

M. P. MÖLLER Organ Factory

3-59

Pipe Organ No. R-999 Date February 12, 1979
 For ST. PAUL'S EPISCOPAL CHURCH, BALTIMORE, MARYLAND
 Action Electro-Pneumatic Console Present Austin - Detached
 Casing No. Present - New Exposed Great Enclosure, Finish No change
 Decorations None Motor Present 7-1/2 HP Spencer
 Width of Key-bed Standard Stop Controls Draw Knobs & Tilting Tablets
 No. Manuals THREE AND PEDAL Wind Pressure Gr. 3-1/2", Sw, Ch. 5" & Ped. 4", Fest. Trp. 6" & 8"
 To be Completed April 1, 1980 Blower Pipe furnished by Purchaser

SPECIFICATIONS FOR

REBUILDING, CHANGING TONALLY, AND ADDING TO
 PRESENT E. M. SKINNER ORGAN OPUS 250 - 1919
 CONSOLE - AUSTIN - 1971

CONSOLE

Reuse present console without change except for the following:

- Replace all drawknobs.
- Install jamb switch 'Nave shades On-Closed' with indicator light (blue jewel)
- Install reversibles operated by toe studs for:
~~Swell 8 Cor Francaise with indicator light~~
- Pedal 32 Bourdon
- Pedal 32 Kontra Posaune
- Rewire Crescendo and Tutti switches.
- Install backrest on console bench.
- Provide staircase for console platform.

MANUAL CHESTS

- Install reversibles operated by piston under Swell Manual for Swell 8 Cor Francaise with indicator light.*
- Recover 2136 manual pipe pouches. French Horn
- Replace 1787 stop action checks and eyelets.
- Recover four 6l note primary stations and install new magnets.
- Recover 30 stop action primaries and install new magnets.
- Rework and/or install new toeboard/rackboard assemblies as required for tonal changes.
- Install new actions as required for additions.
- Unify Great 16 Spitzflöte action #23-73, Swell 16 Flûte Couverte action #45-73, and Choir 2 Octave action #1-73.
- Convert offset tube holes to pipe holes for Swell 2-2/3 Nazard #1-6, and Choir 2 Octave #1-10.

OFFSET & UNIT
ACTIONS

Recover the following actions and install new magnets
(eliminate tubing as applicable)

Great	16	Spitzflöte	#1-22
Great	8	Principal	#1-12
Great	8	Holzgedeckt	#1-8
Swell	16	Flûte Couverte	#1-44
Swell	8	Viole de Gambe	#1-10
Swell	8	Viole Celeste	#1-12
Swell	8	Flute Celeste II	#1-12
Swell	4	Flute Ouverte	#1-8
Swell	16	Basson	#1-61
Choir	8	Bourdon <i>Robt. flöte</i>	#1-8
Choir	8	Kleine Erzähler II	#1-10
Choir	4	Principal	#1-6
Choir	4	Spillflöte	#1-10
Choir	16	English Horn	#1-12

SWITCHES

Install electro-pneumatic switches with stop actions and diodes
as required.

PEDAL ORGAN

Recover the following actions and install new magnets:

32 Bourdon	#6-68
16 Principal	#1-56
IV Mixture	#1-44
32 Kontra Posaune	#1-68

Relocate pipes and action as necessary to allow additional swell shades
and tone egress for Swell and Choir organs.
Install new 32 note relay with necessary switches.

EXPRESSION

Recover two whiffletree shade actions.
Refelt shades
Install new shades and action toward Nave for Swell and Choir organs.

RESERVOIRS

Replace Great manual reservoir.
Recover all other present reservoirs and install new curtain valves
as required.

TREMOLOS

Install new electro-pneumatic tremolos for Swell and Choir.

PIPES

Install new pipes as indicated by organ specifications.
Revoice all pipes being reused.
Install slide tuners as required.
Repack all wood pipe stoppers.

- CABLES Install new plastic covered cables between console and organ.
Install new action current wires between console, organ and DC organ power unit.
- ACTION CURRENT Reuse 2 present 10-15 volts, 30 amperes DC organ power units without change.
- BLOWER Reuse present Spencer 7-1/2 HP motor and blower.
Install new 15" diameter flexible connection with draw bands.
- CASE Install walnut paneling to enclose exposed Great Organ mechanism.
- FRONT PIPES Spray standard mist gray the following pipes:
- Great 16 Spitzflöte ~~#13-85~~ ~~#1-85~~
Great 8 Principal ~~#1-12~~ ~~#1-18~~
Spray ~~Great 4 Octave~~ ~~Nave opening display pipes~~ ~~#1-6~~ *dull gold as before.*
- GENERAL All parts specified above to be rebuilt to be returned to the factory of M. P. Moller, Inc. at Hagerstown, Md.

