

M. P. MÖLLER Organ Factory

Pipe Organ No. R-467 Date April 10, 1953
 For TRINITY CATHEDRAL, EPISCOPAL, PITTSBURGH, PA.
 Action Electro-Pneumatic Console Detached - Rift Sawn Oak
 Casing No. None Finish To C/B submitted
 Decorations None Motor Present Motor & Blower. New Power Unit
 Width of Key-bed Standard Stop Controls Draw-Knobs & Tilting Tablets
 No. Manuals Four & Pedal Wind Pressure _____
 To be Completed December 7, 1953 Blower Pipe furnished by Present

SPECIFICATIONS

FOR

REBUILDING MOLLER ORGAN OPUS 1600

CONSOLE: Install new four manual electro-pneumatic detached draw knob console, pedal key and bench.

MANUAL CHEST: Recover 2570 manual pipe pouches.
 Releather and electrify four 73 note and three 61 note primary stations.
 Install 38 new single stop action rails.
 Install 2570 stop action checks and eyelets.
 Install new bottom boards.
 Releather and electrify 38 stop action controls.

OFFSET ACTION: Releather and electrify Great 16 Violone action 1-61 inc.
 Releather and electrify Great 8 Diapason action 1-7 inc.
 Releather and electrify Great 4 Octave action 1-6 inc.
 Releather and electrify Swell 8 Diapason action 1-4 inc.
 Releather and electrify Swell 16 Fagotto action 1-73 inc.
 Releather and electrify Swell 8 Vox Humana action 1-61 inc.
 Releather and electrify Echo 8 Vox Humana action 1-61 inc.
 Install new Swell 16 Flute Conique action 1-73 inc.

CONTACT BOX: Install new 61 note contact box in Great Organ.
 Install new 61 note contact box in Echo Organ.
 Install new 73 note contact box in Swell Organ.

SWITCHES: Install the following new switches with stop actions.

Great	Unison switches	61 Notes each
Great	16 Violone	61 Notes
Great	8 Diapason	7 Notes
Great	4 Octave	6 Notes
Swell	Unison switches	73 Notes each
Swell	16 Flute Conique	73 Notes
Swell	8 Diapason	4 Notes
Swell	16 Fagotto	73 Notes
Swell	8 Vox Humana	61 Notes
Echo	8 Vox Humana	61 Notes
Echo	Chimes	20 Notes

PEDAL:

Releather 16 Bourdon action 1-68 inc. and install new outside type magnets.
 Releather 16 Diapason action 1-56 inc. and install new outside type magnets.
 Releather 16 Tromba action 1-56 inc. and install new outside type magnets.
 Releather present 16 Lieblichgedeckt action 1-76 inc. and install new outside type magnets. Use for 5-1/3 and 2 Pedal stops.

CHIMES:

Releather 20 note chime action and install new outside type magnets.
 Recover 20 present chime pneumatics.
 Install 20 new chime hammers.

EXPRESSION:

Install new 34 note expression action for Swell Organ.
 Install new 34 note expression action for Choir Organ.
 Install new 10 note expression action for Echo Organ.

RESERVOIRS:

Releather two 3'-0" x 5'-0" reservoirs and install new curtain valve.
 Releather three 2'-6" x 4'-0" reservoirs and install new curtain valves.
 Releather two 2'-0" x 4'-0" reservoirs and install new curtain valves.
 Releather two 1'-6" x 3'-0" concussion pneumatics for Swell & Choir Organs.
 Releather miscellaneous offset chest and pedal reservoirs.
 Install new concussion valves and pneumatics for Great and Echo organs.

PIPES:

Repair or replace damaged or missing pipes.
 Install modern tuning slides on all metal pipes.
 Repair and revoice the following reed stops.

Swell	16	Fagotto	73 Pipes
Swell	8	Oboe	73 Pipes
Swell	8	Vox Humana	61 Pipes
Choir	8	Clarinet	73 Pipes
Echo	8	Corno	61 Pipes
Echo	8	Cor Anglais	61 Pipes
Echo	8	Vox Humana	61 Pipes
Pedal	16	Tromba	56 Pipes

