

M. P. MÖLLER Organ Factory

Pipe Organ No. R-169 III/103 Date April 18, 1985
 For ST. JAMES EPISCOPAL CHURCH, NEW YORK, NEW YORK
 Action Electro-Pneumatic Console Chancel - Movable with rolltop
 Casing No. Chancel - Present Grilles Antiph. Detached with rolltop
Antiphonal - New Case Finish To customer's sample
 Decorations None Motor Chancel - Present 15 HP 6 P 3330
 Width of Key-bed Standard Antiph. Present 3 HP 3 P 3027
 No. Manuals CHANCEL - Three & Pedal Stop Controls Chancel - Draw Knobs & Tilting Tablets
ANTIPHONAL - Two and Pedal Wind Pressure See Scale Sheets
 To be Completed December 1, 1985 Blower Pipe furnished by Present

SPECIFICATIONS

FOR
 REBUILDING, CHANGING TONALLY, AND ADDING TO
 PRESENT MÖLLER ORGAN OPUS 8888 - 1956
 & A-8888 - 1967

CHANCEL ORGAN

CONSOLE Install new three manual, all-electric, ~~movable~~, draw knob console with ~~roll top and~~ pedal keyboard. Present adjustable bench to be refinished and reused. Present console decor to be incorporated in new console as practical.

PITMAN CHESTS (Manual and Pedal) Reassign certain present chests as indicated by specifications. Rebuild as follows all chests being reused:

Recover pipe pouches.
 Replace stop action checks and eyelets.
 Recover primary stations and install new magnet armatures.
 Recover stop action primaries and install new armatures.
 Eliminate shifters in favor of unit actions where needed.
 Rework and/or install new toeboard/rackboard assemblies as required for tonal changes.

OFFSET & UNIT ACTIONS Recover the following actions and install new magnet armatures: (* indicates actions occurring on pitman chests)

Great 16 Gedackt Pommer #1-12
 Great 8 Principal #1-12
 Great 16 Bombarde #1-73
 Swell 16 Flute Conique #1-15 & * #16-73
 Swell 8 Flute Celeste TC * #1-49
 Swell 16 Basson * #1-32 (Unify #33-44)
 Positiv 8 Gedackt * #1-20

SWITCHES Install new solid state switching systems for entire organ.

CHANCEL ORGAN

PEDAL ORGAN

Recover the following actions and install new magnet armatures:

32 Untersatz - 56 notes
16 Principal - 32 notes
16 Gedackt - 12 notes
4 Nachthorn - 44 notes
IV Grand Cornet - 32 notes
IV Cornet - 32 notes (2 actions per note)
IV Mixture - 32 notes
V Scharf - 32 notes
32 Basson - 12 notes
16 Contre Bombarde - 44 notes

EXPRESSION

Eliminate expression shades and action from original Choir and Bombarde divisions.

Recover two 10 note, two 9 note, and two 4 note expression actions and install new magnet armatures.

Recover shade pneumatics
Replace shade jacks and connecting rods
Refelt shades

RESERVOIRS

Recover the following reservoirs and replace curtain valves:
(Use black canvas hinging)

Two	3-0 x 5-0	Four	1-6 x 2-6
Four	3-0 x 4-0	Five	1-6 x 2-0
One	2-0 x 4-0	One	expression
Two	2-0 x 3-0	One	4-0 x 6-0
Two	1-9 x 2-9		

TREMOLOS

Install new electro-pneumatic tremolos thruout.

PIPES

Install new pipes indicated by specifications.
Revoice all pipes being reused.
Repack all wood pipe stoppers.

CABLES

Install new plastic covered cables between console and organ divisions.
Install new action current wires between console, organ divisions and DC organ power unit.

ACTION CURRENT

Install new DC organ power unit of ample capacity.

BLOWER

Reuse present 15 HP, Style 6 P 3330 motor and blower without change
Install new motor-blower coupling leathers.
Install new 14" diameter flexible connection with draw bands.

