

M. P. MÖLLER Organ Factory

2/36

REVISED April 28, 1976

Pipe Organ No. R-948 Date December 22, 1975
For TRINITY UNITED METHODIST CHURCH, LOCK HAVEN, PENNSYLVANIA
Action Electro-Pneumatic Console Present - Detached
Casing No. Present with new grille & cross Finish No Change
Decorations None Main - Present 5 H.P., Style 3-P-3328
Motor Echo - Present 1 H.P., Spencer
Width of Key-bed Standard Stop Controls Draw Knobs & Stop Keys
No. Manuals THREE AND PEDAL Wind Pressure 4"
To be Completed September 1, 1976 Blower Pipe furnished by Purchaser

SPECIFICATIONS

FOR

REBUILDING, CHANGING TONALLY AND ADDING TO
PRESENT MÖLLER ORGAN OPUS 6023-1931 32358 3/32

CONSOLE

Reuse present console, rebuilding same as follows:

- Replace nameboard and install tilting tablets as required.
- Replace all draw knobs and install additional draw knobs for Choir and Pedal Organs.
- Replace contacts on all stop and coupler controls.
- Replace all combination piston buttons and springs.
- Install General Cancel piston and necessary action.
- Install new markers throughout.
- Replace all coupler pneumatics.
- Recover all combination pneumatics.
- Enlarge combination action as required.
- Recover all coupler and combination primaries and install new magnet armatures.
- Replace crescendo and expression pedal pads and edging.
- Replace burrs and felt washers on manual keys.
- Recover manual keys with ivory.
- Remove all on-off switches and repair key jambs.
- Replace all pedal key caps.
- Refelt pedal keyboard and install new insulating bushings.
- Refelt console action as required.
- Recover console reservoir.
- Recover roll top.
- Clean and polish cabinet, bench and pedal keyboard.
- Install new pedal and reversible toe studs and terraces to agree with specifications.
- Install new transparent music rack with light.
- Install new pedal light.

GREAT ORGAN Discard present upper Great-Choir chest and replace with present lower Great chest. Remove present swell box and shades.

SWELL ORGAN Reuse present lower Swell Chest.

CHOIR ORGAN Reuse present upper Swell Chest for this.
Provide partition as required to yield separate expression.

PEDAL ORGAN Relocate present pedal chests from Swell Organ area to unenclosed location beneath Great Organ. Install additional chest from factory inventory.

ECHO ORGAN This organ is not to be rebuilt. Reconnect to console and make tonal change specified.

MANUAL CHESTS Recover 1317 manual pipe pouches.
Install 1226 stop action checks and eyelets.
Recover 19 stop action primaries and install new magnet armatures.
Recover three 73 note primary stations and install new magnet armatures.
Unify the following stops in most practical manner:

Swell	16	Contre Trompette	73 notes
Choir	16	Bass Gedackt	53 notes (#33-85)
Choir	4	Prinzipal	73 notes

Rework and/or provide new toeboard/rackboard assemblies as required for tonal changes.

**OFFSET AND
UNIT ACTIONS**

Recover the following actions and install new magnet armatures:

Great	8	Principal	#1-8
Great	IV	Mixture	#1-61
Swell	8	Rohrflöte	#1-6
Swell	16	Contre Trompette	#1-73
Choir	16	Bass Gedackt	#1-32

SWITCHES

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

Great	8	Principal	8 notes
Great	IV	Mixture	61 notes
Great station cutout			61 notes
Swell	8	Rohrflöte	6 notes
Swell	16	Contre Trompette	61 notes
Swell	8	Trompette	61 notes
Swell station cutout			61 notes
Choir	16	Bass Gedackt	61 notes
Choir	8	Holzgedackt	61 notes
Choir	4	Prinzipal	61 notes
Choir	4	Gedackt	61 notes
Choir	2	Kleine Oktave	61 notes
Choir station cutout			61 notes

PEDAL ORGAN

Recover the following actions and install new magnet armatures:

16	Principal	56 notes
16	Subbass	44 notes
IV	Mixture	12 notes
16	Posaune (from factory inventory)	56 notes

Install new 32 note relay with necessary switches.

EXPRESSION

Remove present Great and Great-Choir shades.

Recover one 8 note and one 10 note expression action and install new magnet armatures.

Recover 18 shade and bumper pneumatics.

