

M. P. MÖLLER Organ Factory

4-77

REVISED October 15, 1976

Pipe Organ No.	R-963	Date	June 14, 1976
For	TRINITY UNITED METHODIST CHURCH, ALBANY, NEW YORK		
Action	Electro-Pneumatic	Console	Chancel - Present Detached Antiph. - New Detached
Casing No.	Present. New for Antiph. Great	Finish	Chancel - No Change Antiph. - To Customer's Sample
Decorations	None	Motor	Chancel & Antiph. Swell - Present Antiph. Great - New
Width of Key-bed	Standard	Stop Controls	Chancel - Draw Knobs & StopKeys Antiph. - Tilting Tablets
No. Manuals	Chancel - Four and Pedal Antiph. - Two and Pedal	Wind Pressure	See Scale Sheets
To be Completed	December 25, 1976	Blower Pipe furnished by	Purchaser

SPECIFICATIONS

FOR

REBUILDING, CHANGING TONALLY & ADDING TO
PRESENT MÖLLER ORGAN OPUS 6070 - 1933₃₂₄₀₂

CONSOLE

Install new Antiphonal two manual, electro-pneumatic, detached tilting tablet console without roll top, pedal keyboard and organ bench.

Reuse present Chancel console, rebuilding same as follows:

- Replace all draw knobs and stop keys.
- Replace all stop and coupler contacts.
- Replace all coupler pneumatics.
- Recover all combination pneumatics.
- Recover all coupler and combination primaries and install new magnet armatures.
- Install new piston rails, combination buttons and springs. (eliminate double touch)
- Install new reversible actions.
- Replace burrs and felt washers on manual keys.
- Refelt console action as required.
- Replace all pedal key caps.
- Refelt pedal keyboard and install new insulating bushings.
- Install new knee panel, crescendo and expression pedals.
- Install new toe studs and terraces.
- Recover console reservoir.
- Recover roll top.
- Clean and polish console cabinet, bench and pedal keyboard.
- Install new music rack and pedal lights.

GREAT ORGAN

- Reuse present lower Great and rear Choir chests and related offsets.
- Remove present shades from Great and Choir.
- Discard present front Choir chest and related offsets.

SWELL ORGAN Reuse present three lower Swell chests and related offsets.

POSITIV ORGAN Reuse present upper Solo chest and related offsets.
Relocate and reuse present upper Swell chest.
Discard present lower Solo chest and related offsets.

PEDAL ORGAN Reuse present upper Great chest adding to present Pedal organ
being retained.

**ANTIPHONAL
SWELL (& PEDAL)
ORGAN** Reuse present Echo pitman, unit, offset and pedal chests
rebuilding same at site.

**ANTIPHONAL
GREAT (& PEDAL)
ORGAN** Install complete new exposed division with case, resonator box
and blower.

MANUAL CHESTS Recover 2190 manual pipe pouches.
Install 2110 stop action checks and eyelets.
Recover seven 61 note and one 32 note primary stations and
install new magnet armatures.
Recover 37 stop action primaries and install new magnet armatures.
Replace 20 duplex shifters.
Recover one 20 note pedal primary.
Recover 100 notes unit action and install new magnet armatures.
Rework and/or install new toeboard/rackboard assemblies as
required for tonal changes.
Install new actions as required for additions.

- AT SITE -

Recover 468 manual pipe pouches.
Install 468 stop action checks and eyelets.
Recover one 61 note primary station and install new magnet armatures.
Recover 4 stop action primaries and install new magnet armatures.
Eliminate one station and contact box.
Recover 232 notes unit action and install new magnet armatures.
Rework and/or install new toeboard/rackboard assemblies as required
for tonal changes.

OFFSET ACTIONS

Recover the following actions and install new magnet armatures:
(Where tonal changes allow, return actions to manual chests.)