GENERAL

All parts specified above to be rebuilt to be returned to the factory of M. P. Möller, Inc. at Hagerstown, Maryland.

All parts from present instrument not required to complete this program become the property of M. P. Möller, Inc.

CHANCEL ORGANANTIPHONAL ORGAN

CONSOLE	Install new two manual, all electric, detached, tilting tablet console with rolltop , pedal keyboard and bench.
PIPES & ACTION	Install complete new organ as indicated by specifications.
RESERVOIRS	Recover one 3-0 x 3-0 blower reservoir.
BLOWER	Reuse present 3 HP Style 3 P 3027 motor and blower without change. Install new motor-blower coupling leathers. Install new 12" diameter flexible connection with draw bands.
CASE	Install new organ case incorporating panels from present organ as practical.

SPECIFICATIONS
FOR
CHANCEL CONSOLE & ORGAN

3/88

GREAT ORGAN - Unenclosed ²³

1	16	Gedackt Pommer...present Quintade pipes and action.....61 pipes
2	8	Principal.....new pipes; present action.....61 pipes
3	8	Bordunpresent pipes and action.....61 pipes
4	8	Flute Harmonique....new pipes; present Gemshorn action.....61 pipes
5	4	Octave.....new pipes; present action.....61 pipes
6	4	Spitzflöte.....present pipes, new top octave; present action.....61 pipes
7	2-2/3	Quinte....present Octave Quinte pipes, new top octave present Octave Quint action.....61 pipes
8	2	Super Octave....new pipes; present 2' Octave action.....61 pipes
9	IV	Mixture....231 present ^{ant. 8c. mixture} IV Furniture pipes, 13 new pipes; present IV Furniture action.....244 pipes
10	IV	Scharf....57 new pipes, 180 present III Positiv Zimbel pipes, present Cymbel action.....237 pipes
11	IV-V	Grand Cornet.....present pipes - see formula; present IV Furniture action.....293 pipes
12	16	Bombarde....present Bombarde 16 Bombarde pipes, new top octave, #1-12 present Bombarde 16 Bombarde action; #13 up present Choir 8 Clarinet action.....73 pipes
13	8	Trompette.....from #12.....61 notes
14	4	Clairon....present Bombarde Clarion Harmonique pipes; present 5-1/3 Quinte action.....61 pipes
15		Tremolo
16		Chimes....present Deagan "A" bells; new action, transformer, ^{locate in Sw. or} volume control and relays, G to G, 20 to 44.....25 bells
17	8	Trompette en Chamade.....from Antiphonal.....61 notes

* Not affected by couplers

CHANCEL ORGANSWELL ORGAN - Enclosed ²⁴

18	16	Flute Conique....present pipes and action.....	73 pipes
19	8	Principal.....present Great Principal pipes; present Bombarde IV Cornet action	61 pipes
20	8	Rohrflöte.....present pipes and action.....	61 pipes
21	8	Viole.....present Viole de Gambe pipes and action.....	61 pipes
22	8	Viole Celeste ...present pipes and action.....	61 pipes
23	8	Flute Conique.....from #18.....	61 notes
24	8	Flute Celeste TC...present pipes; present Bombarde 8 English Horn action	49 pipes
25	4	Octave.....present 4 Principal pipes and action.....	61 pipes
26	4	Flute Triangular...present pipes and action.....	61 pipes
27	2	Blockflöte.....present Choir pipes, new top octave present 2-2/3 Twelfth action	61 pipes
28	1-1/3	Larigot....#1-44 present 2-2/3 Twelfth pipes, #45-61 new pipes; present 2 Fifteenth action.....	61 pipes
29	IV-V	Plein Jeupresent V Plein Jeu pipes and action.....	280 pipes
30	IV	Cymbale.....183 present III Scharf pipes, 54 new pipes; present III Scharf action	237 pipes
31	II	Cornet TC....69 present Positiv II Sesquialtera pipes, 29 new pipes; present Flute Celeste TC action...	98 pipes
32	16	Basson.....present pipes and action.....	61 pipes
33	8	Trompette.....present pipes and action.....	61 pipes
34	8	Hautbois.....present pipes and action.....	61 pipes
35	8	Vox Humana.....new pipes; present Bombarde 4 Principal action.....	61 pipes
36	4	Clairon.....present pipes and action.....	61 pipes
37		Tremolo	
* 38	8	Trompette en Chamade.....from Antiphonal	

