

M. P. MÖLLER Organ Factory

Revised Dec. 26, 1972

Revised 11/29/72

Revised 6/1/72

3/36

Pipe Organ No. R-865 Date April 20, 1972
 For ST. STEPHEN'S EPISCOPAL CATHEDRAL, HARRISBURG, PENNSYLVANIA
 Action Electro-Pneumatic Console Detached. All Electric
 Casing No. Paneling for exposed divisions Finish To customer's selection
 Decorations No Change Motor New Aux. Blower Present Motor and Blower
 Width of Key-bed Standard Stop Controls Draw Knobs & Tilting Tablets
 No. Manuals THREE AND PEDAL English Keys Gr. 3" Sw. 6" Ch. 4-1/2" Pos. 2-3/4"
4 oz. Touch Wind Pressure Ped. 4-1/2" & 6", Ant. and
 To be Completed March 25, 1973 Blower Pipe furnished by Purchaser Ant. Ped. 5"

SPECIFICATIONS

FOR

RE-ENGINEERING AND REBUILDING PRESENT MOLLER ORGAN OPUS 6532 - 1937

CONSOLE Install new three manual all electric, low profile, no roll top, detached, draw knob type console, pedal keyboard and organ bench.

MANUAL CHESTS Install the following new actions:

Great 8 Principal - 61 notes
 Great 4 Octave - 61 notes
 Great 2 Waldflöte - 61 notes
 Great III-IV Mixture - 61 notes
 Positiv 8 Metal Gedackt - 61 notes
 Positiv 4 Koppelflöte - 61 notes
 Positiv 2 Principal - 61 notes
 Positiv II Sesquialtera TC - 49 notes

Releather 828 manual pipe pouches.
 Install 904 new stop action checks and eyelets.
 Install 44 new duplex shifters.
 Recover 14 stop action primaries.
 Recover two 73 and one 32 note primary stations.
 Recover one 32 note 8 Flute Conique primary.
 Install 222 new magnet plugs and armatures.
 Install new 42 note Pedal Primary to play 16, 8 and 4 Posaune.

SWITCHES Install new electro-pneumatic switches as follows:

Great 8 Principal - #1-12
 Great Chimes #1-25
 Great station cutout - #1-61
 Swell 8 Salicional - #1-12
 Swell 8 Trompette - #1-44
 Swell station cutout - #1-73
 Choir 8 Flute Conique - #1-32
 Processional Diapason - #6-54
 Choir station cutout - #1-73
 Positiv station cutout - #1-61
 Antiphonal Chimes - #1-25
 Antiphonal Pedal 16 Bourdon - #1-32
 Antiphonal Pedal 8 Gedeckt - #1-32
 Antiphonal Pedal 16 Vox Angelica - #1-32

CHIMES

Releather and refelt 25 note chimes action and install new magnet plugs and armatures.
Releather 25 note chimes damper action.
Recover 25 chime pneumatics.
Recover 25 chime damper pneumatics.

PEDAL ORGAN

Install new action for 16 Contre Basse - #1-5 incl.
Install new action for III Mixture - #1-32 incl.
Install new action for 16 Posaune - #1-3 incl.
Releather 32 Bourdon action - #6-56 incl.
Releather 16 Contre Basse action - #6-56 incl.
Releather 16 Flute Conique action - #1-12 incl.
Releather 16 Posaune action - #4-12 incl.
Install new Pedal Relay with necessary switches.

EXPRESSION

Releather one 12 note expression action and install new magnet plugs and armatures.
Releather three 10 note expression actions and install new magnet plugs and armatures.
Releather one 6 note expressive action and install new magnet plugs and armatures.
Recover 48 shade and bumper pneumatics.
Install 48 new shade jacks and connecting rods.
Releather one 5 stage accordian action and install new magnet plugs and armatures.

TREMOLOS

Releather two electro-pneumatic tremolos.

