

M. P. MÖLLER Organ Factory

3-40

Pipe Organ No. R-871 Date August 7, 1972
 For FIRST CHURCH OF CHRIST, SCIENTIST, PHILADELPHIA, PENNSYLVANIA
 Action Electro-Pneumatic Console Present
 Casing No No change Finish No change
 Decorations No change Motor Present Motor and Blower
 Width of Key-bed Standard Stop Controls Draw Knobs & Tilting Tablets
 No. Manuals THREE AND PEDAL Wind Pressure Gr. 6", Sw. 7", Ch. 6", Ped. 16"
 To be Completed January 31, 1973 Blower Pipe furnished by Purchaser Ped. 16 Bourdon 6"
Ped. 16 Trombone 7"

SPECIFICATIONS

FOR

REBUILDING WITH TONAL CHANGES EXISTING E. M. SKINNER ORGAN 881 1432 3/19 35

CONSOLE Present three manual draw knob console, pedal keyboard and organ bench supplied by M. P. Moller, Inc. in 1962 to be re-used. Supply replacement draw knobs only as required to confirm to revised specifications.

MANUAL CHEST Releather 1656 manual pipe pouches. Install 1827 new stop action pitmans. Releather 28 stop action primaries and install new outside type magnets. Releather two 73 note double valve primary stations and install new outside type magnets. Releather one 61 note double valve and one 61 note single valve primary stations and install new outside type magnets.

OFFSET ACTIONS Releather the following offset actions:

Great	8	Diapason.....	8 notes
Great	8	Gross Flute.....	12 notes
Great	8	Erzähler.....	8 notes
Great	8 4	Stop <i>Octave</i>	15 notes
Swell	16	Lieblich Bourdon.....	15 notes
Swell	8	Stopped Diapason.....	12 notes
Swell	8	Viola da Gamba.....	12 notes
Swell	8	Viol Celeste.....	12 notes
Swell	4	Principal.....	17 notes
Swell	1-1/3	Larigot.....	12 notes
Swell	4	Clarion.....	12 notes
Choir	16	Contra Erzähler.....	97 notes
Choir	8	Diapason.....	12 notes
Choir	8	Concert Flute.....	12 notes
Choir	8	Erzähler Celeste.....	12 notes

RELAY Install new 73 note Relay for Choir Organ

SWITCHES

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

Great		Station cutout.....	61 notes
Swell	"A"	Station cutout.....	73 notes
Swell	"B"	Station cutout.....	73 notes
Choir	16	Contra Erzähler.....	73 notes
Choir	8	Erzähler.....	73 notes
Choir	4	Dulcet.....	73 notes
Choir	2-2/3	Nazard.....	61 notes
Choir	2	Flautino.....	61 notes
Choir		Station cutout.....	73 notes

HARP

Install new 61 note electro-pneumatic harp action using present harp bars.

CHIMES

Install new 21 note electric chimes action, complete with relays, volume control switch, transformer, etc.
Supply new Top F #42 chime tube.

PEDAL ORGAN

Releather 16 Diapason action #1 to #44 incl. and install new outside type magnets.
Install new action for 16 Diapason #45 to #56 incl.
Releather 16 Bourdon action #1 to #44 incl. and install new outside type magnets.
Releather 16 Trombone action #1 to #44 incl. and install new outside type magnets.
Install new 32 note Pedal Relay with twelve 32 note switches.

EXPRESSION

Recover three 16 stage shifftree expression actions.

RESERVOIRS

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

Three (3)	3'-0" x 5'-0"	Manual Reservoirs
Two (2)	2'-6" x 4'-0"	Manual Reservoirs
One (1)	2'-0" x 3'-0"	Pedal Reservoir
One (1)	1'-6" x 2'-6"	Pedal Reservoir

TREMOLO

Install three new electro-pneumatic tremolos.

PIPES

Install the following new pipes:

Great	III	Scharf.....	183 pipes
Great	II-IV	Mixture.....	208 pipes
Swell	1-1/3	Larigot.....	61 pipes
Swell	8	Trompette.....	73 pipes
Swell	4	Clairon.....	73 pipes

Install new modern type tuning slides on pipes as required.
Repack stoppers of all wooden pipes.

Present cables and action current wires to be re-used.

Present motor and blower to be re-used.

Install new 10-15 volt, 30 ampere organ power unit.

Parts specified above to be returned to the factory of M. P. Moller, Inc. at Hagerstown, Md. for rebuilding and tonal changes as specified.

SPECIFICATIONS
FOR
CONSOLE AND ORGAN

CC to Ch, 61 notes
CCC to G, 32 notes
Gr. 6", Sw. 7", Ch. 6", Ped. 16 Diapason 5", Ped. 16 Bourdon 6" + Ped. 16 Trombone 7"
A-LHO @ 70°F

GREAT ORGAN

14

1	8	Diapason.....present pipes; present action.....61 pipes
2	8	Gross Flute.....present pipes; present action.....61 pipes
3	8	Erzahler.....present pipes; present action.....61 pipes
4	4	Octave.....present Swell 8 Geigen Diapason pipes; present Great I Octave ^{8 First Diapason} action.....61 pipes
5	4	Flute.....present pipes; present action.....61 pipes
6	8	Tromba.....present pipes; present action.....61 pipes
7	8	English Horn.....present Choir 8 English Horn pipes; present Great II Mixture action.....61 pipes
8	III	Scharf.....new pipes; present 8 First Diapason ^{Great 4 Octave} action.....183 pipes
9	II-IV	Mixture.....new pipes; present 8 French Horn action...208 pipes
10		Chimes.....present tubes A to E, new top F tube; new electric action, relays, transformer, volume control, etc. A to F #22 to #42.....21 tubes
11		Tremolo