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

SPECIFICATIONS FOR CONSOLE AND ORGAN

MANUAL COMPASS CC to C4, 61 notes
PEDAL COMPASS CCC to G, 32 notes
WIND PRESSURE GR. 3 1/2", SW & Ch. 5", Ped. 4", Fast Trp. 8"
PITCH A-440 @ 70°F

GREAT ORGAN - Unenclosed 13

1	16	Spitzflöte.....#1-12 new pipes, present Pedal 16 Violone action; #13-73 present Great 8 Erzähler pipes and action; #74-85 new pipes and action.....85 tubes
2	8	Principal.....present pipes and (2nd open) action.....61 pipes
3	8	Holzgedeckt....present Flute pipes and (Claribel Flute) action...61 pipes
4	8	Spitzflöte.....from #1.....61 notes
5	4	Octave.....present pipes and (Flute Harmonic) action.....61 pipes
6	4	Spitzflöte.....from #1.....61 notes
7	2	Super Octave...new pipes; present 4 Harmonic Flute (1st open) action.....61 pipes
8	II	Sesquialtera...present II Mixture pipes and (octave) action.....122 pipes
9	IV-V	Mixture.....244 present IV Mixture pipes, 30 new pipes; present IV Mixture (Fifteenth) action.....274 pipes
10	16	Kontra Trompete.....new pipes and action.....73 pipes
11	8	Trompete.....from #10.....61 notes
12	8	Festival Trumpet....from #45.....61 notes
13		Chimes.....present Liberty Style 2 tubes; present Mayland action, transformer, volume control and relays G to G, #20-44..25 tubes
14		Zimbelsternnew bells and action 5 bells

(**) not to be affected by couplers

SWELL ORGAN - Enclosed 25

15	16	Flûte Couverte...present 16 Bourdon pipes and action.....73 pipes
16	8	Flûte Couverte.....from #15.....61 notes
17	8	Viole de Gambe...new pipes; present Spitzflute action.....61 pipes
18	8	Viole Céleste...new pipes; present Salicional #1-6 and Vox Celeste actions.....61 pipes
19	8	Flûte Céleste II...present Flauto Dolce and Flute Celeste pipes; present Diapason action.....110 pipes
20	4	Montre.....new pipes; present Flute action.....61 pipes
21	4	Flûte Ouverte...new pipes; present 8 Rohrflöte action.....61 pipes
22	2-2/3	Nazard.....new pipes; present 8 Salicional action.....61 pipes
23	2	Flûte Conique...new pipes; 4' Violina action.....61 pipes
24	1-3/5	Tierce TC...present Choir 2-2/3 Nazard pipes, present 8 Flute Celeste TC action49 pipes
25	III-IV	Plein Jeu.....new pipes; present III Dolce Mixture.....220 pipes
26	III	Cymbale.....new pipes; present 4 Clarion action183 pipes
27	III	Jeu de Clochette...new pipes; present 2 Flautino action.....183 pipes
28	16	Basson.....new pipes; present 8 French Horn action.....61 pipes
29	8	Trompette...new pipes; present Cornopean action.....61 pipes
* 30	8	Cor Français ^{FRENCH HORN} present French Horn pipes, present English Horn action61 pipes
31	8	Vox Humaine ^{VOX HUMANA} present pipes and action.....61 pipes
32	4	Clairon.....new pipes; present 8 Flugelhorn action.....61 pipes
33		Tremolo

