octave).....	61 "
42 -	Tremulant	

ON SOLO ORGAN ----- Fourth (upper) Manual

43 - From E	8' Viole.....	49 Notes
44 - " R	✓ 8' Viol d'Orchestre.....	73 61" Notes
45 - " A	8' Grossflöte.....	73 73 Notes
46 - " P	✓ 8' Horn Diapason.....	73 61" Notes
47 - " H	8' Gedeckt.....	73 Notes
48 - " R, S, & T	✓ 8' Orchestral Strings.....	73 61" Notes

5 -	"	F	8' Concert Flute.....	73	61	"	P
6 -	"	H	8' Grossgamba.....	73	61	"	P
7 -	"	I & H	8' Gamba Celeste.....	73	61	"	P
8 -	"	C	4' Octave (Octave of #2).....	61	73	61	"
9 -	"	K	4' Waldflöte.....	73			Pipes
10 -	"	L	16' Bass Clarinet....(Tener.C).....	49	61		Notes
11 -	"	M	16' Trombone.....	73			"
12 -	"	M	8' Harmonic Trumpet.....	73			"
13 -	"	M	4' Clarion.....	73			"

ON SWELL ORGAN ----- Third Manual

14 -	From	N	✓ 16' Bourdon.....	73			Notes
15 -	"	P	✓ 8' Horn Diapason.....	73			"
16 -	"	N	✓ 8' Gedeckt.....	73			"
17 -	"	R	✓ 8' Viole d'Orchestre.....	73			"
18 -	"	S & R + V	✓ 8' Viole Celeste.....	73			"
19 -	"	Q	8' Quintadena.....	73			Pipes
20 -	"	U	✓ 4' Flauto Traverso.....	73			Pipes
21 -	"	V	4' Octave Viol.....	73	61		Pipes
22 -	"	U	✓ 2' Flautina.....	61			"
23 -	"	Y	✓ 8' French Horn.....	61	73		Pipes
24 -	"	W	8' Orchestral Oboe.....	61	73		Pipes
25 -	"	Z	✓ 8' Vox Humana.....	61			"
26			Tremulant				

ON ORCHESTRAL ORGAN ----- First (lower) Manual.

27 -	From	P	8' Diapason.....	73			Notes
28 -	"	G	8' Gemshorn.....	73	61		"
29 -	"	F	8' Concert Flute.....	73	61		"
30 -	"	H	8' Grossgamba.....	73	61		"
31 -	"	H, I, J & J	4' Vibrant Strings (four ranks).....	73			"
32 -	"	J	8' Viole Sourdine.....	73	73		Pipes
33 -	"	J	4' Violette.....	73	61		Notes
34 -	"	K	2' Piccolo (Octave of #2).....	61			"
35 -	"	L	8' Orchestral Clarinet.....	73	61		Pipes
36 -	"	BBB	Celesta (Harp).....	49			Notes
37 -	"	BBB	Glockenspiel.....	49			"
38 -	"	BBB	Orchestral Bells (repeat action).....	25			"
39 -	"	DDD	Xylophone.....	25			"
40 -	"	HHH	✓ Triangle... (Operative on 1st Octave)	61			"
41 -	"	GGG	✓ Snare Drum (Operative on 1st Octave)	61			"
42 -			Tremulant				

ON SOLO ORGAN ----- Fourth (upper) Manual

43 -	From	T	8' Viole.....	73			Notes
44 -	"	R	✓ 8' Viol D'Orchestre.....	73	61		Notes
45 -	"	A	8' Grossflöte.....	73	73		Pipes
46 -	"	P	✓ 8' Horn Diapason.....	73	61		Notes
47 -	"	H	8' Gedeckt.....	73			"
48 -	"	R, S, & T	✓ 8' Orchestral Strings.....	73	61		Notes
49 -	"	A	4' Solo Flute.....	73	61		"
50 -	"	Q	4' Quintadena.....	73	61		"
51 -	"	W	16' Cor Anglais.....Tener C.....	61	49		"
52 -	"	X	8' Tuba Mirabilis.....	73			"
53 -	"	Y	✓ 8' French Horn.....	73	61		"
54 -	"	Z	✓ 8' Vox Humana.....	61			"

(over)

SOLO ORGAN Continued.

55 - From M	16'	Trombone.....	73 Notes
56 - " M	8'	Harmonic Trumpet.....	73 "
57 - " MM	4'	Clarion.....	73 "
58 - " AAA		Cathedral Chimes.....	20 "
59 - " CCC		Single Bells.....	20 "
60		Tremulant	

~~(Numbers 44, 45 & 49 and Numbers 54, 55 & 57 -- enclosed,
from First Division. Remainder of Solo Organ from Second
Division)~~

