

M. P. MÖLLER Organ Factory

3-50

Pipe Organ No. R-967 Date January 31, 1977
For ZION LUTHERAN CHURCH, SCHENECTADY, NEW YORK
Action Electro-Pneumatic Console Detached - No roll top
Casing No. Present and New Finish To customer's sample
Decorations None Motor Present 5 HP Spencer
Width of Key-bed Standard Stop Controls Draw Knobs & Tilting Tablets
No. Manuals THREE (level) AND PEDAL - 408 Key Touch Wind Pressure
To be Completed October 1, 1977 Blower Pipe furnished by Purchaser

SPECIFICATIONS

FOR

REBUILDING, CHANGING TONALLY AND ADDING TO
PRESENT E. M. SKINNER ORGAN
OPUS 767 - 1929

CONSOLE

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

MANUAL & PEDAL PITMAN CHESTS

Recover 1241 manual pipe pouches.

Install 1315 stop action checks and eyelets.

Recover two 61 note primary stations and install new outside type magnets.

Develop new Pedal chest from present Great manual chest - recover primaries and install new outside type magnets to yield one 32 note primary and 4 stop actions.

Recover 34 stop action primaries and install new outside type magnets.

Recover Swell 16 Fagott pedal primary #7-32 and install new outside magnets, and unify #33-73.

Rework and/or provide new toeboard/rackboard assemblies as required for tonal changes.

Provide new actions as required for additions.

OFFSET & UNIT ACTIONS

Recover the following actions and install new outside type magnets (delete tubing)

Swell 8 Rohrflöte	#1-8
Swell 8 Viole de Gambe	#1-6 #1-10
Swell 8 Viole Celeste	#1-6
Swell 4 Spitzprincipal	#1-10
Swell 16 Fagott	#1-6
Pedal 16 Gemshorn	#1-12
Pedal 8 Spitzflöte	#1-8

Chair 8 Holzflöte #1-12
Chair 8 Dulciana #1-6
Provide new actions as required for additions.

CONTACT BOXES

Install single conductor contact boxes for offsets.

SWITCHES

Install electro-pneumatic switches with stop actions for the following:

Great Organ - to be determined
 Swell station cutout 61 notes
 Swell 16 Fagott 61 notes
 Swell 8 Fagott 61 notes
 Swell 8 Vox Humana 61 notes
 Choir station cutout 61 notes
 Positiv Organ - to be determined

PEDAL ORGAN

Recover the following actions and install new outside type magnets:

16 Contrebasse 44 notes
 16 Bourdon 56 notes

Install new 32 note pedal relay with necessary switches.

EXPRESSION

Recover two 8 note whiffletree expression actions.

RESERVOIRS

Recover the following reservoirs:

One 2'-6" x 4'-0" manual
 Four 2'-0" x 3'-0" manual
 One 1'-0" x 1'-6" concussion
 One 3'-0" x 5'-0" blower

TREMOLOS

Rebuild two present tremolos.

PIPES

Install the following new pipes:

GREAT ORGAN

8	Principal	61 pipes
4	Octave	61 pipes
2	Super Octave	61 pipes
II-IV	Mixture	208 pipes
8	Trompete	61 pipes

SWELL ORGAN

8	Rohrflöte	49 pipes (#13-61)
8	Viole de Gambe	61 pipes
8	Viole Celeste	61 pipes
4	Spitzprincipal	61 pipes
2	Gemshorn	61 pipes
1-1/3	Quinte	61 pipes
III-IV	Mixtur	220 pipes
16	Fagott (1/2 L)	73 pipes
8	Trompete	61 pipes
4	Klarine	61 pipes

POSITIV ORGAN

4	Koppelflöte	61 pipes
2	Klein Principal	61 pipes
1-3/5	Terz	61 pipes
II-IV	Zimbel	208 pipes

PEDAL ORGAN

16	Contrebasse	32 pipes (#13-44)
8	Spitzflöte	32 pipes
4	Octave	32 pipes
III	Mixtur	96 pipes
32	Kontre Fagott (1/2 L)	12 pipes
16	Posaune (1/2 L)	12 pipes

Revoice all pipes being reused.
 Repack all wood pipe stoppers.

CABLES

Reuse present cables without change.
 Install new action current wires between console, organ and power unit.

ACTION CURRENT

Install new 10-15 volts, ¹⁵50 amperes DC organ power unit.

BLOWER

Reuse present 5 HP Spencer motor and blower without change.

DISPLAY

Provide facade of speaking pipes as indicated on drawing 101,
 dated June 1, 1976.

GENERAL

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

The church to advise disposition of parts of present instrument not
 required to complete this contract. M. P. Möller, Inc. will remove
 and haul away these parts provided notification is issued before
 removal begins.

SPECIFICATIONS
FOR
CONSOLE AND ORGAN

MANUAL COMPASS CC to C4, 61 notes
PEDAL COMPASS CCC to G, 32 notes
WIND PRESSURE
PITCH A-440 @ 70°F

GREAT ORGAN - Manual II "
Unenclosed

1	16	Quintaton.....	present pipes; new action.....	61 pipes
2	8	Principal.....	new pipes and action.....	61 pipes
3	8	Harmonicflöte.....	present Flute Harmonique pipes, new action.....	61 pipes
4	4	Octave.....	new pipes and action.....	61 pipes
5	4	Spitzflöte.....	present pipes; new action.....	61 pipes
6	2	Super Octave.....	new pipes and action.....	61 pipes
7	II-IV	Mixtur	new pipes and action.....	208 pipes
8	8	Trompete.....	new pipes and action.....	61 pipes
9	8 ALBOHM	Trompette Harmonique	prepared for (not affected by any couplers)	
10		Chimes	Mayland tubes and action, relay, transformer and volume control, A to F, #22-42.....	21 tubes

