

M. P. MÖLLER Organ Factory

3/74

Revised February 9, 1981
March 8, 1979

Pipe Organ No. 11427 Date
For ORCHESTRA HALL, CHICAGO, ILLINOIS
Action Moller's Electro-Pneumatic Console Detached, all electric, movable with two plug-in stations.
Casing No. None Finish As Per Sample
Decorations Pipe facades Motor 10 H.P., Style 4-P-3330
Width of Key-bed Standard Stop Controls Draw knobs and tilting tablets
No. Manuals THREE Multiple contacts with switches, Tracker Touch Wind Pressure See below
To be Completed As scheduled Blower Pipe furnished by Purchaser

PITCH: A-440

SPECIFICATIONS

GREAT ORGAN (Manual II)--4" w.p. 15 (Unenclosed)

1.	16'	Gemshorn...COC 36-1/2, CC 48-1/2, C 58-1/3	17-1/2..33	Zinc S.M...	73	pipes	
2.	8'	Principal.....43.....	17-1/2.....	21	Zinc S.M.....	61	pipes
3.	8'	Bourdon.....52.....	21-1/2.....	24	Zinc C.M.....	61	pipes
4.	8'	Gemshorn.....from #1.....				61	notes
5.	4'	Octave.....54.....	17-1/2.....	9	Zinc S.M.....	61	pipes
6.	4'	Flachflöte.....54-2/3....	20-1/2.....	12	Zinc C.M.....	61	pipes
7.	2'	Super Octave.....68.....	17-1/2.....		S.M.....	61	pipes
8.	III-IV Rks.	Fourniture.....Formula "A".....			S.M.....	215	pipes
9.	III-IV Rks.	Scharf.....Formula "B".....			Tin.....	214	pipes
10.	16'	Kontra Trompete..COC 6", CC 3-1/2"			Zinc & S.M.....	73	pipes
11.	8'	Trompete.....from #10.....				61	notes

880

SWELL ORGAN (Manual III)--5" w.p. 19 (Enclosed)

12.	16'	Rohrbass...LMB...4'C..61...	21-1/2.....	24	wood 12	Zinc C.M.....	73	pipes
13.	8'	Rohrflöte.....from #12.....					61	notes
14.	8'	Viole de Gambe...50.....	18-1/2.....	21	Zinc S.M.....	61	pipes	
15.	8'	Viole Celeste...56/62....	18-1/2.....	21	Zinc S.M.....	61	pipes	
16.	4'	Principal.....54-2/3....	17-1/2.....	9	Zinc S.M.....	61	pipes	
17.	4'	Spillflöte.....64.....	20-1/2.....		S.M.....	61	pipes	
18.	2-2/3'	Nazard.....62.....	17-1/2.....		S.M.....	61	pipes	
19.	2'	Blockflöte.....62-3/4....	17-1/2.....		S.M.....	61	pipes	
20.	1-3/5'	Tierce.....70.....	17-1/2.....		S.M.....	61	pipes	
21.	III-IV Rks.	Plein Jeu.....Formula "C".....			S.M.....	221	pipes	
22.	III-IV Rks.	Cymbale.....Formula "D".....			Tin.....	208	pipes	
23.	16'	Basson...3-1/2" #1-12	1/2 L...Reg. Lift Lid..		Zinc & S.M.....	73	pipes	
24.	8'	Trompette.....3-1/2"....	42-1/2.....		Zinc & S.M.....	61	pipes	
25.	8'	Hautbois.....from #23.....				61	notes	
26.	4'	Clairon.....2-5/8"....	42-1/2.....		Zinc & S.M.....	61	pipes	
27.		Tremolo						

1124

3765 98

376

BOMBARDE ORGAN (Manual I)--5" & 10" w.p. 19
(Enclosed)

28.	8'	Spitzprinzipal...	40-2/3....17-1/2.....	21 Zinc S.M.....	61 pipes
29.	8'	Flute Harmonique..	46/56....Reg.....	(10" w.p.)..21 Zinc S.M.....	61 pipes
30.	8'	Viola Pomposa....	46-5/4....18-1/2..	(10" w.p.)..21 Zinc S.M.....	61 pipes
31.	8'	Viola Celeste..	50-5/4 / 62-5/4....	18-1/2..(10" w.p.)21 Zinc S.M...	61 pipes
32.	8'	Flute Celeste II..	54-1/2 / 60-1/2....	18-1/226 Zinc S.M.....	110 pipes
33.	4'	Octave.....	55.....18-1/2.....	9 Zinc S.M.....	61 pipes
34.	III-V Rks.	Grandes Harmoniques....	Formula "E"	S.M.....	250 pipes
35.	III-V Rks.	Grande Plein Jeu.....	Formula "F"	S.M.....	244 pipes
36.	16'	Bombarde....	6"....Reg.....	(10" w.p.)..Zinc & S.M.....	73 pipes
37.	8'	Trompette Harmonique..	from #36.....		61 notes
38.	4'	Clairon Harmonique....	3-7/16"....Reg... (10" w.p.)	Zinc & S.M.....	61 pipes
39.		Tremolo			