ON PEDAL ORGAN

61 - From A, M & N	32'	Resultant Bass.....	32 Notes
62 - " A	16'	Diapason..... <i>Speaking</i>	32 <i>Notes</i>
63 - " B	16'	Violone.....	32 "
64 - " N	16'	Bourdon.....	32 "
65 - " A	8'	Flute.....	32 "
66 - " N	8'	Gedeckt.....	32 "
67 - " R, S, M	8'	Orchestral Violoncello.....	32 "
68 - " M	16'	Trombone.....	32 "
69 - " M	8'	Tromba.....	32 "
70 - " FFF		Bass Drum (single stroke) operative on	lowest octave
71 - " FFF		Bass Drum (roll) Operative on lowest Octave	
72 - " XXX		Cymbals (crash) " " " "	
73 - " GGG		Snare Drum (roll) operative on octave	from low G

COUPLERS *by Tablets*

74	Great 16'
75	Great Unison
76	Great 4'
77	Swell to Great 16'
78	Swell to Great
79	Swell to Great 4'
80	Orchestral to Great 16'
81	Orchestral to Great 4'
82	Orchestral to Great
83	Solo to Great 16'
84	Solo to Great 4'
85	Solo to Great
86	Swell 16'
87	Swell Unison
88	Swell 4'
89	Orchestral 16'
90	Orchestral Unison
91	Orchestral 4'
92	Swell to Orchestral
93	Solo 16'
94	Solo Unison
95	Solo 4'
96	Great to Solo
97	Great to Pedal
98	Great to Pedal 4'
99	Swell to Pedal
100	Orchestral to Pedal
101	Orchestral to Pedal 4'
102	Solo to Pedal
103	Solo to Pedal 4'

ON PEDAL ORGAN

61 -	From A, & H	32'	Resultant Bass.....	32 Notes
62 -	" A	16'	Diapason..... <i>S. fluting</i>	32 <i>Notes</i>
63 -	" B	16'	Violone.....	32 "
64 -	" H	16'	Bourdon.....	32 "
65 -	" A	8'	Flute.....	32 "
66 -	" N	8'	Gedeckt.....	32 "
67 -	" R, S,	8'	Orchestral Violoncello.....	32 "
68 -	" H	16'	Trombone.....	32 "
69 -	" M	8'	Tromba.....	32 "
70 -	" FFF		Bass Drum (single stroke) operative on	lowest octave
71 -	" FFF		Bass Drum (roll) Operative on lowest Octave	
72 -	" XXX		Cymbals (crash) " " " "	
73 -	" GGG		Snare Drum (roll) operative on octave	from low G

COUPLERS *by Tablets*

74	Great 16'
75	Great Unison
76	Great 4'
77	Swell to Great 16'
78	Swell to Great
79	Swell to Great 4'
80	Orchestral to Great 16'
81	Orchestral to Great 4'
82	Orchestral to Great
83	Solo to Great 16'
84	Solo to Great 4'
85	Solo to Great
86	Swell 16'
87	Swell Unison
88	Swell 4'
89	Orchestral 16'
90	Orchestral Unison
91	Orchestral 4'
92	Swell to Orchestral
93	Solo 16'
94	Solo Unison
95	Solo 4'
96	Great to Solo
97	Great to Pedal
98	Great to Pedal 4'
99	Swell to Pedal
100	Orchestral to Pedal
101	Orchestral to Pedal 4'
102	Solo to Pedal
103	Solo to Pedal 4'
104	Compound Coupler Release

Lobby organ on-off

(over)

ADJUSTABLE COMBINATION PISTONS

- 104 -- 109 ~~Four~~ ^{Five} affecting Great and Pedal Stops.
- 110 -- 114 - Five " Swell " " "
- 115 -- 119 - Five " Orchestral " " "
- 120 -- 125 - ~~Six~~ ^{five} " Solo " " "
- 126 -- 129 - ~~Four~~ ^{five} affecting Pedal Stops.
- 130 -- 133 - Four affecting Entire Organ - all Stops.
- 134 -- 139 - ~~Six ("blind") and Release affecting All Couplers, -~~
~~(automatically canceling all sets couplers - restoring~~
~~same by pushing "Release" piston)~~

PEDAL STUDS

- 140 - Bass Drum (Single Stroke)
- 141 - Bass Drum (Roll)
- 142 - Cymbals (Crash)
- 143 - Snare Drum (Single Stroke)
- 144 - Snare Drum (Roll)
- 145 - Triangle (Single Stroke)
- 146 - Triangle (Repeat)
- 147 - Tambourine
- 148 - Castanets
- 149 - Bass Drum and Cymbals
- 150 - Thunder Sheet
- ~~151 - Pistol Shot~~
- ~~152 - Ocean Rear (Water effect)~~
- 153 - Song Birds

PEDAL MOVEMENTS

- 154 - Balanced Crescendo and Diminuendo Pedal
- 155 - Balanced Expression Pedal - ~~(First Swell)~~ ^{Gt & Orchestral} - Box
- 156 - Balanced Expression Pedal - ~~(Second Swell)~~ ^{See Solo & Lobby} - Box
- 157 - Full Organ ("forzando") Pedal
- 158 - Coupler, Great to Pedal, Reversible.
-

2 Electric Blowing plant and Generator of ample capacity.

Consave, Radiating Pedal Board.

Organ Bench with Music Shelf.

Hartford, Conn.
 1-16-'19. T. L.