Install 18 new shade jacks and connecting rods.

Refelt shades.

Install partition between Swell and Choir organs.

RESERVOIRS

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

Two 3'-0" x 5'-0" manual
One 1'-6" x 2'-6" pedal
Two expression

Install the following new reservoirs:

One 2'-6" x 4'-0" manual (Choir)
One 1'-6" x 2'-6" pedal (Posaune)

Reuse present 3'-0" x 3'-0" blower reservoir without change.

TREMOLOS

Install two new electro-pneumatic tremolos.

PIPES

Install new pipes as follow: 23

GREAT ORGAN 10

8	Principal	49 pipes (#13-61)
8	Spitzflöte	61 pipes
4	Octave	61 pipes
4	Spillflöte	61 pipes
2	Super Octave	61 pipes
IV	Mixture (1-1/3)	244 pipes
8	Trompete	61 pipes

SWELL ORGAN 7

8	Rohrflöte	61 pipes
4	Spitzprincipal	61 pipes
2	Blockflöte	61 pipes
III	Scharf	183 pipes
16	Contre Trompette (1/2 L)	73 pipes

PIPES

Install new pipes as follows:

(continued)

CHOIR ORGAN 5

16	Bass Gedackt	61 pipes (#25-85)
4	Prinzipal	73 pipes
III	Zimbel	183 pipes

PEDAL ORGAN 1

IV	Mixture (2-2/3)	48 pipes
16	Posaune (1/2 L)	56 pipes

Revoice Choir 8 Dulzian.

Revoice all flue pipes being reused.

Repack all wood pipe stoppers.

CABLES

Install new plastic covered cables between console and organ.

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

ACTION CURRENT

Reuse present 10-15 volts, 20 amperes DC organ power unit.

BLOWER

Reuse present (1972) 5 HP, Style 3-P-3328 main motor and blower without change.

Reuse present 1 HP Spencer echo motor and blower without change.

REENGINEERING

Reconductor organ as required by changes listed above.

DISPLAY

Furnish and install Grille, Cross and background fabric.

GENERAL

All parts specified to be rebuilt to be returned to the factory of M. P. Moller, Inc. at Hagerstown, Maryland except 16 Pedal Principal pipes #1-12.

All parts of present organ not required to complete this program to become the property of M. P. Moller, Inc. except present Swell 16 Bourdon pipes #25-85 to remain property of Church.

Tonal finishing to be executed by the head factory finisher.

SPECIFICATIONS
FOR
CONSOLE AND ORGAN

MANUAL COMPASS CC to C4, 61 notes
PEDAL COMPASS CCC to G, 32 notes
WIND PRESSURE 4"
PITCH A-440 @ 70°F

GREAT ORGAN 10
Unenclosed

1	8	Principal.....#1-12 present Open Diapason pipes #13-61 new pipes; present Open Diapason action.....61 pipes
2	8	Spitzflöte.....new pipes; present Stopped Diapason action.....61 pipes
3	4	Octave.....new pipes; present III Mixture 12th action.....61 pipes
4	4	Spillflöte.....new pipes; present III Mixture 15th action.....61 pipes
5	2	Super Octave...new pipes; present III Mixture 19th action.....61 pipes
6	IV Rks.	Mixture.....new pipes; present Choir Dulciana action #13-73244 pipes
7	8	Trompete.....new pipes; present Tromba action.....61 pipes

SWELL ORGAN 11
Enclosed

8	8	Rohrflöte.....new pipes; present Geigen Diapason action.....61 pipes
9	8	Salicional.....present Echo Salicional pipes; present Flute d'Amour action61 pipes
10	8	Voix Celeste T.C....present pipes and action49 pipes
11	4	Spitzprincipal...new pipes; present Nazard action.....61 pipes
12	2	Blockflöte.....new pipes; present Flautina action.....61 pipes
13	II Rks.	Sesquialtera T.C....misc. present pipes; present Tierce action #13-6198 pipes
14	III Rks.	Scharf.....new pipes; present Nineteenth action.....183 pipes
15	16	Contre Trompette.....new pipes; #1-61 present Vox Humana action, #62-73 present Tierce action #62-73.....73 pipes
16	8	Trompette.....from #15.....61 notes
17		Blank
18		Blank
19		Blank
20		Tremolo

