

M. P. MÖLLER Organ Factory

3-36

Pipe Organ No.	R-154	Date	October 24, 1983
For	ST. PAUL'S LUTHERAN CHURCH, DENVER, COLORADO		
Action	Electro-Pneumatic	Console	Detached - No roll top
Casing No.	Chest Enclosures	Finish	To customer's sample
Decorations	None	Motor	Present 3 HP, Style 2 JZM
Width of Key-bed	Standard	Stop Controls	Draw Knobs & Tilting Tablets
No. Manuals	THREE AND PEDAL	Wind Pressure	See Scale Sheets
To be Completed	April 15, 1984	Blower Pipe furnished by	Purchaser

SPECIFICATIONS

FOR

REBUILDING, CHANGING TONALLY & ADDING TO
PRESENT MOLLER ORGAN OPUS 4501-1926

CONSOLE Install new three manual all electric, detached, draw knob console, pedal keyboard and bench.

MANUAL CHESTS Recover all manual pipe pouches.
Replace stop action checks and eyelets.
Replace duplex shifters as required.
Recover three 61 note primary stations and install new magnets.
Recover stop action primaries and install new magnets.
Rework and/or install new toeboard/rackboard assemblies as required for tonal changes.
Install new actions as indicated by organ specifications.

OFFSET AND UNIT ACTIONS Recover the following actions and install new magnets:

Swell	16	Gedeckt	97 notes
Swell	III-V	Plein Jeu	61 notes
Swell	16	Basson-Hautbois	8 notes
Positif	II	Dolce Celeste	8 notes
Positif	8	Krummhorn	6 notes

Unify present Swell Vox Celeste TC action for
2-2/3 Nazard 61 notes

Unify Present Swell Open Diapason action for
16 Basson-Hautbois 65 notes

CONTACT BOXES

~~Recover Swell contact box #1-61 and install new silver wire contact blocks.~~
~~Replace single conductor contact boxes for Positif II Dolce Celeste and 8 Krummhorn.~~

SWITCHES Install new switches with stop actions as required.

PEDAL ORGAN

Recover the following actions and install new magnets:

16	Principal	56 notes
<u>16</u>	Subbass	32 notes
<u>11</u>	<i>Mistake</i>	<i>32 notes</i>

Install nthe following new actions:

16	Principal	24 notes
16	Contre Trompette	12 notes

Install new relays and switches aa required.

EXPRESSION

Recover six 8 note expression actions and install new magnets.
 Recover shade and bumper pneumatics.
 Replace shade jacks and connecting rods.
 Refelt shades
 Relocate shade fronts toward Nave as required.

RESERVOIRS

Recover the following reservoirs and install new curtain valves as required.

One 3-0 x 5-0 manual
 One 3-0 x 4-0 manual
 One 1-9 x 3-0 offset
 Two expression
 One ~~3-0~~ x ~~3-0~~ blower

Install new reservoirs as required for additions.

TREMOLOS

Install new electro-pneumatic tremolos for Swell and Positif.

PIPES

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

Install new 10-15 volts, 50 amperes DC organ power unit.

BLOWER

Reuse present 3 HP, Style 2 JZM 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. Müller, Inc. at Hagerstown, Maryland.

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
PEDAL COMPASS
WIND PRESSURE
PITCH

CC to C4, 61 notes
CCC to G, 32 notes
See scale sheets
A-440 @ 70°F

GREAT ORGAN - Exposed ⁹

1	8	Principal.....new pipes and action.....	61 pipes
2	8	Rohrflötenew pipes and action.....	61 pipes
3	4	Octave.....new pipes and action.....	73 pipes
4	4	Spitzflöte.....new pipes and action.....	61 pipes
5	2	Octave.....from #3	61 notes
6	III-IV	Mixturenew pipes and action.....	220 pipes
*7	8	Festival Trumpet.....new pipes and action.....	73 pipes
*8	4	Festival Trumpet.....from #7.....	61 notes
9		Chimes.....present <i>Deagan M</i> tubes, new action, transformer, relays and volume control, G to G, #20-44.....	25 tubes

* Not affected by couplers.

SWELL ORGAN - Enclosed ¹²

10	16	Gedeckt#1-48 present Bourdon pipes, #49 up new pipes; #1-97 present action, #98 up new action.....	109 pipes
11	8	Gedeckt.....from #10.....	61 notes
12	8	Viole.....new pipes; present Oboe action.....	61 pipes
13	8	Viole Celeste....new pipes; present Viole d'Orchestre action.....	61 pipes
14	4	Prestant.....new pipes; present Salicional action	73 pipes
15	4	Rohrgedeckt.....from #10.....	61 notes
16	2-2/3	Nasard TC.....present 2 Hohlflöte and new pipes to be determined; present Vox Celeste TC action unified.....	61 pipes
17	2	Prestant.....from #14.....	61 notes
18	2	Flute Conique.....from #10.....	61 notes
19	1-1/3	Quint.....from #16.....	61 notes
20	1	Siffelötefrom #10.....	61 notes
21	IV III - V	Plein Jeu.....present Great & Swell mixture pipes; present Vox Humana action.....	268 pipes
22	16	Basson-Hautbois...#1-12 new pipes, #13 up present Oboe pipes; present Open Diapason action unified.....	73 pipes
23	8	Trompette.....#1-12 new pipes, #13 up present 4 Klarine pipes; new action	73 pipes
24	8	Hautboisfrom #22.....	61 notes
25	4	Claironfrom #23.....	61 notes
26		Tremolo	

