

M. P. MÖLLER Organ Factory

3-38

REVISED NOVEMBER 6, 1973

Pipe Organ No. R-896 Date June 12, 1973
 For TRINITY LUTHERAN CHURCH, CHAMBERSBURG, PENNSYLVANIA
 Action Electro-Pneumatic Console Detached - All Electric
 Casing No. Exposed chests enclosure Finish To customer's sample
 Decorations ~~None~~ Present grille enlarged Motor New motor and blower
 Width of Key-bed Standard Stop Controls Draw Knobs and Tilting Tablets
 No. Manuals THREE & PEDAL 4 oz. touch Wind Pressure _____
 To be Completed April 1, 1974 Blower Pipe furnished by Purchaser

SPECIFICATIONS

FOR

REBUILDING, CHANGING, TONALLY AND ADDING TO PRESENT
 MOLLER ORGAN OPUS 5696 (1930)
 R-685 (1962)

CONSOLE

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

MANUAL CHESTS

Recover 782 manual pipe pouches.
 Install 811 new stop action checks and eyelets.
 Install 122 new duplex shifters.
 Recover three 73 note primary stations and install new magnet plugs and armatures.
 Recover 13 stop action primaries and install new magnet plugs and armatures.
 Recover present pedal station for Swell 16 Contra Fagotto and install new magnet plugs and armatures; extend same for full compass of chest.
 Rework or install new toeboard/rackboard assemblies as required for tonal changes.

OFFSET ACTIONS

Recover the following actions and install new magnet plugs and armatures:

Swell	16	Bassflöte	97 notes
Swell	4	Principal	4 notes
Swell	1-1/3	Quintflöte	4 notes
Swell	III-IV	Plein Jeu	4 notes
Choir	8	Holzgedackt	85 notes
Choir	8	Rohr Schalmel	61 notes

Provide new action for Swell 16 Contre Fagott #62-85

CHIMES

Recover 21 note chime action and install new magnet plugs and armatures.
 Recover 21 chime pneumatics.
 Refelt chime action.

CONTACT BOXES

Reuse without change present two Swell and one Choir contact boxes.

SWITCHES

Provide electro-pneumatic switches with stop actions for the following, reusing present switches to the greatest practical extent (after recovering pneumatics and stop actions and installing new magnet plugs and armatures:

Great "A" station cutout	61 notes
Great "B" station cutout	61 notes
Great 8 Spitzflöte	61 notes
Great Chimes	25 notes
Swell "A" station cutout	73 notes
Swell "B" station cutout	73 notes
Swell 16 Bassflöte	73 notes
Swell 8 Rohrflöte	73 notes
Swell 4 Principal	4 notes
Swell 4 Rohrflöte	73 notes
Swell 1-1/3 Quintflöte	4 notes
Swell III-IV Plein Jeu	4 notes
Swell 16 Contre Fagott	73 notes
Swell 4 Fagott	61 notes
Choir station cutout	73 notes
Choir 8 Holzgedeckt	73 notes
Choir 4 Holzflöte	73 notes
Choir 2 Gedackt	61 notes
Choir 8 Rohr Schalmel	61 notes

PEDAL ORGAN

Recover the following actions and install new magnet plugs and armatures:

16	Principal	44 notes
16	Subbass	44 notes

Install new action for the following:

16	Principal	12 notes (#45-56)
IV	Mixture	32 notes
16	Bombarde	44 notes

Provide relay and switches as required, reusing present to the greatest practical extent (after recovering pneumatics and stop actions and installing new magnet plugs and armatures)

EXPRESSION

Recover two 9, one 10 and one 4 note expression action and install new magnet plugs and armatures.
Recover 32 shade and bumper pneumatics.
Install 32 new shade jacks and connecting rods.

RESERVOIRS

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

Two 2'-6" x 4'-0" manual
Two pedal
Four expression
One concussion

TREMOLOS Recover two electro-pneumatic tremolos.

PIPES Install the following new pipes:

GREAT ORGAN

8	Principal	61 pipes
8	Spitzflöte	61 pipes
4	Octave	61 pipes
4	Spillflöte	61 pipes
2	Flachflöte	61 pipes
IV	Mixture	244 pipes
8	Trompete	61 pipes

SWELL ORGAN

8	Rohrflöte	85 pipes
4	Principal	73 pipes
1-1/3	Quintflöte	61 pipes
II	Sesquialtera T.C.	98 pipes
III-IV	Plein Jeu	220 pipes
16	Contre Fagott (1/2 L)	85 pipes
8	Trompette	61 pipes

CHOIR ORGAN

8	Holzgedackt	24 pipes (#62-85)
4	Gemshorn	85 pipes
III	Zimbel	183 pipes

PEDAL ORGAN

16	Principal	44 pipes (#13-56)
IV	Mixture	64 pipes
	(Reuse present Great II Mixture 64 pipes)	
16	Bombarde	44 pipes

Revoice all present pipes being reused.

CABLES Install new plastic covered cables between console and organ.
Install new action current wires between console, organ and power unit.

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

BLOWER Install new 5 H.P., Style 3-P-3328 motor and blower.