SWELL ORGAN - Manual III 14
Enclosed

11	8	Rohrflöte.....	#1-12 present pipes, #13 up new pipes; present action.....	61 pipes
12	8	Viole de Gambe.....	new pipes; present Salicional <i>Open Diapason</i> action.....	61 pipes
13	8	Viole Celeste.....	new pipes; present Vox Celeste action.....	61 pipes
14	4	Spitzprincipal.....	new pipes; present Open Diapason <i>Octave</i> action.....	61 pipes
15	2	Blockflöte	new pipes; present Piccolo action.....	61 pipes
16	1-1/3	Quinte.....	new pipes; present Octave <i>Salicional</i> action.....	61 pipes
17	III-IV	Mixtur	new pipes; present Mixture action	220 pipes
18	16	Fagott.....	new pipes; present Waldhorn action unified.....	73 pipes
19	8	Trompete	new pipes; present Trumpet action.....	61 pipes
20	8	Fagott.....	from #17 <i>#18</i>	61 notes
21	8	Vox Humana.....	present pipes; new action.....	61 pipes
22	4	Klarine	new pipes; present Oboe action.....	61 pipes
23	8 ALBOHM	Trompette Harmonique	from #9....prepared for (not affected by any couplers)	
24		Tremolo		

CHOIR ORGAN - Manual I 5
Enclosed

25	8	Holzflöte.....present Concert Flute pipes and action.....61 pipes
26	8	Dulciana.....present pipes and action.....61 pipes
27	8	Unda Maris TC.....present pipes and action.....49 pipes
28	4	Gedeckt.....present Flute d'Amour pipes and action.....61 pipes
29	8	Clarinetpresent pipes and action.....61 pipes
30		Tremolo

POSITIV ORGAN - Manual I II
Unenclosed (* Exposed)

31	8	Holzgedeckt.....present Gedeckt pipes; new action.....61 pipes
*32	4	Octavepresent pipes; new action.....61 pipes
33	4	Koppelflöte.....new pipes and action.....61 pipes
*34	2-2/3	Nasatpresent Nazard pipes; new action.....61 pipes
*35	2	Klein Principal....new pipes and action.....61 pipes
*36	1-3/5	Terznew pipes and action.....61 pipes
37	II-IV	Zinbel.....new pipes and action208 pipes
38	8	Rohr Schalmelpresent pipes; new action.....61 pipes
39	8 ALBGM	Trompette Harmonique.....from #9 prepared for (not affected by any couplers)
40		Tremolo

* PEDAL ORGAN 9

41	16	Contrebasse.....#1-12 present Open Diapason pipes, #13 up new pipes; present Open Diapason action.....44 pipes
42	16	Bourdon..... #1-24 present pipes, #25 up new pipes; present action.....56 pipes
43	16	Genshornpresent pipes; present Gr. 8 Diapason action.....32 pipes
44	16	Quintatonfrom #132 notes
45	10-2/3	Bourdon Quinte.....from #1 #4 #232 notes
46	8	Principalfrom #38 #4 132 notes
47	8	Bourdon.....from #39 #4 232 notes
48	8	Spitzflöte.....new pipes; present Gr. 8 Flute Harmonique action..32 pipes
49	4	Octave.....new pipes; present Gr. 4 Principal action.....32 pipes
50	4	Pommerfrom #39 #4 232 notes
51	III	Mixture.....new pipes; present Gr. II Mixture action.....96 pipes
52	32	Kontre Fagott....12 new pipes and action; 20 from #27 #1832 notes
53	16	Posaune#1-12 new pipes, #13 up present Sw. 8 Trumpet pipes; new action56 pipes
54	16	Fagottfrom #27 #1832 notes
55	8	Trompette.....from #50 #5332 notes
56	4	Klarine.....from #50 #5332 notes
57	4	Fagott.....from #27 #1832 notes
58	8 ALBGM	Trompette Harmonique.....from #9 prepared for (not affected by any couplers)

(*) Pedal Organ playable thru new relay and switches.

COUPLERS

59	Great to Pedal	72	Choir to Swell 16
60	Swell to Pedal	73	Choir to Swell
61	Choir to Pedal	74	Choir to Swell 4
62	Positiv to Pedal	75	Positiv to Swell
63	Swell to Great 16	76	Great Unison Off
64	Swell to Great	77	Swell 16
65	Swell to Great 4	78	Swell Unison Off
66	Choir to Great	79	Swell 4
67	Positiv to Great 16	80	Choir Unison Off
68	Positiv to Great	81	Choir 4
69	Great to Manual I	82	Positiv 16
70	Swell to Manual I	83	Positiv Unison Off
71	Swell to Manual I 4		

ADJUSTABLE COMBINATIONSCapture System

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	Affecting Choir
Pistons No. 1-2-3-4-5-6	Affecting Positiv
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 toe studs)
General Cancel	
Setter Piston	

REVERSIBLES

Great to Pedal - manual piston and toe stud
 Swell to Pedal - manual piston and toe stud
 Choir to Pedal - manual piston and toe stud
 Positiv to Pedal - manual piston and toe stud
 Sforzando - manual piston and toe stud with indicator light (red jewel)
 32 Kontre Fagott - toe stud
 Zimbelstern - toe stud

PEDAL MOVEMENTS

Balanced Expression Pedal - Swell Organ (8 contacts - system)
 Balanced Expression Pedal - Choir Organ (8 contacts - system)
 Balanced Crescendo Pedal with indicator light (green jewel)

ACCESSORIES

Concave, radiating pedal clavier - Special sharps
 Adjustable organ bench (electric)
 Transparent music rack with light
 Pedal light
 Signal light marked Narthex
 Zimbelstern - 4 bells
 Present motor and blower
 New DC organ power unit