

# M. P. MÖLLER Organ Factory

Rev. 5/6/71  
Rev. 4/10/71  
Rev. 2/1/71  
Rev. 1/28/70

Pipe Organ No. R-823 Date May 26, 1969  
For SECOND PRESBYTERIAN CHURCH, CARLISLE, PENNSYLVANIA  
Action Electro-Pneumatic Console Present - Detached  
Casing No None Finish No Change  
Decorations None Motor Pres. motor & blower. New DC Organ Power Unit.  
Width of Key-bed Standard Stop Controls Draw Knobs & Tilting Tablets  
No. Manuals THREE AND PEDAL Wind Pressure \_\_\_\_\_  
To be Completed \_\_\_\_\_ Blower Pipe furnished by Purchaser

## SPECIFICATIONS

### FOR

REBUILDING PRESENT MOLLER ORGAN OPUS 8156 - 1950

#### CONSOLE

Rebuild present three manual draw knob console, pedal keyboard and organ bench as follows:

Install new engraved draw knobs as necessary to conform to revised specification dated 4/10/71.

Install new silver contacts on all stops and couplers.

Provide extra contacts for station cutouts.

Regulate and clean all coupler contacts.

Clean crescendo and expression contacts.

Recover 24 coupler pneumatics.

Recover 5 master combination pneumatics and primaries.

Recover 6 reversible pneumatics.

Recover reversible pneumatic.

Releather 30 note primary station.

Clean, rebush and regulate combination action.

Refelt and adjust manual keys to four ounce touch.

Refelt console action.

Install new plexiglas music rack with fluorescent light.

Install new pedal light

Install back rest on organ bench.

Install new pedal key caps.

Rework Swell and Choir expression shoes for 7 contacts, reverse system.

Refelt pedal keyboard completely.

Refinish console cabinet, pedal keyboard, organ bench, etc. according to color block to be supplied.



**MANUAL CHESTS** Discard present four rank Great Organ main chest.  
Install three new Great Organ exposed main chests.  
Rework present 8 Diapason action for 2 Flute - 61 pipes.  
Rework present 8 Viola action for II Zimbel - 122 pipes.  
Rework present Swell 8 Oboe action to play 16 Fagot TC.  
Releather 1216 manual pipe pouches.  
Install 1266 new stop action checks and eyelets.  
Install 128 new duplex shifters.  
Releather three 73 note primary stations.  
Releather 19 stop action primaries.  
Releather 44 note Pedal Rohrflöte primary.  
Releather 32 note Pedal Trompette primary.  
Install 314 new magnet plugs and armatures.

**OFFSET ACTIONS** Releather Swell 16 Rohrbourdon action #1 to #12 and  
install new magnet plugs and armatures.  
Releather Swell 2 Flute action #1 to #6 and install  
new magnet plugs and armatures.

**CONTACT BOXES** Releather 73 note Contact Box for Swell Organ and install  
new silver wire contact blocks.

**RELAYS** Install one new 61 note relay for Great Organ.

**SWITCHES** Releather 13 switch pneumatics.  
Releather 13 switch primaries and install new magnet plugs  
and armatures.  
Install 6 new switches with stop actions for Great Organ.  
Install 1 new switch with stop action for Choir Organ.

**PEDAL ORGAN** Releather 16 Principal action #1 to #56 and install new  
magnet plugs and armatures.  
Releather 16 Subbass action #1 to #44 and install new  
magnet plugs and armatures.  
Releather 16 Contre Trompette action #1 to #12 and  
install new magnet plugs and armatures.  
Releather 10 pedal relay switch pneumatics.

**EXPRESSION** Install new expression shades and actions as required for  
Swell Organ.  
Install new expression shades and actions as required for  
Choir Organ.

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

- One (1) 3'-6" x 3'-6" Blower Reservoir
- One (1) 2'-0" x 4'-0" Great Manual Reservoir
- One (1) 3'-0" x 6'-0" Swell Manual Reservoir
- One (1) 3'-0" x 4'-0" Choir Manual Reservoir
- Three (3) 1'-6" x 2'-6" Pedal Reservoirs
- One (1) 2'-0" x 3'-0" Pedal Reservoir
- One (1) 1'-6" x 2'-0" Pedal Reservoir
- One (1) Console Reservoir

TREMOLOS Install two new electro-pneumatic tremolos.

PIPES Install the following new pipes:

Great	8	Principal	-	61 pipes
Great	8	Spitzflöte	-	61 pipes
Great	4	Octave	-	61 pipes
Great	4	Spillflöte	-	61 pipes
Great	2	Flachflöte	-	61 pipes
Great	8	Trompete (1/2 length)	-	61 pipes
Great	III-IV	Mixture	-	220 pipes
Great	II	Sesquialtera TC	-	98 pipes
CY Swell	2	Principal	-	61 pipes
CY Swell	II	Zimbel	-	122 pipes
Pedal	16	Principal	-	56 pipes

Revoice the following pipes:

Swell	16	Fagot TC	-	61 present	8 Oboe pipes
Swell	8	Trompette	-	73 pipes	
Swell	4	Clarion	-	73 pipes	
Pedal	16	Contre Trompette	-	12 pipes	
Choir	1-1/3	Quintflöte	-	49 present	2-2/3 Nasard pipes 13-61

CABLES Install new plastic covered cables between console and organ.

Install new action current wires between console, organ and power unit.

BLOWER Present blower and motor to be used without change.

ACTION CURRENT Install new organ power unit of ample capacity.