Install the following new pipes -

Great	4	Octave	61 Pipes
Great	2-2/3	Octave Quint	61 Pipes
Great	III Rks	Mixture	183 Pipes
Swell	16	Flute Conique	73 Pipes
Swell	4	Principal	73 Pipes
Swell	2-2/3	Twelfth	61 Pipes
Swell	2	Fifteenth	61 Pipes
Swell	III Rks	Plein Jeu	183 Pipes
Swell	8	Trompette	73 Pipes
Swell	4	Clarion	73 Pipes
Choir	4	Nachthorn	73 Pipes
Choir	2-2/3	Nazard	61 Pipes
Choir	2	Blockflöte	61 Pipes
Choir	1-3/5	Tierce	61 Pipes
Choir	III Rks	Scharf	183 Pipes

POSITIV ORGAN: Install a complete new Positiv organ to be playable from the Echo manual, as follows -

8	Bourdon	61 Pipes
4	Nachthorn	61 Pipes
2-2/3	Nazard	61 Pipes
2	Octav	61 Pipes
1-3/5	Ters	61 Pipes
	Tremolo	

BLOWER: Present blower to be factory overhauled and new bearings installed. Install new 10-15 volt 60 ampere Orgelectra power unit.

CABLES: Present organ cables to be used where possible. New organ cable to be installed where necessary.

GENERAL: The entire organ to be returned to the factory for rebuilding as specified above.

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 (Unenclosed)

1	16	Violone.....	Present pipes, present Great action.....	61 Pipes
2	8	Diapason.....	Present pipes, present Great Diapason II action.....	61 Pipes
3	8	Hohlflöte.....	Present pipes, present Solo Diapason II action.....	61 Pipes
4	4	Octave.....	New pipes, present Solo Diapason action.....	61 Pipes
5	4	Harmonic Flute....	Present pipes, present Great action.....	61 Pipes
6	2-2/3	Octave Quint..	New pipes, present Solo action.....	61 Pipes
7	2	Fifteenth.....	Present pipes, present Great action.....	61 Pipes
8	III Rks.	Mixture.....	New pipes, present Solo Double Open Diapason action.....	183 Pipes

SWELL ORGAN

9	16	Flute Conique.	New pipes, new action.....	73 Pipes
10	8	Open Diapason....	Present pipes, present action.....	73 Pipes
11	8	Stopped Flute....	Present pipes, present Stopped Diapason action.....	73 Pipes
12	8	Salicional.....	Present pipes, present action.....	73 Pipes
13	8	Voix Celeste TC....	Present pipes, present action.....	61 Pipes
14	4	Principal.....	New pipes, present Quintadena action.....	73 Pipes
15	4	Waldflöte.....	Present pipes, present action.....	73 Pipes

SWELL ORGAN (Cont'd)

16	2-2/3	Twelfth.....New pipes, present Viole d'Orchestra action.....	61	Pipes
17	2	Fifteenth.....New pipes, present Piccolo action.....	61	Pipes
18	III Rks	Plein Jeu.....New pipes, present Dolce Cornet action.....	183	Pipes
19	16	Fagotto.....Present pipes, present action.....	73	Pipes
20	8	Trompette.....New pipes, present Cornopean action.....	73	Pipes
21	8	Oboe.....Present pipes, present Violina action.....	73	Pipes
22	8	Vox Humana.....Present pipes, present action.....	61	Pipes
23	4	Clarion.....New pipes, present Saxophone action.....	73	Pipes
24		Tremulant		

CHOIR ORGAN

25	8	Geigen.....Present pipes, present action.....	73	Pipes
26	8	Concert Flute.....Present pipes, present Clarabella Flute action.....	73	Pipes
27	8	Dulciana.....Present pipes, present action.....	73	Pipes
28	8	Unda Maris.....Present pipes, present action.....	73	Pipes
29	4	Gemshorn.....Present pipes, present action.....	73	Pipes
30	4	Nachthorn.....New pipes, present Clarinet action.....	73	Pipes
31	2-2/3	Nazard.....New pipes, present Concert Flute action.....	61	Pipes
32	2	Blockflöte.....New pipes, present Flautino action.....	61	Pipes
33	1-3/5	Tierce.....New pipes, present Gamba action.....	61	Pipes
34	III Rks	Scharf.....New pipes, present Great Mixture action.....	183	Pipes
35	8	Clarinet.....Present pipes, present Oboe action.....	73	Pipes
36		Tremulant		

ECHO ORGAN

37	8	Viole Concerto.....Present pipes, present action.....	61	Pipes
38	8	Voix Celeste.....Present pipes, present action.....	61	Pipes
39	8	Rohrflöte.....Present pipes, present action.....	61	Pipes
40	8	Aeoline.....Present pipes, present action.....	61	Pipes
41	8	Aetherial Celeste...Present pipes, present action.....	61	Pipes
42	4	Flute.....Present pipes, present action.....	61	Pipes
43	8	Cor Anglais.....Present pipes, present action.....	61	Pipes
44	8	Corno.....Present pipes, present action.....	61	Pipes
45	8	Vox Humana.....Present pipes, present action.....	61	Pipes
46		Chimes.....Present tubes, present action.....	20	Tubes
47		Tremulant		

