

M. P. MÖLLER Organ Factory

3/29

Pipe Organ No. R-649 Date September 2, 1959
 For SALEM REFORMED CHURCH, HARRISBURG, PENNSYLVANIA
 Action Electro-Pneumatic Console Detached
 Casing No. None Finish To Customer's Selection
 Decorations None Motor Present Motor & Blower. New DC Organ
 Width of Key-bed Standard Stop Controls Draw Knobs & Tilting Tablets ^{Power Unit}
 No. Manuals Three and Pedal Wind Pressure 5"
 To be Completed September 1, 1960 Blower Pipe furnished by Present

SPECIFICATIONS

FOR

REBUILDING PRESENT MOLLER ORGAN OPUS 5668 - 1929

CONSOLE

Install new three manual electro-pneumatic detached draw knob console, pedal keyboard and organ bench.

MANUAL CHEST

Releather 1156 manual pipe pouches.
 Install 1745 new stop action checks and eyelets.
 Install 455 new duplex shifters.
 Install 387 new magnet plugs and armatures.
 Releather 22 stop action primaries.
 Releather five 73 note primary stations and install new valves.

OFFSET ACTIONS

Releather the following offset or unit actions and install new magnet plugs and armatures.

Great 16 Quintaton	#1 to #16 incl.	16 Notes
Great 8 Diapason	#1 to #8 incl.	8 Notes
Great 8 Gemshorn	#1 to #4 incl.	4 Notes
Great II Grave Mixture	#1 to #10 incl.	10 Notes
Swell 16 Gedeckt	#1 to #73 incl.	73 Notes
Swell 8 Salicional	#1 to #12 incl.	12 Notes
Swell 4 Principal	#1 to #6 incl.	6 Notes
Swell 4 Rohrflöte	#1 to #73 incl.	73 Notes
Swell 8 Vox Humana	#1 to #73 incl.	73 Notes
Choir 16 Dulciana	#1 to #97 incl.	97 Notes
Choir 8 Gemshorn Celeste	#1 to #5 incl.	5 Notes
Choir 8 Clarinet	#1 to #73 incl.	73 Notes

CONTACT BOXES

Install new 42 note Contact Box for Great Organ.
 Releather one 73 note Contact Box for Swell Organ and install new silver wire contact blocks.
 Releather one 73 note Contact Box for Choir Organ and install new silver wire contact blocks.

SWITCHES

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

Great 16 Quintaton - 32 Notes
 Great 8 Quintaton - 8 Notes
 Great 8 Gemshorn - 4 Notes
 Great II Grave Mixture - 10 Notes
 Great III Mixture - 32 Notes
 Great Chimes - 21 Notes
 Swell 16 Gedeckt - 73 Notes
 Swell 8 Salicional - 12 Notes
 Swell 4 Principal - 6 Notes
 Swell 4 Rohrflöte - 73 Notes
 Swell 2-2/3 Nazard - 61 Notes
 Swell 2 Flautino - 61 Notes
 Swell 8 Vox Humana - 73 Notes
 Choir 16 Dulciana - 73 Notes
 Choir 8 Gemshorn Celeste - 5 Notes
 Choir 8 Dulciana - 73 Notes
 Choir 4 Dulcet - 73 Notes
 Choir 2-2/3 Dulciana Twelfth - 61 Notes
 Choir 2 Dulciana - 61 Notes
 Choir 8 Clarinet - 73 Notes
 Choir Chimes - 21 Notes

CHIMES

Releather and refelt 21 note action and install new magnet plugs and armatures.
 Recover 21 pneumatics.

PEDAL ORGAN

Releather 16 Diapason action #1 to #14 inc. and install new magnet plugs and armatures.
 Releather 16 Bourdon action #1 to #14 inc. and install new magnet plugs and armatures.
 Releather 16 note primary station for 16 Quintaton and install new magnet plugs and armatures.
 Install new 32 note pedal relay with fifteen 32 note switches.

EXPRESSION

Releather 24 note expression action for Great Organ and install new magnet plugs and armatures.
 Releather 7 note expression action for Swell Organ and install new magnet plugs and armatures.
 Recover 31 shade and bumper pneumatics and install new shade jacks and connecting rods.

RESERVOIRS

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

Two (2) 3'-0" x 5'-0" Manual reservoirs
 Two (2) 1'-6" x 2'-0" Pedal reservoirs
 One (1) 3'-0" x 3'-0" Blower reservoir
 Two (2) Shade reservoirs
 One (1) Chime reservoir

TREMOLLO Install four new electro-pneumatic tremolos.

PIPES Install the following new pipes:

Great 16 Quintaton - 73 Pipes
 Great 4 Octave - 73 Pipes
 Great II Grave Mixture - 122 Pipes
 Great III Mixture - 183 Pipes
 Swell 4 Principal - 73 Pipes
 Swell III Scharf - 183 Pipes
 Swell 8 Trompette - 73 Pipes
 Choir 8 Gemshorn Celeste - 73 Pipes

Revoice the following reeds:

Swell 8 Vox Humana - 73 Pipes
 Swell 4 Oboe Clarion - 73 Pipes
 Choir 8 Clarinet - 73 Pipes

Revoice all present pipes used in revised specifications.
 Install modern tuning slides as required.
 Repack stoppers of wood pipes.

CABLES Present cables to be used without change.

BLOWER Present blower to be used without change.