* Not affected by couplers

POSITIV ORGAN - Unenclosed ⁶

39	8	Gedackt.....present Choir pipes and action.....	61 pipes
40	8	Gamba.....present Choir Viola pipes, and ^{present Choir Erzähler} action.....	61 pipes
41	8	Flute Conique.....from #18.....	61 notes
42	8	Flute Celeste TC.....from #24.....	49 notes
43	4	Spitzprincipal...present Choir pipes and action.....	61 pipes
44	4	Lochgedackt.....present Choir pipes and action.....	61 pipes
45	2-2/3	Nazard....49 present Choir Nazard pipes, new top octave, present Choir Nazard action.....	61 pipes
46	2	Principal...49 present Positiv pipes, new top octave present Choir Blockflöte action.....	61 pipes
47	1-3/5	Tierce....#1-44 present Choir pipes, #45-61 new pipes; present Choir action.....	61 pipes
48	1	Sifflöte....#1-42 present Positiv pipes, #43-61 new pipes; present Choir Erzähler Celeste action.....	61 pipes
49	IV-V	Zimbel....new pipes; present Choir II Cymbel action.....	261 pipes
50	16	Holzregal ,..... present Choir pipes; present Choir ^{Viola Erzähler} action unified...	61 pipes
51	8	Schalmei....present Choir pipes; present Choir Viola Celeste action...	61 pipes
52		Tremolo	

(continued next page)

POSITIV ORGAN - Unenclosed (continued)

*	53	16	Trompette en Chamade TC....from Antiphonal.....	49 notes
*	54	8	Trompette en Chamade.....from Antiphonal.....	61 notes
*	55	4	Trompette en Chamade.....from Antiphonal.....	61 notes

* Not affected by couplers

PEDAL ORGAN ²⁺

56	32	Untersatz....#1-12 present Ant. Pedal 32 Bourdon pipes and action; #13-56 present 16 Subbass pipes and action.....	56 pipes
57	16	Principal.....present Contrebasse pipes and action.....	32 pipes
58	16	Subbass.....from #56.....	32 notes
59	16	Flute Conique.....from #18.....	32 notes
60	16	Gedackt...12 present pipes and action; 20 from #38.....	32 notes
61	10-2/3	Quintflöte.....from #18.....	32 notes
62	8	Octave....present Antiphonal Great Principal pipes; present Pedal Octave ^{PRINCIPAL} action.....	32 pipes
63	8	Spitzflöte....present Great Gemshorn pipes; present 5-1/3 Quint action	32 pipes
64	8	Bordun.....from #56.....	32 notes
65	8	Flute Conique.....from #18.....	32 notes
66	5-1/3	Quinte..... Present pipes to be determined; Pres. IV Fourniture action ³²⁴ 32 notes	32 notes
67	4	Choralbass.....present Oktav pipes and action.....	32 pipes
68	4	Nachthorn....present Positiv pipes; present Pedal action....	44 pipes
69	2	Nachthorn.....from #68.....	32 notes
70	IV	Grand Cornet 64'..present pipes to be determined; present IV Fourniture action.....	128 pipes
71	IV VII	Cornet 32'....present pipes to be determined; present IV Fourniture action	128 ³²⁴ pipes
72	IV	Mixture.....present pipes to be determined; present III Carillon action.....	128 pipes
73	V	Scharf.....present pipes to be determined; present III Carillon action.....	160 pipes
74	32	Basson.....12 present pipes and action; 20 from #32.....	32 notes
75	16	Contre Bombarde....present pipes and action.....	44 pipes
76	16	Bassonfrom #32.....	32 notes
77	16	Holzregal.....from #50.....	32 notes
** 78	8	Trompette en Chamade....from Antiphonal.....	32 notes
79	8	Bombarde.....from #75.....	32 notes
80	8	Basson.....from #32.....	32 notes
81	4	Holzregal.....from #50.....	32 notes