POSITIV ORGAN (Unenclosed, Playable from Echo manual)

48	8	Bourdon.....New pipes & action.....	61	Pipes
49	4	Nachthorn.....New pipes & action.....	61	Pipes
50	2-2/3	Nasat.....New pipes & action.....	61	Pipes
51	2	Octav.....New pipes & action.....	61	Pipes
52	1-3/5	Terz.....New pipes & action.....	61	Pipes
53		Tremolo		

PEDAL ORGAN

54	16	Open Diapason...Present Solo Double Open Diapason pipes, present Open Diapason action.....	56 Pipes
55	16	Bourdon.....Present pipes, present action.....	56 Pipes
56	16	Violone.....from #1.....	32 Notes
57	16	Flute Conique.....from #9.....	32 Notes
58	8	Octave.....from #54.....	32 Notes
59	8	Bourdon.....from #55.....	32 Notes
60	8	Geigen.....from #1.....	32 Notes
61	8	Flute Conique.....from #9.....	32 Notes
62	5-1/3	Quint.....Present Solo Diapason pipes, present Lieblichgedeckt action.....	44 Pipes
63	4	Super Octave <i>Principal</i> from #54.....	32 Notes
64	4	Bourdon.....from #55.....	32 Notes
65	2-2/3	Octave Quint.....from #62.....	32 Notes
66	2	Super Octave....Present Solo Diapason II pipes, present Lieblichgedeckt action.....	32 Pipes
67	16	Tromba.....Present Trombone pipes, present action.....	56 Pipes
68	16	Fagotto.....from #19.....	32 Notes
69	8	Tromba.....from #67.....	32 Notes
70	4	Clarion.....from #67.....	32 Notes

COUPLERS

71	Great to Pedal
72	Great to Pedal 4
73	Swell to Pedal
74	Swell to Pedal 4
75	Choir to Pedal
76	Choir to Pedal 4
77	Echo to Pedal
78	Swell to Great 16
79	Swell to Great
80	Swell to Great 4
81	Choir to Great 16
82	Choir to Great
83	Choir to Great 4
84	Echo to Great 16
85	Echo to Great
86	Echo to Great 4
87	Great 16
88	Great Unison
89	Great 4
90	Echo to Swell 16
91	Echo to Swell
92	Echo to Swell 4
93	Swell 16
94	Swell Unison
95	Swell 4
96	Swell to Choir 16
97	Swell to Choir
98	Swell to Choir 4

COUPLERS (Cont'd)

102	Choir 16
103	Choir Unison
104	Choir 4
105	Echo to Echo 16
106	Echo Unison
107	Echo to Echo 4

ADJUSTABLE COMBINATIONS

Pistons No. 1-2-3-4-5-6-7	Affecting Great Stops
Pistons No. 1-2-3-4-5-6-7	Affecting Swell Stops
Pistons No. 1-2-3-4-5-6-7	Affecting Choir Stops
Pistons No. 1-2-3-4-5-6	Affecting Echo & Positiv Stops
Pistons No. 1-2-3-4-5-6-7	Affecting Pedal Stops (duplicated by toe studs)
Pistons No. 1-2-3-4	Affecting Pedal and inter-manual couplers
Pistons No. 1-2-3-4-5-6-7-8	Affecting Full Organ (duplicated by toe studs)
General Cancel	

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 - Echo to Pedal Reversible (duplicated by manual piston)
- 5 - Balanced Expression Pedal - Swell Organ
- 6 - Balanced Expression Pedal - Choir Organ
- 7 - Balanced Expression Pedal - Echo Organ
- 8 - Balanced Crescendo Pedal
- 9 - Sforzando Reversible (duplicated by manual piston)
- 10 - All Swells to Swell Reversible (duplicated by manual piston)

ACCESSORIES

Action current indicator light - White
 Crescendo indicator light - Green
 Sforzando indicator light - Red
 All Swells to Swell indicator light - White

Music rack with Castlight

Organ bench with music shelf

Concave & radiating pedal keyboard

Present motor & blower. New Orgelectra power unit

MOLLER ORGAN OPUS 1600