ACTION CURRENT Install new 10-15 Volt, 30 Ampere DC organ power unit.

GENERAL The parts specified above for rebuilding to be returned to factory of M. P. Moller, Inc. at Hagerstown, Maryland.

SPECIFICATIONS
 OF
 CONSOLE AND ORGAN

MANUAL COMPASS CC to C₁, 61 notes
 PEDAL COMPASS CCC to G₂, 32 notes
 WIND PRESSURE
 PITCH A-440 @ 70° F

GREAT ORGAN 12

1	16	Quintaton.....new pipes, present 16 Open Diapason action.....73 Pipes
2	8	Diapason.....present 16 Open Diapason pipes #13 to #73 incl. present 8 First Open Diapason action.....61 Pipes
3	8	Quintaton.....from #1.....61 Notes
4	8	Concert Flute.....present pipes, present action.....73 Pipes
5	8	Gemshorn.....present pipes, present action.....73 Pipes
6	4	Octave.....new pipes, present 8 Gamba action.....73 Pipes
7	4	Flute Harmonic.....present pipes, present action.....73 Pipes
8	2	Piccolo Harmonic.....present pipes, present action.....61 Pipes
9	II	Grave Mixture (12-15) new pipes, present 8 Gross Flute action.....122 Pipes
10	III	Mixture (19-22-26).....new pipes, present 8 Harmonic Tuba action.....183 Pipes
11		Chimes.....present tubes, present action.....21 Tubes
12		Tremolo

SWELL ORGAN 12

13	16	Gedeckt (unit).....present pipes, present action.....73 Pipes
14	8	Gedeckt.....present pipes, present action.....73 Pipes
15	8	Salicional.....present 8 Aeoline pipes, present 8 Virole d'Orchestre action.....85 Pipes
16	8	Voix Celeste TC.....present pipes, present action.....61 Pipes
17	4	Principal.....new pipes, present 8 Open Diapason action.....73 Pipes
18	4	Rohrflöte (unit).....present pipes, present action.....73 Pipes
19	4	Violina.....from #15.....73 Notes
20	2-2/3	Nazard.....from #18.....61 Notes
21	2	Flautino.....from #18.....61 Notes
22	III	Scharf (22-26-29).....new pipes, present III Mixture action.....183 Pipes
23	8	Trompette.....new pipes, present 8 Oboe action.....73 Pipes
24	8	Vox Humana.....present pipes, present action.....73 Pipes
25	4	Oboe Clarion.....present 8 Oboe pipes, present 8 Aeoline action.....73 Pipes
26		Vox Humana Tremolo
27		Tremolo

CHOIR ORGAN 3

28	16	Dulciana (unit).....present pipes, present action.....97 Pipes
29	8	Concert Flute.....from #4.....73 Notes
30	8	Gemshorn.....from #5.....73 Notes
31	8	Gemshorn Celeste.....new pipes, present 8 English Open Diapason action.....73 Pipes
32	8	Dulciana.....from #28.....73 Notes
33	4	Flute Harmonic.....from #7.....73 Notes
34	4	Dulcet.....from #28.....73 Notes
35	2-2/3	Dulciana Twelfth.....from #28.....61 Notes
36	2	Dulciana.....from #28.....61 Notes
37	2	Piccolo.....from #8.....61 Notes
38	8	Clarinet.....present pipes, present action.....73 Pipes
39		Chimes.....from #11.....21 Notes
40		Tremolo

PEDAL ORGAN

41	32	Resultant.....	from #42 & #43.....	32	No
42	16	Diapason.....	present Pedal 16 First Open Diapason pipes #1 to #12, present Swell 8 First Open Diapason pipes #13 to #44, present action.....	44	Pi
43	16	Bourdon.....	present pipes, present action.....	44	Pi
44	16	Quintaton.....	from #1.....	32	No
45	16	Lieblichgedeckt.....	from #13.....	32	No
46	16	Dulciana.....	from #28.....	32	No
47	10-2/3	Bourdon Quint.....	from #43.....	32	No
48	8	Octave.....	from #42.....	32	No
49	8	Bourdon.....	from #43.....	32	No
50	8	Flauto Dolce.....	from #13.....	32	No
51	8	Dulciana.....	from #28.....	32	No
52	4	Flute.....	from #13.....	32	No
53		Chimes.....	from #11.....	21	No

COUPLERS

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

ADJUSTABLE COMBINATIONS

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
Toe Studs No. 1-2-3-4-5-6	Affecting Pedal Stops
Pistons No. 1-2-3-4-5-6	Affecting Full Organ (duplicated by toe studs)
General Cancel Piston	

PEDAL MOVEMENTS

- 1 - Great to Pedal Reversible (duplicated by manual piston)
- 2 - Swell to Pedal Reversible (duplicated by manual piston)
- 3 - Choir to Pedal Reversible (duplicated by manual piston)
- 4 - Balanced Expression Pedal for Great-Choir Organ (24 contacts, regular system)
- 5 - Balanced Expression Pedal for Swell Organ (7 contacts, regular system)
- 6 - Balanced Crescendo Pedal with four indicator lights (green jewel)
- 7 - Sforzando Reversible (duplicated by manual piston) with indicator light (red jewel)

ACCESSORIES

Action current indicator light (white jewel)

Signal button

Transparent music rack with fluorescent light

Pedal light

Concave and radiating pedal keyboard

Organ bench with music shelf

Present blower and motor. New 30 ampere DC organ power unit.