GENERAL Entire organ to be returned to the factory of M. P. Møller, Inc. at Hagerstown, Maryland for rebuilding as specified above. M. P. Møller, Inc. to supply necessary support work for exposed work; case paneling by customer. Present Great 2-2/3 Twelfth and Great 2 Fifteenth pipes are to be carefully crated and stored at church for future use as Pedal II Rauschquinte.

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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 (exposed)

1	8	Principal.....new pipes; new action.....	61 pipes
2	8	Spitzflöte.....new pipes; new action.....	61 pipes
3	4	Octave.....new pipes; new action.....	61 pipes
4	4	Spillflöte.....new pipes; new action.....	61 pipes
5	2	Flachflöte.....new pipes; new action.....	61 pipes
6	II	Sesquialtera TC.....new pipes; new action.....	98 pipes
7	III-IV	Mixture.....new pipes; new action.....	220 pipes
8	8	Trompete (1/2 Lgth) new pipes; new action.....	73 pipes

*8a Tremolo 1-18 Double Trebles*

SWELL ORGAN

9	16	Rohrbourdon.....present pipes; present action.....	85 pipes
10	8	Rohrflöte.....from #9 .....	73 notes
11	8	Gamba.....present pipes; present action.....	73 pipes
12	8	Gamba Celeste TC.....present pipes; present action.....	61 pipes
13	4	Principal.....present pipes; present action.....	73 pipes
14	4	Flute Triangulaire..present pipes; present action.....	73 pipes
15	2	<del>Flute</del> Flageolet.....present Flautino pipes; present	
		Diapason action.....	61 pipes
16	III	Plein Jeu.....present pipes; present action.....	183 pipes
17	16	Fagott TC.....present 8 Oboe pipes; present 8 Oboe	
		action.....	61 pipes
18	8	Trompette.....present pipes; present action.....	73 pipes
19	4	Clarion.....present pipes; present action.....	73 pipes
20		Blank Draw Knob	
21		Tremolo	

CHOIR ORGAN

22	8	Gedeckt.....present pipes; present action.....	73 pipes
23	8	Dulciana.....present pipes; present action.....	73 pipes
24	8	Unda Maris TC.....present pipes; present action.....	61 pipes
25	4	Spitzflöte.....present pipes; present action.....	73 pipes
26	2	Principal.....new pipes; present Flautino action.....	61 pipes
27	1-1/3	Quintflöte <del>TC</del> .....present 2-2/3 Nazard pipes #13 to #61;	
		present 2-2/3 Nazard action.....	61 pipes
28	II	Zimbel.....new pipes; present Viola action.....	122 pipes
29	8	Clarinet.....present pipes; present action.....	73 pipes
30		Blank Draw Knob	
31		Tremolo	

*Zimbelstern*  
16  
w  
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PEDAL ORGAN (\*)

32	16	Principal.....new pipes; present 16 Diapason action, #1-12, present 8 Principal action.....56 pipes
33	16	Subbass .....present 16 Bourdon pipes; present 16 Bourdon action.....44 pipes
34	16	Rohrbourdon.....from #9.....32 notes
35	8	Octave.....from #32.....32 notes
36	8	Bassflöte.....from #33.....32 notes
37	8	Rohrflöte.....from #9 .....32 notes
38	4	Choralbass.....from #32.....32 notes
39	4	Flute.....from #9.....32 notes
40	III	Mixture.....prepared for in console only
41	16	Contre Trompette...1-12 present pipes, present action, 20 from #18.....32 notes
42	8	Trompette.....from #18.....32 notes

(\*) Pedal Organ playable thru present Pedal Relay and Switches

COUPLERS (no change)

43	Great to Pedal	<del>55</del>	Great 16
44	Great to Pedal 4	56	Great 16
45	Swell to Pedal	57	Great Unison Off
46	Swell to Pedal 4	58	Great 4
47	Choir to Pedal	59	Swell 16
48	Choir to Pedal 4	60	Swell Unison Off
49	Swell to Great 16	61	Swell 4
50	Swell to Great	62	Swell to Choir 16
51	Swell to Great 4	63	Swell to Choir
52	Choir to Great 16	64	Swell to Choir 4
53	Choir to Great	65	Choir 16
54	Choir to Great 4	66	Choir Unison Off
			Choir 4

ADJUSTABLE COMBINATIONS (no change)

Pistons No. 1-2-3-4-5-6	Affecting Great Organ
Pistons No. 1-2-3-4-5-6	Affecting Swell Organ
Pistons No. 1-2-3-4-5-6	Affecting Choir Organ
Pistons No. 1-2-3-4-5-6	Affecting Pedal Organ
Pistons No. 1-2-3-4-5-6	Affecting Full Organ (duplicated by toe studs)

PEDAL MOVEMENTS (no change)

- 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 only)
- 4 - Balanced Expression Pedal - Swell Organ with indicator light (7 contacts, reverse system)
- 5 - Balanced Expression Pedal - Choir Organ with indicator light (7 contacts, reverse system)
- 6 - Balanced Crescendo Pedal with indicator light
- 7 - Sforzando Reversible (duplicated by manual piston) with indicator light
- 8 - Zimbelstern Reversible (by toe stud only) with visible rotating star

ACCESSORIES

Plexiglas music rack with fluorescent light  
Pedal light

Present concave and radiating pedal keyboard  
Present organ bench with music shelf with new back rest

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

RHM/mr  
10-17-69  
Revised 2/6/70  
Revised 2/18/71  
Revised 4/20/71  
Revised 5/6/71