** Use blank knob, provide but do not connect wiring.

CHANCEL ORGAN

82	16	Bordun
83	8	Principal
84	8	Holzgedackt
85	8	Gemshorn
86	4	Octave
87	4	Gedackt
88	2	Super Octave
89	2	Flöte
90	II	Sesquialtera
91	III-IV	Mixture
92		Tremolo

ANTIPHONAL GREAT

12
SW
12
12
12
12

ANTIPHONAL SWELL

93	8	Rohrflöte
94	8	Gemshorn
95	8	Gemshorn Celeste TC
96	4	Spitzprincipal
97	4	Rohrflöte
98	2	Spitzoctave
99	1-1/3	Quintflöte
100	1	Klein Octave
101	16	Contre Trompette
102	8	Trompette
103	4	Clairon
104		Tremolo

12
12
7
12
12
12

ANTIPHONAL PEDAL

105	16	Principal
106	16	Bordun
107	10-2/3	Quinte
108	8	Octave
109	8	Rohrflöte
110	4	Super Octave
111	4	Gedackt
112	III	Mixture
113	32	Reed Cornet
114	16	Contre Trompette
115	4	Clairon
114a	8	Trompette

GT
W
12
SW
12
GT
W
W
SW
SW
SW

CHANCEL ORGANCOUPLERS

116	Great to Pedal	128	Swell to Positiv 16
117	Swell to Pedal	129	Swell to Positiv
118	Swell to Pedal 4	130	Swell to Positiv 4
119	Positiv to Pedal	131	Great Unison Off
120	Positiv to Pedal 4	132	Swell 16
121	Antiphonal Great to Pedal	133	Swell Unison Off
122	Antiphonal Swell to Pedal	134	Swell 4
123	Swell to Great 16	135	Positiv Unison Off
124	Swell to Great	136	Antiphonal Great Unison Off
125	Swell to Great 4	137	Antiphonal Great 4
126	Positiv to Great 8	138	Antiphonal Swell Unison Off
127	Antiphonal Swell to Great	139	Antiphonal Swell 4
125a	Positiv to Great 16		

ADJUSTABLE COMBINATIONS

Solid State - Four Memories

Pistons No. 1-2-3-4-5-6-7-8	Affecting Great
Pistons No. 1-2-3-4-5-6-7-8	Affecting Swell
Pistons No. 1-2-3-4-5-6-7-8	Affecting Positiv
Toe Studs No. 1-2-3-4-5-6-7-8	Affecting Pedal (duplicated by manual pistons)
Pistons No. 1-2-3-4	Affecting Antiphonal Great
Pistons No. 1-2-3-4	Affecting Antiphonal Swell
Toe Studs No. 1-2-3-4	Affecting Antiphonal Pedal (duplicated by manual pistons)
Pistons No. 1-2-3-4-5-6-7-8-9-10-11-12	Affecting Full Organ (duplicated by toe studs)
General Cancel	
Setter Piston	
Memory Selector A-B-C-D	
Combination Lock	

REVERSIBLES

Great to Pedal - manual piston and toe stud
 Swell to Pedal - manual piston and toe stud
 Positiv to Pedal - manual piston and toe stud
 Antiphonal on Tutti - toe stud
 Tutti - manual piston and toe stud with indicator light
 32 Untersatz - manual piston and toe stud
 32 Basson - manual piston and toe stud

CHANCEL ORGANPEDAL MOVEMENTS

Balanced Expression Pedal - Swell Organ
Balanced Expression Pedal - Antiphonal Swell Organ
Balanced Crescendo Pedal with indicator light