Great	16	Violone	24 notes
Great	8	Principal	20 notes
Great	8	Harmonic Flute	6 notes
Great	8	Gemshorn	4 notes
Great	2	Super Octave	12 notes
Swell	16	Rohrbass	12 notes
Swell	8	Spitzflöte	6 notes
Swell	8	Viola	8 notes
Swell	III-IV	Scharf	10 notes
Swell	16	Basson	12 notes
Positiv	8	Cedeckt	12 notes

Provide new action for Great II Cymbal 1-6 incl. and Great III-IV
Furniture 1-12 incl.

- AT SITE -

Ant. Swell	16	Bourdon	12 notes
Ant. Swell	8	Gemshorn	8 notes

CHIMES

- AT SITE -

Recover 25 notes chimes action and install new magnet armatures.

CONTACT BOXES

Recover the following contact boxes and install new silver wire
contact blocks:

Great Organ	61 notes
Swell Organ	61 notes

- AT SITE -

Ant. Swell Organ	61 notes
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SWITCHES

Install new switches with stop actions for the following and as
required for additions:

GREAT ORGAN

16	Violone	61 notes
8	Principal	20 notes
8	Harmonic Flute	6 notes
8	Gemshorn	4 notes
2	Super Octave	12 notes
III-IV	Furniture	12 notes
"A"	Station cutout	61 notes
"B"	Station cutout	61 notes
II	Cymbal	6 notes

SWELL ORGAN

16	Rohrbass	61 notes
8	Spitzflöte	6 notes
8	Viola	8 notes
III-IV	Scharf	10 notes
16	Basson	12 notes
"A"	Station cutout	61 notes
"B"	Station cutout	61 notes
"C"	Station cutout	61 notes
8	Rohrflöte	61 notes

POSITIV ORGAN

8	Gedeckt	12 notes
"A"	Station cutout	61 notes
"B"	Station cutout	61 notes

ANTIPHONAL SWELL ORGAN

16	Bourdon	61 notes
8	Bourdon	61 notes
8	Gemshorn Celeste TC	49 notes
4	Principal	61 notes
2	Principal	61 notes
8	Vox Humana	61 notes
	Chimes	25 notes
	Station cutout	61 notes
8	Gemshorn	8 notes

PEDAL ORGAN

Recover the following actions and install new magnet armatures:

32	Bourdon	9 notes
16	Principal	44 notes
16	Bourdon	44 notes
16	Contra Viola	32 notes
10-2/3	Quint	44 notes
16	Possune	56 notes

Install new 32 note relay with necessary switches.

EXPRESSION

Recover two 12 note and two 10 note expression actions and install new magnet armatures.

Recover 44 shade and bumper pneumatics.

Install 44 new shade jacks and connecting rods.

Refelt shades.

- AT SITE -

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

Recover 8 shade and bumper pneumatics.

Install 8 new shade jacks and connecting rods.

Refelt shades.

RESERVOIRS

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

One 3'-6" x 4'-0" manual
 Two 3'-0" x 4'-0" manual
 One 2'-9" x 4'-0" manual
 One 2'-6" x 4'-0" manual
 Two 2'-0" x 4'-0" manual
 One 2'-0" x 3'-9" manual
 Seven 1'-6" x 2'-0" offset
 One 1'-4" x 1'-9" offset
 Two expression
 Three 3'-0" x 3'-0" blower

- AT SITE -

One 3'-0" x 4'-0" manual
 One 1'-4" x 1'-9" offset
 One expression
 One chimes

TREMOLOS

Install five new electro-pneumatic tremolos.

PIPES

Install the following new pipes:

GREAT ORGAN

8	Principal	61 pipes
4	Octave	61 pipes
2	Super Octave	61 pipes
III-IV	Fourniture	220 pipes
II	Cymbal	122 pipes
8	Trompette	61 pipes

ANTIPHONAL GREAT ORGAN

8	Principal	61 pipes
4	Octave	61 pipes
2	Super Octave	61 pipes
III-IV	Mixture	220 pipes
8	Festival Trumpet (Bronza)	61 pipes

SWELL ORGAN

8	Viola	61 pipes
8	Viola Celeste	49 pipes (#13-61)
4	Principal	61 pipes
2	Waldflöte	61 pipes
II	Sesquialtera TC	98 pipes
III-IV	Scharf	220 pipes
16	Basson (1/2 L)	61 pipes