CHOIR ORGAN 7
(Enclosed)

21	16	Bass Gedackt....#1-24 present Sw. Bourdon pipes, #25-85 new pipes; present Sw. Bourdon action.....85 pipes
22	8	Holzgedacktfrom #21.....61 notes
23	8	Dolce Celeste II....misc. present pipes; present Sw. Melodia action110 pipes
24	4	Prinzipal.....new pipes; present Sw. Viole D'Orchestra action ...73 pipes
25	4	Gedackt.....from #21.....61 notes
26	2	Kleine Oktavefrom #24.....61 notes
27	1-1/3	Quintflöte....#1-49 present Sw. Nazard pipes, #13-61, #50-61 misc. present pipes, present Sw. Echo Salicional action.....61 pipes
28	III Rks	Zimbel.....new pipes; present Sw. Oboe action.....183 pipes
29	8	Dulzian.....present Sw. Clarinet pipes; present Sw. Cornopean action.....61 pipes
30		Tower Chimes...present bells and action, E to G, #17 to 32 (controlled by "coupler" #80).....16 bells
31		Tremolo

ECHO ORGAN 3
(Enclosed)

32	8	Echo Flute....present pipes and action.....73 pipes
33	8	Viole.....present Muted Violin pipes and action.....73 pipes
34	4	Flute.....from #32.....61 notes
35	4	Viole.....from #33.....61 notes
36	8	Schalmei.....present Sw. Oboe pipes; present Vox Humana action.....61 pipes
37		Chimes.....present tubes and action.....21 tubes
38		Tremolo

* PEDAL ORGAN 3

39	16	Principal.....#1-12 present Open Diapason pipes, #13-56 present Ch. English Open Diapason pipes #1-44; #1-44 present Open Diapason action, #45-56 present inventory action.....56 pipes
40	16	Subbass.....present Bourdon pipes and action.....44 pipes
41	16	Bass Gedackt.....from #21.....32 notes
42	8	Octave.....from #39.....32 notes
43	8	Bassflöte.....from #40.....32 notes
44	8	Gedackt.....from #21.....32 notes
45	4	Choralbass.....from #39.....32 notes
46	4	Gedackt.....from #21.....32 notes
47	IV Rks.	Mixture....48 new pipes; present Ch. Dulciana action #1-12; 20 from #632 notes
48	32	Cornet IV Rks.....from #21, 39 & 4032 notes
49	16	Posaune.....new pipes; present inventory action.....56 pipes
50	8	Trompete.....from #49.....32 notes
51	4	Claironfrom #49.....32 notes

* Pedal Organ playable thru new relay and switches

COUPLERS

52	Great to Pedal	70	Great 16
53	Great to Pedal 4	71	Great Unison Off
54	Swell to Pedal	72	Great 4
55	Swell to Pedal 4	73	Swell 16
56	Choir to Pedal	74	Swell Unison Off
57	Choir to Pedal 4	75	Swell 4
58	Swell to Great 16	76	Choir 16
59	Swell to Great	77	Choir Unison Off
60	Swell to Great 4	78	Choir 4
61	Choir to Great 16	79	Echo to Great
62	Choir to Great	80	Tower Chimes
63	Choir to Great 4		
64	Choir to Swell 16		
65	Choir to Swell		
66	Choir to Swell 4		
67	Swell to Choir 16		
68	Swell to Choir		
69	Swell to Choir 4		

ADJUSTABLE COMBINATIONS

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 (duplicated by toe studs)
Pistons No. 1-2-3-4-5-6	Affecting Full Organ (duplicated by toe studs)
General Cancel (affects Tutti)	

PEDAL MOVEMENTS

Great to Pedal reversible
 Swell to Pedal reversible
 Choir to Pedal reversible
 Tutti reversible (duplicated by manual piston) with indicator light (red jewel)
 Balanced Expression Pedal - Swell Organ (8 contacts, regular system)
 Balanced Expression Pedal - Choir Organ (10 contacts, regular system)
 Balanced Expression Pedal - Echo Organ (8 contacts, regular system)
 Balanced Crescendo Pedal with indicator light (green jewel)

ACCESSORIES

Concave, radiating pedal clavier
 Organ bench with music shelf
 New transparent music rack with light
 New pedal light
 Present motor starter switch
 Present Main and Echo motors and blowers
 Present DC organ power unit