SWELL ORGAN

15

12	16	Lieblich Bourdon...present pipes; present action.....73 pipes
13	8	Stopped Diapason...present pipes; present action.....73 pipes
14	8	Viola da Gamba....present pipes; present action.....73 pipes
15	8	Viol Celeste.....present pipes; present action.....73 pipes
16	4	Principal.....present Great 4 Octave pipes, new top octave; present Swell 8 Geigen Diapason action.....73 pipes
17	4	Flute Traverse....present pipes; present action.....73 pipes
18	2	Piccolo.....present pipes; present action.....61 pipes
19	1-1/3	Larigot.....new pipes; present 8 Voix Celeste action...61 pipes
20	III	Mixture.....present pipes; present action.....183 pipes
21	8	Trompette.....new pipes; present 8 Cornopean action.....73 pipes
22	8	Oboe D ¹ Amore....present pipes; present action.....73 pipes
23	8	Vox Humana.....present pipes; present action.....61 pipes
24	4	Clairon.....new pipes; present 8 Salicional action.....73 pipes
25	8	Harp.....present bars; new action.....61 bars
26	4	Celesta.....from #25.....49 notes
27		Tremolo

CHOIR ORGAN

8

28	16	Contra Erzahler (unit)..present pipes; present action.....97 pipes
29	8	Diapason.....present pipes; present action.....73 pipes
30	8	Concert Flute.....present pipes; present action.....73 pipes
31	8	Erzahler.....from #28.....73 notes
32	8	Erzahler Celeste...present 8 Kleine Erzahler pipes; present 8 Kleine Erzahler action.....73 pipes
33	8	Flute D ¹ Amore....present pipes; present action.....73 pipes
34	4	Dulcet.....from #28.....61 notes
35	2-2/3	Nazard.....from #28.....61 notes
36	2	Flautino.....from #28.....61 notes
37	8	Clarinet.....present pipes; present action.....73 pipes
38	II	Grave Mixture.....present Great II Grave Mixture pipes; present Choir 8 English Horn action.....122 pipes
39	8	Harp.....from #25.....61 notes
40	4	Celesta.....from #25.....49 notes
41		Tremolo

PEDAL ORGAN (*) 3

42	32	Contra Bourdon.....from #43 to #44.....32 notes
43	16	Diapason.....present Pedal Diapason pipes #1-12, present Great First Diapason pipes #13-56; present action #1-44, new action #45-56....56 pipes
44	16	Bourdon.....present pipes; present action.....44 pipes
45	16	Lieblich Gedeckt.....from #12.....32 notes
46	16	Contra Erzähler.....from #28.....32 notes
47	8	Octave Principal.....from #43.....32 notes
48	8	Gedeckt.....from #44.....32 notes
49	4	Octave.....from #43.....32 notes
50	III	Mixture.....from #28 (rewire to higher pitches).....32 notes
51	16	Trombone.....present pipes; present action.....44 pipes
52	8	Tromba.....from #51.....32 notes

(*) Pedal Organ playable thru new Pedal Relay and Switches

COUPLERS (No Change)

53	Great to Pedal	67	Choir to Great
54	Great to Pedal 4	68	Choir to Great 4
55	Great to Pedal 2	69	Great 16
56	Swell to Pedal	70	Great Unison off
57	Swell to Pedal 4	71	Great 4
58	Swell to Pedal 2	72	Swell 16
59	Choir to Pedal	73	Swell Unison off
60	Choir to Pedal 5-1/3	74	Swell 4
61	Choir to Pedal 4	75	Swell to Choir 16
62	Choir to Pedal 2-2/3	76	Swell to Choir
63	Swell to Great 16	77	Swell to Choir 4
64	Swell to Great	78	Choir 16
65	Swell to Great 4	79	Choir Unison off
66	Choir to Great 16	80	Choir 4

ADJUSTABLE COMBINATIONS (No Change)

Pistons No. 1-2-3-4-5-6	Affecting Great Stops
Pistons No. 1-2-3-4-5-6	Affecting Swell stops
Pistons No. 1-2-3-4-5-6	Affecting Choir Stops
Pistons No. 1-2-3	Affecting Pedal Stops
Toe Studs No. 4-5-6	Affecting Pedal Stops
Pistons 1-2-3-4-5-6-7-8	Affecting Full Organ (duplicated by toe studs)
General Cancel	

PEDAL MOVEMENTS (No Change)

- 1 - Great to Pedal Reversible (duplicated by manual piston)
- 2 - Swell to Pedal Reversible (duplicated by manual piston)
- 3 - Swell to Pedal 4 Reversible (duplicated by manual piston)
- 4 - Balanced Expression Pedal - Great Organ (16 contacts, regular system)
- 5 - Balanced Expression Pedal - Swell Organ (16 contacts, regular system)
- 6 - Balanced Expression Pedal - Choir Organ (16 contacts, regular system)
- 7 - Balanced Crescendo Pedal with indicator light (green jewel)
- 8 - Sforzando Reversible (duplicated by manual piston) with indicator light (red jewel)
- 9 - All Swells to Swell Reversible (duplicated by manual piston) with indicator light (blue jewel)

ACCESSORIES

Present pedal light

Present concave and radiating pedal keyboard
Present organ bench with music shelf

Present motor and blower
New DC organ power unit of ample capacity

8/28/72
RHM/mbg