ANTIPHONAL SWELL ORGAN

PIPES	4	Principal	12 pipes (#62-73)
	II	Sesquialtera TC	98 pipes
	III-IV	Mixture	220 pipes

POSITIV ORGAN

4	Principal	61 pipes
4	Spillflöte	61 pipes
2-2/3	Nazard	61 pipes
2	Octave	61 pipes
1-3/5	Ters	61 pipes
1-1/3	Larigot	61 pipes
III	Zimbel	183 pipes

PEDAL ORGAN

4	Choralbass	32 pipes
2	Blockflöte	32 pipes
IV	Mixture	128 pipes

ANTIPHONAL PEDAL ORGAN

16	Principal	12 pipes
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Revoice all flue and reed pipes being reused.
 Repack all wood pipe stoppers being reused.

CABLES

Reuse present cables and action current wires between present Chancel console and Chancel organ and Chancel DC power unit and Chancel console and organ.

Install new cables and action current wires between Chancel console and Antiphonal Swell organ space.

Install new cables and action current wires as required for Antiphonal organ and console.

ACTION CURRENT

Reuse present 10-15 volts, 50 amperes DC organ power unit in Chancel blower room.
 Install new 10-15 volts, 50 amperes DC organ power unit in Antiphonal Swell blower room.

BLOWERS

Reuse present 15 HP, Style 6 K Special motor and blower without change for Chancel Organ.
 Install new motor-blower coupling leathers.
 Install two new 14" diameter flexible connections with draw bands.

Reuse present 1 HP, Style 3 DXM motor and blower without change for Ant. Swell Organ.
 Install new motor-blower coupling leathers.
 Install new 10" diameter flexible connections with draw bands.

Install new .8 HP Style 1004 Meidinger motor and blower for Ant. Great Organ.

CASE Install new case for Antiphonal Great Organ.

GENERAL All parts specified above to be rebuilt to be returned to the factory of M. P. Moller, Inc. at Hagerstown, Maryland, except Antiphonal Swell which will be rebuilt at site.

All parts of present organ not required to complete this contract become the property of M. P. Moller, Inc.

Church to provide scaffold and remove section of Chancel grilles to allow removal and reinstallation of parts from Chancel Organ.

SPECIFICATIONS
FOR
ORGAN AND CHANCEL CONSOLE

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

GREAT ORGAN - Manual II 14
Unenclosed

1	16	Violone.....#1-12 present Choir 16 Dulciana pipes #1-12, #13-61 present Choir 8 Viola pipes #1-49: present Choir 16 Dulciana action 61 pipes
2	8	Principal.....new pipes; #1-6 present 8 Clarabella action #1-6, #7-61 present 16 Double Open Diapason action #19-73...61 pipes
3	8	Harmonic Flute.....present pipes and action.....61 pipes
4	8	Gemshorn.....present pipes; present Choir 8 Viola action.....61 pipes
5	4	Octave.....new pipes; present action.....61 pipes
6	4	Rohrfifte.....present Choir 4 Rohr Flute pipes & action.....61 pipes
7	2	Super Octave....new pipes; present 8 First Open Diapason action.61 pipes
8	III-IV	Furniture.....new pipes; present 8 Clarabella action.....220 pipes
9	II	Cymbalnew pipes; present 8 Gemshorn action.....122 pipes
10	8	Trompete.....new pipes; present Choir 8 Clarinet action.....61 pipes

3 Blank Draw Knobs

ANTIPHONAL GREAT ORGAN - Manuals II & IV 8
Exposed

11	8	Principalnew pipes and action	61 pipes
12	8	Bourdon from #33	61 notes
13	4	Octave new pipes and action	61 pipes
14	4	Bourdonfrom #33	61 notes
15	2	Super Octavenew pipes and action.....	61 pipes
16	III-IV	Mixturenew pipes and action	220 pipes
17	8	Festival Trumpet (en chamade - bronze resonators) new pipes and action (not affected by any couplers)	61 pipes
		6 Blank Draw Knobs - Manual II	464
		1 Blank Draw Knob - Manual IV	