POSITIF ORGAN - Enclosed 13

27	8	Dolce Celeste II.....	present pipes to be determined; present Gr Open Diapason action.....	122 pipes
28	8	Bourdon.....	present Doppel Floete pipes and action.....	61 pipes
29	4	Principal.....	present Gr Octave pipes; present Dulciana action.....	61 pipes
30	4	Flachflöte.....	present Sw. Flachflöte pipes; present Viole d'Gamba action.....	61 pipes
31	2	Octave.....	new pipes; present Melodia action.....	61 pipes
32	II	Sesquialtera.....	present Gr Sesquialtera pipes; present Flute Harmonique action.....	122 pipes
33	III-IV	Scharf	new pipes; present Clarinet action.....	220 pipes
34	8	Krummhorn	new pipes; present Ch. Open Diapason action..	61 pipes
35	16	Festival Trumpet TC.....	from #7.....	49 notes
36	8	Festival Trumpet.....	from #7.....	61 notes
37	4	Festival Trumpet	from #7.....	61 notes
38		Tremolo		
38a		<i>Symbolstern Console only.</i>		

* Not affected by couplers

PEDAL ORGAN 2

39	16	Principal.....	#1-12 present Open Diapason pipes; #13 up to be determined; #1-44 present Open Diapason action; #45-56 present #57 up new action Pedal Bourdon #33-44 action	60 ⁵⁶ pipes
40	16	Subbass.....	present Bourdon pipes and action.....	32 pipes
41	16	Gedeckt	from #10.....	32 notes
42	10-2/3	Gedeckt	from #10.....	32 notes
43	8	Octave	from #39.....	32 notes
44	8	Gedeckt.....	from #10.....	32 notes
45	5-1/3	Gedeckt.....	from #10.....	32 notes
46	4	Octave	from #39.....	32 notes
47	4	Rohrgedeckt.....	from #10.....	32 notes
48	2	Flute Conique	from #10.....	32 notes
49	III	Mixture.....	Pres. pipes & action from #39.. (15, 19, 22)	32 ⁹⁶ pipes notes
50	32	Trompette Cornet.....	from #10, 23 & 51.....	32 notes
51	16	Contre Trompette....	12 new pipes and action, 20 from #23.....	32 notes
52	16	Basson-Hautbois.....	from #22	32 notes
53	8	Festival Trumpet.....	from #7.....	32 notes
54	8	Trompette.....	from #23.....	32 notes
55	8	Hautbois.....	from #22.....	32 notes
56	4	Hautbois.....	from #22.....	32 notes

COUPLERS

57	Great to Pedal	68	Great to Positif
58	Swell to Pedal	69	Swell to Positif 16
59	Swell to Pedal 4	70	Swell to Positif
60	Positif to Pedal	71	Swell to Positif 4
61	Positif to Pedal 4	72	Great Unison Off
62	Swell to Great 16	73	Swell 16
63	Swell to Great	74	Swell Unison Off
64	Swell to Great 4	75	Swell 4
65	Positif to Great 16	76	Positif 16
66	Positif to Great	77	Positif Unison Off
67	Positif to Great 4	78	Positif 4

ADJUSTABLE COMBINATIONS

SOLID STATE

Pistons No. 1-2-3-4-5-6	Affecting Great
Pistons No. 1-2-3-4-5-6	Affecting Swell
Pistons No. 1-2-3-4-5-6	Affecting Positif
Toe Studs No. 1-2-3-4-5-6	Affecting Pedal
Pistons No. 1-2-3-4-5-6-7-8	Affecting Full Organ (duplicated by
General Cancel piston	
Setter piston	
Memory control - A, B, C, D	
Combination lock	

REVERSIBLES

Great to Pedal - toe stud
Swell to Pedal - toe stud
Positif to Pedal - toe stud
Sforzando - manual piston and toe stud - with indicator light
32 Trompette Cornet - toe stud
10-2/3 Gedeckt - toe stud

PEDAL MOVEMENTS

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

ACCESSORIES

Concave, radiating pedal clavier
Organ bench with music shelf
Transparent music rack with light
Pedal light
Key operated motor switch
Present motor and blower
New DC organ power unit

GENERAL

Supports and paneling for exposed mechanism by M. P. Moller, Inc.