10+3

CHOIR ORGAN (Manual I)--3-1/2" w.p. 8
(Unenclosed and Exposed)

40.	8'	Holzgedeckt.....	Reg. Stpd. Flute.....	Wood.....	56 pipes
41.	8'	Gemshorn	from #1.....		56 notes
42.	4'	Principal.....	56.....17-1/2.....	S.M.....	56 pipes
43.	4'	Koppelflöte.....	55/64....17-1/2.....	6 Zinc S.M.....	56 pipes
44.	2'	Waldflöte.....	65.....17-1/2.....	S.M.....	56 pipes
45.	III-IV Rks.	Mixture.....	Formula "G".....	S.M.....	187 pipes

4+1

PEDAL ORGAN (Unenclosed)--4" ^{7 1/8"} w.p. 13

46.	32'	Contra Bourdon...	CCCC 18" x 16"....	CCC L. Bdn.....	Wood.....	44 pipes
47.	16'	Principal.....	33/42....17-1/2.....	12 Zinc S.M.		32 pipes
48.	16'	Sub Bass.....	from #46.....			32 notes
49.	16'	Gemshorn.....	from #1.....			32 notes
50.	16'	Rohrbass.....	from #12.....			32 notes
51.	10-2/3'	Gemshorn Quinte.....	from #1.....			32 notes
52.	8'	Octave.....	41.....17-1/2.....	21 Zinc S.M.....		32 pipes
53.	8'	Gedeckt.....	50.....21-1/2.....	24 Zinc C.M.....		44 pipes
54.	8'	Gemshorn.....	from #1.....			32 notes
55.	8'	Rohrflöte.....	from #12.....			32 notes
56.	5-1/3'	Gemshorn Quinte.....	from #1.....			32 notes
57.	4'	Choralbass.....	54.....18-1/2.....	S.M.....		32 pipes
58.	4'	Gedeckt.....	from #53.....			32 notes
59.	IV Rks.	Grand Cornet (32')....	Formula "H"	Zinc & S.M.....		176 pipes
60.	IV Rks.	Cornet (16').....	from #59.....			32 notes
61.	III Rks.	Grave Mixture.....	Formula "K"	Zinc & S.M.....		168 pipes
62.	III Rks.	Mixture.....	from #61.....			32 notes
63.	III Rks.	Acuta	from #61.....			32 notes
64.	32'	Contra Bombarde...CCCC	10".. #1-12 1/2 L...CCC 9".....	12 Zinc & S.M. 13		168 pipes
65.	16'	Bombarde.....	from #64.....	12 8" w.p. 13 1/2 9" w.p.		32 notes
66.	16'	Kontra Trompete.....	from #10.....			32 notes
67.	16'	Basson.....	from #23.....			32 notes
68.	8'	Posaune.....	from #64.....			32 notes
69.	8'	Trompete.....	from #10.....			32 notes
70.	4'	Clarion.....	from #64.....			32 notes
71.	4'	Hautbois.....	from #23.....			32 notes

596

4054

COUPLERS

72.	Great to Pedal 8'	85.	Bombarde to Great 8'
73.	Choir to Pedal 8'	86.	Bombarde to Great 4'
74.	Swell to Pedal 8'	87.	Swell to Manual I 16'
75.	Swell to Pedal 4'	88.	Swell to Manual I 8'
76.	Bombarde to Pedal 8'	89.	Swell to Manual I 4'
77.	Bombarde to Pedal 4'	90.	Choir Unison Off
78.	Swell to Great 16'	91.	Choir to Great 8'
79.	Swell to Great 8'	92.	Choir to Swell 8'
80.	Swell to Great 4'	93.	Bombarde 16'
81.	Great to Manual I 8'	94.	Bombarde Unison Off
82.	Swell 16'	95.	Bombarde 4'
83.	Swell Unison Off	96.	Great Unison Off
84.	Swell 4'		

ADJUSTABLE COMBINATIONS
(Capture System)

Pistons No. 1-2-3-4-5-6-7-8	Affecting Great organ
Pistons No. 1-2-3-4-5-6-7-8	Affecting Swell organ
Pistons No. 1-2-3-4-5-6-7-8	Affecting Bombarde organ and Choir organ
Toe Studs No. 1-2-3-4-5-6-7-8	Affecting Pedal organ (at right)
General Pistons No. 1-2-3-4-5-6-7-9-10	Affecting Entire organ (duplicated by toe studs)
General Cancel Piston (including Tutti Reversible)	
Adjuster Piston	

PEDAL MOVEMENTS

Crescendo pedal for entire organ, with 5 indicator lights, Tremolo-Celeste cut-out.
 Great to Pedal Reversible, duplicated by manual piston.
 Swell to Pedal Reversible, duplicated by manual piston, affecting Swell to Pedal 4'
 in off movement only.
 Bombarde to Pedal Reversible, duplicated by manual piston, affecting Bombarde to Pedal 4'
 in off movement only.
 Tutti Reversible, duplicated by manual piston, with indicator light.
 32' Bourdon Reversible.
 32' Grand Cornet Reversible.
 32' Contra Bombarde Reversible.
 Swell Expression Pedal.
 Bombarde Expression Pedal.