SWELL ORGAN - Manual III 17
Enclosed

18	16	Rohrbass.....present Bourdon pipes and action.....	73 pipes
19	8	Rohrflöte..... from #18	61 notes
20	8	Spitzflötepresent pipes and action.....	61 pipes
21	8	Violanew pipes; present Geigen Principal action	61 pipes
22	8	Viola Celeste.....#1-12 present Viole D'Orchestre pipes, #13-61 new pipes; present Salicional action.....	61 pipes
23	4	Principal..... new pipes; present action.....	61 pipes
24	4	Flute Traverso....present pipes and action.....	61 pipes
25	2	Waldflöte ...new pipes; present 8 Viole D'Orchestre action.....	61 pipes
26	II	Sesquialtera TC....new pipes; present 8 Vox Celeste TC action.....	98 pipes
27	III-IV	Scharf.....new pipes; present 8 Stopped Diapason action.....	220 pipes
28	16	Bassonnew pipes; present 16 Waldhorn action	61 pipes
29	8	Trompette present Trumpet pipes and action	61 pipes
30	8	Oboe present pipes and action	61 pipes
31	4	Clairon present pipes and action	61 pipes
32		Tremolo 4 Blank Draw Knobs	1001

ANTIPHONAL SWELL ORGAN - Manual IV 12
Enclosed

33	16	Bourdon.....#1-12 present Pedal 16 Echo Bourdon pipes and action, #13-73 present Great-Echo 8 Echo Flute #1-61 pipes and action.....73 pipes
34	8	Bourdon.....from #3361 notes
35	8	Ganzhorn.....present Great-Echo Muted Violin pipes; present Great-Echo Geigen Principal action.....61 pipes
36	8	Ganzhorn Celeste TC....present Great-Echo Muted Violin Celeste TC pipes and action.....49 pipes
37	4	Principal.....present Great-Echo 8 Geigen Principal pipes #13-73, new top octave; present Great-Echo 8 Muted Violin action.....73 pipes
38	2	Principal.....from #37.....61 notes
39	II	Sesquialtera TC....new pipes; present Great-Echo 8 Echo Flute Celeste TC action.....98 pipes
40	III-IV	Mixture.....new pipes; present Great-Echo 8 Vox Angelica action..220 pipes
41	8	Trumpet.....present Great-Echo pipes and action.....61 pipes
42	8	Vox Humana.....present Great-Echo pipes and action.....61 pipes
43	8	Festival Trumpet.....from #17....(not affected by any couplers)..... 61 notes
44		Chimes.....present Deagan "D" tubes and action.....25 tubes
45		Tremolo

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POSITIV ORGAN - Manual I 11
Enclosed

46	8	Gedeckt.....present Solo 8 Clear Flute pipes and action61 pipes
47	4	Principal....new pipes; present Solo 8 Gross Gamba Celeste action.61 pipes
48	4	Spillflöte...new pipes; present Solo 8 Gross Gamba action.....61 pipes
49	2-2/3	Nazard.....new pipes; present Swell IV Dolce Cornet (2-2/3') action.....61 pipes
50	2	Octave.....new pipes; present Swell IV Dolce Cornet (2')action..61 pipes

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POSITIV ORGAN - Manual I
 Enclosed

51	1-3/5	Terz.....new pipes; present Swell IV Dolce Cornet (1-3/5') action..61 pipes	
52	1-1/3	Larigot....new pipes; present Swell IV Dolce Cornet (1-1/3)action..61 pipes	
53	III	Zimbel.....new pipes; present Swell 8 Vox Humana action183 pipes	
54	8	Dulzian ...present Choir 8 Clarinet pipes; present Solo 4 Orchastral Flute action.....61 pipes	
55		Tremolo	671