GENERAL Install completely new exposed Great Organ, *with supports & paneling & change present grille.*
Reengineer present Great-Choir Organs to form new Swell Organ.
Reengineer present Swell Organ to form new Choir Organ
Entire organ to be returned to the factory of M. P. Müller, Inc. at Hagerstown, Md. 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 10
Exposed

1	8	Principal.....new pipes and action.....61 pipes
2	8	Spitzflöte.....new pipes and action.....61 pipes
3	4	Octave.....new pipes and action.....61 pipes
4	4	Spillflöte.....new pipes and action.....61 pipes
5	2	Flachflöte.....new pipes and action.....61 pipes
6	IV	Mixture.....new pipes and action.....244 pipes
7	8	Trompete.....new pipes and action.....61 pipes
8		Chimes.....present Deagan "K" tubes and action.....21 tubes
9		Carillon...provide switch in console wired to junction..61 notes

SWELL ORGAN 13
Enclosed

10	16	Bassflöte.....present 16 Bourdon pipes #1-12; new pipes #13-97; present 16 Bourdon action.....97 pipes
11	8	Rohrflöte.....from #10.....73 notes
12	8	Salicional.....present pipes; present Choir Dulciana action.....73 pipes
13	8	Voix Celeste TC...present pipes; present Choir Unda Maris action.....61 pipes
14	4	Principal.....new pipes; present Choir Gemshorn action.....73 pipes
15	4	Rohrflöte.....from #10.....73 notes
16	2	Principal.....from #14.....61 notes
17	1-1/3	Quintflöte.....new pipes; present Choir Octave action..61 pipes
18	II	Sesquialtera TC...new pipes; present Great Holzgedeckt action.....98 pipes
19	III-IV	Plein Jeu.....new pipes; present Great Open Diapason action.....220 pipes
20	16	Contre Fagott...new pipes; present Great II Mixture action #1-61; new action #62-85.....85 pipes
21	8	Trompette.....new pipes; present Choir Rohrschalmel action.....61 pipes
22	4	Fagott.....from #20.....61 notes
23		Tremolo

CHOIR ORGAN 8
Enclosed

24	8	Holzgedackt.....	present pipes #1-61; new pipes #62-85; present Concert Flute action.....	85 pipes
25	8	Dolce.....	present Dulciana pipes; present Swell Trompette action.....	73 pipes
26	8	Dolce Celeste TC...	present Unda Maris pipes; present Swell Vox Celeste action.....	61 pipes
27	4	Gemshorn.....	new pipes; present Swell Salicional action.....	73 pipes
28	4	Holzflöte.....	from #24.....	73 notes
29	2	Klein Oktave.....	from #27.....	61 notes
30	2	Gedackt.....	from #24.....	61 notes
31	III	Zimbel.....	new pipes; present Swell Principal action	183 pipes
32	8	Rohr Schalmel...	present pipes; present Swell Oboe Clarion action.....	61 pipes
33		Tremolo		

* PEDAL ORGAN 7

34	16	Principal.....	present 16 Open Diapason pipes #1-12, new pipes #13-56; present action #1-44, new action #45-56.....	56 pipes
35	16	Subbass.....	present 16 Bourdon pipes; present action.....	44 pipes
36	16	Bassflöte.....	from #10.....	32 notes
37	10-2/3	Quinte.....	from #35.....	32 notes
38	8	Octave.....	from #34.....	32 notes
39	8	Gedackt.....	from #35.....	32 notes
40	8	Rohrflöte.....	from #10.....	32 notes
41	4	Choralbass.....	from #34.....	32 notes
42	4	Rohrflöte.....	from #10.....	32 notes
43	IV	Mixture.....	64 present Great II Mixture pipes, 64 new pipes; new action.....	128 pipes
44	V	Grand Cornet.....	from 20 #20, #34, #34.....	32 notes
45	16	Bombarde.....	new pipes; new action.....	44 pipes
46	16	Contre Fagott.....	from #20.....	32 notes
47	8	Trompette.....	from #45.....	32 notes
48	4	Rohr Schalmel...	from #32.....	32 notes

(*) Pedal Organ playable thru relays and switches

COUPLERS

49	Great to Pedal	59	Swell to Choir 16
50	Swell to Pedal	60	Swell to Choir
51	Choir to Pedal	61	Swell to Choir 4
52	Choir to Pedal 4	62	Great 4
53	Swell to Great 16	63	Swell 16
54	Swell to Great	64	Swell Unison Off
55	Swell to Great 4	65	Swell 4
56	Choir to Great 16	66	Choir 16
57	Choir to Great	67	Choir Unison Off
58	Choir to Great 4	68	Choir 4

ADJUSTABLE COMBINATIONS

Regular Combination Action

Pistons No. 1-2-3-4-5	Affecting Great
Pistons No. 1-2-3-4-5-6	Affecting Swell
Pistons No. 1-2-3-4-5	Affecting Choir
Toe Studs No. 1-2-3-4-5	Affecting Pedal
Pistons No. 1-2-3-4-5-6-7-8	Affecting Full Organ (Nos. 1-2-3-4-5-6 duplicated by toe studs)
General Cancel	
Divisional Cancels (recessed nameplate style)	

REVERSIBLES

Great to Pedal - Toe stud
 Swell to Pedal - Toe stud
 Choir to Pedal - Toe stud
 Tutti - manual piston and toe stud - indicator light (red jewel)

PEDAL MOVEMENTS

Balanced Expression Pedal - Swell Organ (~~20~~²⁰ contacts - regular system)
 Balanced Expression Pedal - Choir Organ (~~16~~¹⁶ contacts - regular system)
 Balanced Crescendo Pedal with indicator light (green jewel)

ACCESSORIES

Concave, radiating pedal clavier
 Organ bench with music shelf and adjustment blocks
 Music rack and pedal lights
 Signal lights labelled "Narthex" and "Sacristy"
 New motor, blower and DC organ power unit