(*) Controlled by reversible ^{Piston} toe stud with indicator light

CHOIR ORGAN - Enclosed 15

34	8	^{Rohrflöte} Bourdon#1-12 present Swell 8 Rohrflöte pipes, #13-61 new pipes; present Concert Flute action.61 pipes
35	8	Klein Erzähler II...present pipes and action.....110 pipes
36	4	Principal.....new pipes; present 8 Dulciana action.....61 pipes
37	4	Spillflöte.....new pipes; present 8 Gambe Celeste action.....61 pipes
38	2	Octave.....new pipes; present 8 Gamba action.....73 pipes
39	2	Blockflöte.....new pipes; present 4 Flute action.....61 pipes
40	1-1/3	Quint.....new pipes; present 2 Piccolo action.....61 pipes
41	1	Octave.....from #38.....61 notes
42	III-IV	Zimbel.....new pipes; present 8 Oboe action.....220 pipes
43	16	English Horn....present Swell English Horn pipes; present 8 Diapason action61 pipes
44	8	Clarinetpresent pipes and action61 pipes
** 45	8	Festival Trumpet...new pipes and action73 pipes
** 46	4	Festival Trumpetfrom #45.....61 notes
47		Chimesfrom #13.....21 notes
48		Tremolo

(**) Not to be affected by Tremolo or Couplers

* PEDAL ORGAN *

49	32	Bourdon.....#1-5 quinted; #6-12 present pipes, #13-36 present 16 Bourdon pipes, #37-68 new pipes; present 32 & 16 action.....68 notes
50	16	Principal....#1-12 present Diapason pipes, #13-56 new pipes; #1-44 present Diapason action, #45-56 present 16 Trombone action56 pipes
51	16	Bourdon.....from #4932 notes
52	16	Spitzflötefrom #132 notes
53	16	Flûte Couvertefrom #1532 notes
54	8	Octavefrom #5032 notes
55	8	Bourdon.....from #4932 notes
56	8	Flûte Couverte.....from #1532 notes
57	4	Super Octave.....from #5032 notes
58	4	Rohrpfeifefrom #4932 notes
59	IV	Mixture...new pipes; present 16 Violone action.....176 pipes
60	IV	Scharf.....from #5932 notes
61	32	Kontra Posaune...new pipes; present 16 Trombone action.....68 pipes
62	16	Posaunefrom #61.....32 notes
63	16	Bassonfrom #28.....32 notes
64	8	Posaunefrom #61.....32 notes
65	4	Klarinefrom #61.....32 notes
66	4	Hautboisfrom #28.....32 notes

(*) Pedal Organ playable thru new relay and switches

COUPLERS - No change

67	Great to Pedal	80	Great to Choir
68	Great to Pedal 4	81	Swell to Choir 16
69	Swell to Pedal	82	Swell to Choir
70	Swell to Pedal 4	83	Swell to Choir 4
71	Choir to Pedal	84	Great 16
72	Choir to Pedal 4	85	Great Unison
73	Swell to Great 16	86	Great 4
74	Swell to Great	87	Swell 16
75	Swell to Great 4	88	Swell Unison
76	Choir to Great 16	89	Swell 4
77	Choir to Great	90	Choir 16
78	Choir to Great 4	91	Choir Unison
79	Choir to Swell	92	Choir 4

ADJUSTABLE COMBINATIONS - No change
Capture System

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 Choir
Pistons No. 1-2-3-4-5-6-7-8	Affecting Pedal, duplicated by toe studs
Pistons No. 1-2-3-4-5-6-7-8 9-10-11-12-13-14	Generals, 12 duplicated by toe studs
Setter piston with lock	
General cancel	
Divisional cancels by nameplate	
Coupler cancel	

REVERSIBLES - present

Tutti - manual piston and toe stud with indicator light
 Great to Pedal - manual piston and toe stud
 Swell to Pedal - manual piston and toe stud
 Choir to Pedal - manual piston and toe stud
 Swell to Great - manual piston and toe stud
 Choir to Great - manual piston
 Swell to Choir - manual piston
 Zimbelstern - manual piston with on/off jamb switch and light

~~32 Bourdon - toe stud~~

REVERSIBLES - new

~~French Horn~~ *Piston*
~~8 Cor Franckise~~ - toe stud with indicator light (*located beside piston*)
~~32 Bourdon - toe stud~~
 32 Kontra Possum - toe stud

PEDAL MOVEMENTS - no change *except expression contacts*

Balanced Expression Pedal - Swell Organ (~~26-16~~ contacts, make to open)
 Balanced Expression Pedal - Choir Organ (~~26-16~~ contacts, make to open)
 Balanced Crescendo Pedal with indicator light

ACCESSORIES

Concave, radiating pedal clavier
 Organ bench - add rigid back rest
 Transparent music rack with light
 Pedal light, acting as current indicator
 Motor starter switch
 Signal button

Signal light - relocate present to a position in center of nameboard.

RVK/mr
 11/12/79