* PEDAL ORGAN 15

56	32	Contra Bourdon.....#1-3 quinted from #18 and #56; #4-12 present 16 First Open Diapason #1-9 pipes and action; #13-56 present 16 Bourdon pipes and action.....53 pipes	
57	16	Principal.....present Great 16 Double Open Diapason pipes; #1-18 present Great 16 Double Open Diapason action; #19-44 present 16 First Open Diapason action #10-35.....44 pipes	
58	16	Bourdon.....from #56.....32 notes	
59	16	Contra Viola.....present pipes and action.....32 pipes	
60	16	Violonefrom #1.....32 notes	
61	16	Rohrbass.....from #18.....32 notes	
62	10-2/3	Quint.....#1-37 present 16 Violone pipes #8-44, #38-44 present Choir 8 English Open Diapason pipes #33-39; present 16 Violons action44 pipes	
63	8	Octavefrom #5732 notes	
64	8	Bourdonfrom #56.....32 notes	
65	8	Rohrflötefrom #18.....32 notes	
66	5-1/3	Quintfrom #62.....32 notes	
67	4	Choralbass....new pipes; present Great 2-2/3 Octave Quint action...32 pipes	
68	4	Rohrflötefrom #18.....32 notes	
69	2	Blockflöte.....new pipes; present Great 2 Super Octave action....32 pipes	

* PEDAL ORGAN (continued)

70	IV	Grand Harmonics (32')..misc. present pipes; present Great IV Mixture (2' & 1-1/3') action.....128 pipes
71	IV	Mixture.....new pipes; present Great IV Mixture (1' & 2/3') action.....128 pipes
72	16	Posaune.....#1-12 present Trombone pipes and action, #13-56 present Great 8 Tromba pipes #1-44 and action.....56 pipes
73	16	Bassonfrom #2832 notes
74	8	Posaunefrom #72.....32 notes
75	4	Posaunefrom #7232 notes

(*) Pedal Organ playable thru new relay and switches.

* * ANTIPHONAL PEDAL ORGAN

76	16	Principal.....12 new pipes and action; 20 from #11.....32 notes
77	16	Bourdonfrom #3332 notes
78	8	Gedecktfrom #3332 notes
79	5-1/3	Quintfrom #3332 notes

3 Blank Draw Knobs

56,

(**) Ant. Pedal Organ playable thru new relay and switches

COUPLERS

80	Great to Pedal	106	Great to IV
81	Swell to Pedal	107	Swell to IV
82	Swell to Pedal 4	108	Swell to IV 4
83	Positiv to Pedal	109	Great 16
84	Positiv to Pedal 4	110	Great Unison Off
85	Antiphonal Great IV to Pedal	111	Great 4
86	Antiphonal Great IV to Pedal 4	112	Swell 16
87	Antiphonal Great II to Pedal	113	Swell Unison Off
88	Antiphonal Swell to Pedal	114	Swell 4
89	Antiphonal Swell to Pedal 4	115	Positiv 16
90	Swell to Great 16	116	Positiv Unison Off
91	Swell to Great	117	Positiv 4
92	Swell to Great 4	118	Antiphonal Swell 16
93	Positiv to Great 16	119	Antiphonal Swell Unison Off
94	Positiv to Great	120	Antiphonal Swell 4
95	Positiv to Great 4	121	Antiphonal Great IV 16
96	Antiphonal Swell to II 16	122	Antiphonal Great IV Unison Off
97	Antiphonal Swell to II	123	Antiphonal Great IV 4
98	Antiphonal Swell to II 4	124	Antiphonal Great II 16
99	Antiphonal Swell to Swell	125	Antiphonal Great II Unison Off
100	Antiphonal Swell to Swell 4	126	Antiphonal Great II 4
101	Swell to Positiv 16	127	Chancel Organ Off (not affected by combinations)
102	Swell to Positiv		
103	Swell to Positiv 4	128	Antiphonal Organ Off (not affected by combinations)
104	Antiphonal Great IV to Positiv		
105	Antiphonal Great IV to Positiv 4		3 Blank Stop Keys