ACCESSORIES

Heavy swell box partitions and heavy shades as required; shade action to have independent operation.
 One-manual plug-in keyboard and bench for Choir organ (for Continuo).
 Music rack with light; light for pedal board.
 Console to have rolltop and lock, to be fitted with special quilted cover.
 Electric motor, blower with static reservoir, as required.
 Action current rectifier, as required.

GENERAL

The organ shall be assembled and tested at the factory, then delivered, installed and finished (receive final voicing and tonal regulation) in the Hall by Moller staff, presented ready for use.

MIXTURE FORMULAS

GREAT ORGAN

III-IV Rks. Fourniture Formula "A"

215 pipes S.M.

4"

19	15	12	8	8
22	19	15	12	12
26	22	19	15	15
	26	22	19	
1-17	18-24	25-42	43-49	50-61

Unison 45 Sc. @ 8' 17-1/2 1/4 mouth
 Quint 47 Sc. @ 8' 17-1/2 1/4 mouth

III-IV Rks. Scharf

Formula "B"

214 pipes

Tin

4"

22	19	15	12	12	8
26	22	19	15	15	12
29	26	22	19	19	15
	29	26	22		
1-21	22-34	35-46	47-52	53-56	57-61

Unison 54 Sc. @ 8' 17-1/2 1/4 mouth
 Quint 54 Sc. @ 8' 17-1/2 1/4 mouth

22nd Ears for 1st 18 pipes
 26th Ears for 1st 12 pipes
 29th Ears for 1st 6 pipes

SWELL ORGAN

III-IV Rks. Plein Jeu Formula "C"

221 pipes S.M.

5"

15	12	8	1	1
19	15	12	8	8
22	19	15	12	12
	22	19	15	
1-18	19-36	37-49	50-56	57-61

Unison 46 Sc. @ 8' 17-1/2 1/4 mouth
 Quint 48 Sc. @ 8' 17-1/2 1/4 mouth

III-IV Rks. Cymbale

Formula "D"

208 pipes

Tin

5"

26	22	19	15	12	12	8
29	26	22	19	15	15	12
33	29	26	22	19	19	15
		29	26	22		
1-12	13-24	25-37	38-42	43-49	50-56	57-61

Unison 52 Sc. @ 8' 17-1/2 1/4 mouth
 Quint 52 Sc. @ 8' 17-1/2 1/4 mouth

26th Ears for the 1st 12 pipes
 29th Ears for the 1st 6 pipes

BOMBARDE ORGAN

III-V Rks. Grandes Harmoniques Formula "E" 244 pipes S.M. 5"

12(G)	10(E)	9(D)	5(G)	3(E)	3(E)	3(E)	3(E)
15(B) 14(A#)	12(G)	10(E)	9(D)	5(G)	5(G)	5(G)	5(G)
18(D)	15(B) 14(A#)	12(G)	10(E)	9(D)	9(D)	9(D)	8(B) 7(A#)
	18(D)	15(B) 14(A#)	15(B) 14(A#)	15(B) 14(A#)	15(B) 14(A#)	12(G)	9(D)
		18(D)	18(D)	18(D)			
1-12	13-24	25-29	30-33	34-36	37-39	40-42	43-61

All 47 Sc. @ 8' 17-1/2 2/9 mouth

III-V Rks. Grande Plein Jeu Formula "F" 250 pipes S.M. 5"

19	15	12	8	8	8
22	19	15	12	12	12
26	22	19	15	15	15
	26	22	19	19	
		26	22		
1-12	13-24	25-36	37-49	50-54	55-61

Unison 44 Sc. @ 8' 17-1/2 1/4 mouth
 Quint 46 Sc. @ 8' 17-1/2 1/4 mouth

CHOIR ORGAN

III-IV Rks. Mixture Formula "G" 187 pipes S.M. 3-1/2"

15	12	12
19	15	15
22	19	19
	22	
1-30	31-49	50-56

Unison 49 Sc. @ 8' 17-1/2 1/4 mouth
 Quint 51 Sc. @ 8' 17-1/2 1/4 mouth

PEDAL ORGAN

IV Rks. Grand Cornet Formula "H" 176 pipes 7 Zinc S.M. 4"

4-4/7' (A#)	6-2/5 (F)	All based on 42 Sc. @ 8' 17-1/2 1/5 Zinc & S.M.
3-5/9' (D)	4-4/7 (A#)	
2-10/11' (F#)	3-5/9 (D)	
2-10/27' (A)	2-10/11 (F#)	
1-12	13-44	

III Rks. Grave Mixture Formula "K" 168 pipes 7 Zinc S.M. 4"

8
12
15
1-56
Unison 44 Sc. @ 8' 17-1/2 1/4 mouth
Quint 47 Sc. @ 8' 17-1/2 1/4 mouth