ACCESSORIES

Concave, radiating pedal clavier with "S" style sharps
Present adjustable bench
Transparent music rack with light
Pedal light
Chancel - Both - Antiphonal jamb pistons
Signal lights and buttons - 2
Motor switches for Chancel and Antiphonal
Present motor and blower
New DC organ power unit

SPECIFICATIONS
FOR
ANTIPHONAL CONSOLE & ORGAN

2-15

ALL NEWGREAT ORGAN - Unenclosed 9

1	16	Bourdon.....	97 pipes
2	8	Principal.....	85 pipes
3	8	Holzgedackt.....from #1.....	61 notes
4	8	Gemshorn.....from #14.....	61 notes
5	4	Octave.....from #2.....	61 notes
6	4	Gedackt.....from #1.....	61 notes
7	2	Super Octave.....from #2.....	61 notes
8	2	Flötefrom #1.....	61 notes
9	II	Sesquialtera TC.....	98 pipes
10	III-IV	Mixture	208 pipes
11		Tremolo	
* 12	8	Trompette en Chamade.....	61 pipes

SWELL ORGAN - Enclosed 5

13	8	Rohrflöte.....	73 pipes
14	8	Gemshorn	80 pipes
15	8	Gemshorn Celeste TC	49 pipes
16	4	Spitzprincipal.....	73 pipes
17	4	Rohrflöte.....from #13.....	61 notes
18	2	Spitzoctave.....from #16.....	61 notes
19	1-1/3	Quintflöte.....from #14..repeat top octave.....	61 notes
20	1	Klein Octave.....from #16..repeat top octave.....	61 notes
21	16	Contre Trompette.....	85 pipes
22	8	Trompette.....from #21.....	61 notes
23	4	Clairon.....from #21.....	61 notes
24		Tremolo	
* 25	8	Trompette en Chamade....from #12.....	61 notes

PEDAL ORGAN 1

26	16	Principal.....	80 pipes
27	16	Bourdonfrom #1.....	32 notes
28	10-2/3	Quinte.....from #27.....	32 notes
29	8	Octave.....from #26.....	32 notes
30	8	Rohrflöte.....from #13.....	32 notes
31	4	Super Octave.....from #26.....	32 notes
32	4	Gedackt.....from #1.....	32 notes
33	III	Mixture.....from #26.....	32 notes
34	32	Reed Cornet.....from #13 (6-2/5, 4-4/7, 3-5/9) # 21.....	32 notes
35	16	Contre Trompette.....from #21.....	32 notes
36	8	Trompette en Chamade....from #12 #21.....	32 notes
37	4	Clairon.....from #21.....	32 notes

* Not affected by couplers

ANTIPHONAL ORGAN

38 Great to Pedal
39 Swell to Pedal
40 Swell to Great 16
41 Swell to Great
42 Swell to Great 4

COUPLERS

43 Great Unison Off
44 Great 4
45 Swell 16
46 Swell Unison Off
47 Swell 4

ADJUSTABLE COMBINATIONS

Solid State - Single Memory

Pistons No. 1-2-3-4
Pistons No. 1-2-3-4
Toe Levers No. 1-2-3-4
Pistons No. 1-2-3-4-5-6
General Cancel
Setter Piston
Combination Lock

Affecting Great
Affecting Swell
Affecting Pedal (duplicated by manual pistons)
Affecting Full Organ (duplicated by toe levers)

REVERSIBLES

Great to Pedal - manual piston and toe lever
Tutti - manual piston and toe lever with indicator light

PEDAL MOVEMENTS

Balanced Expression Pedal - Swell Organ
Balanced Crescendo Pedal with indicator light

ACCESSORIES

Concave, radiating pedal clavier with "S" style sharps
Organ bench with music shelf and adjustment blocks
Transparent music rack with light
Pedal light
Signal lights and buttons - 2
Motor switch
Present motor and blower
New DC organ power unit

RVK/mr
6/7/85