ADJUSTABLE COMBINATIONS

Pistons No. 1-2-3-4-5-6-7	Affecting Great and Pedal *
Pistons No. 1-2-3-4-5-6-7	Affecting Swell and Pedal *
Pistons No. 1-2-3-4- 5-6-7	Affecting Positiv and Pedal *
Pistons No. 1-2-3-4-5-6-7	Affecting Antiphonal Great IV and Pedal *
Pistons No. 1-2-3	Affecting Antiphonal Great II and Pedal *
Pistons No. 1-2-3-4	Affecting Antiphonal Swell and Pedal *
Pistons No. 1-2-3	Affecting Antiphonal Pedal
Toe Studs No. 1-2-3-4-5-6-7	Affecting Pedal
Pistons No. 1-2-3-4-5-6-7-8	Affecting Full Organ (duplicated by toe studs)
General Cancel (Cancels Tutti and Antiphonal Console combinations)	
Coupler Cancel	

* Provide on-off switch for "and Pedal" combinations cutout.

REVERSIBLES

Great to Pedal - manual piston and toe stud
 Swell to Pedal - manual piston and toe stud
 Positiv to Pedal - manual piston and toe stud
 Antiphonal Great IV to Pedal - manual piston and toe stud
 Tutti - manual piston and toe stud - with indicator light
 16' stops off manuals - toe stud - with indicator light
 All Swells to Swell - toe stud - with indicator light
 Antiphonal Console Off - manual piston - with indicator light

PEDAL MOVEMENTS

Balanced Expression Pedal - Swell Organ - with indicator disc
 Balanced Expression Pedal - Positiv Organ - with indicator disc
 Balanced Expression Pedal - Antiphonal Swell Organ - with indicator disc
 Balanced Crescendo Pedal - Entire organ - with indicator disc

ACCESSORIES

Concave, radiating pedal clavier
 Organ bench with music shelf
 Music rack with light
 Pedal light
 Present Chancel and Antiphonal Swell motors and blowers.
 New Antiphonal Great motor and blower
 New DC organ power unit

SPECIFICATIONS
 FOR
 ANTIPHONAL CONSOLE

GREAT ORGAN - Manual I
 Exposed

1	8	Principal
2	8	Bourdon
3	4	Octave
4	4	Bourdon
5	2	Super Octave
6	III-IV	Mixture
7	8	Festival Trumpet (not affected by any couplers)

SWELL ORGAN - Manual II
 Enclosed

8	16	Bourdon
9	8	Bourdon
10	8	Genshorn
11	8	Genshorn Celeste TC
12	4	Principal
13	2	Principal
14	II	Sesquialtera TC
15	III-IV	Mixture
16	8	Trumpet
17	8	Vox Humana
18	8	Festival Trumpet (not affected by any couplers)
19		Chimes
20		Tremolo

PEDAL ORGAN

21	16	Principal
22	16	Bourdon
23	8	Gedeckt
24	5-1/3	Quint

COUPLERS

25	Great to Pedal
26	Great to Pedal 4
27	Swell to Pedal
28	Swell to Pedal 4
29	Swell to Great 16
30	Swell to Great
31	Swell to Great 4
32	Great Unison Off
33	Great 4
34	Swell 16
35	Swell Unison Off
36	Swell 4

ADJUSTABLE COMBINATIONS

Pistons No. 1-2-3-4-5 Affecting Full Organ
General Cancel (affected by Chancel General Cancel)
Combination Lock

PEDAL MOVEMENTS

Balanced Expression Pedal - Swell Organ
Balanced Crescendo Pedal - Entire Organ - with indicator light (green jewel)

CHANCEL CONSOLE CONTROLS

Pistons No. 1-2-3-4-5-6-7-8 Duplicating Chancel Full Organ pistons
General Cancel Duplicating Chancel General Cancel
All Swells to Antiphonal Swell reversible (toe lever) - with indicator light
Chancel Console Off - manual piston - with indicator light
(These controls to allow playing Chancel Swell, Great and Pedal Organs thru Antiphonal console Swell and Great manuals and pedal keyboard)

ACCESSORIES

Concave, radiating pedal clavier
Organ bench with music shelf
Transparent music rack with light
Pedal light
Chancel and Antiphonal motor starter switches

RVK/ur

7/27/76

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