RESERVOIRS

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

One (1) 4'-0" x 5'-0" Blower Reservoir
One (1) 2'-6" x 4'-0" Manual Reservoir
Two (2) 2'-0" x 4'-0" Manual Reservoirs
One (1) 2'-0" x 4'-0" Pedal Reservoir
Two (2) 1'-6" x 2'-0" Pedal Reservoir
Three (3) Shade Reservoirs
One (1) Chime Reservoir
Two (2) Concussion Pneumatics

PIPES

Install the following new pipes: 20

Great 8 Principal - 61 pipes
Great 4 Octave - 61 pipes
Great 2 Waldflöte - 61 pipes
Great III-IV Mixture - 220 pipes
Swell III Scharf - 183 pipes
Swell 8 Trompette - 73 pipes
Positiv 8 Metal Gedackt - 61 pipes
Positiv 4 Koppelflöte - 61 pipes
Positiv 2 Principal - 61 pipes
Positiv II Sesquialtera TC - 98 pipes
Pedal 16 Contre Basse - 56 pipes
Pedal III Mixture - 96 pipes
Pedal 16 Posaune - 12 pipes

PIPES
(continued)

Revoice Choir 8 Clarinet - 73 pipes

Clean and repair all present pipes being reused as required.

Install new toe board/rackboard assemblies as required.

PROCESSIONAL
ORGAN

Tie in existing Processional Diapason without change to new console.

ANTIPHONAL
ORGAN

Tie in existing Antiphonal Organ without change to new console.

CABLES

Existing cables to be reused as far as practical. Supply new plastic covered cables only as required.

Supply new action current wires as required.

BLOWER

New auxiliary blower for Great Organ.

Existing blower to be reused without change for remainder of organ.

ORGAN POWER
UNIT

Existing 75 ampere organ power unit to be reused without change.

PANELING

Supply necessary supports and legs and panelling as required for exposed divisions.

GENERAL

Entire organ with exception of Antiphonal Organ and Processional Diapason to be returned to the factory of M. P. Möller, Inc. at Hagerstown, Maryland for reengineering, tonal changes, and rebuilding as listed above.

* * * * *

SPECIFICATIONS
FOR
CONSOLE AND ORGAN

MANUAL COMPASS

CC to C4, 61 notes

PEDAL COMPASS

CCC to G, 32 notes

WIND PRESSURE

Great 3", Swell 6", Choir 4-1/2", Positiv 2-3/4", Pedal 4 1/2" & 6", Antiphonal & Antiphonal Pedal 5"

PITCH

A-440 @ 70°F

GREAT ORGAN (exposed) Manual II 7

1	8	Principal.....	new pipes; new action.....	61 pipes
2	4	Octave.....	new pipes; new action.....	61 pipes
3	2	Waldflöte.....	new pipes; new action.....	61 pipes
4	III-IV	Mixture.....	new pipes; new action.....	220 pipes
5		Chimes.....	present tubes; present action	
			G to G, #20 to #44 incl.....	25 tubes

SWELL ORGAN - Manual III 9

6	8	Rohrflöte.....	present pipes; present action.....	73 pipes
7	8	Salicional.....	present pipes; present 8 Geigen Principal action.....	73 pipes
8	8	Vox Celeste TC.....	present pipes; present 8 Dolce Flute Celeste TC action.....	61 pipes
9	4	Principal.....	present pipes; present action.....	73 pipes
10	2	Flageolet.....	present pipes; present 4 Flute Triangulaire action.....	61 pipes
11	III	Scharf.....	new pipes; present 4 Clarion action...	183 pipes
12	8	Trompette.....	new pipes; present 8 Trumpet action....	73 pipes
13		Tremolo		

CHOIR ORGAN - Manual I 5

14	8	Flute Conique.....	present Swell 8 Flute Conique pipes; present Great 8 Tromba action.....	73 pipes
15	8	Flute Celeste TC.....	present Swell 8 Dolce Flute Celeste TC pipes; present Great 8 Diapason I action.....	61 pipes
16	4	Flute Triangulaire....	present Swell 4 Flute Triangulaire pipes; present Great 8 Gemshorn action.	73 pipes
17	2-2/3	Nazard.....	present Choir 2-2/3 Lieblich Nazard pipes; present Great 4 Octave action...	61 pipes
18	8	Clarinet.....	present Choir 8 Clarinet pipes; present Great 8 Claribel Flute action..	73 pipes
19		Tremolo		
20		Processional Diapason..	present pipes & action; to be used without change - #6 thru 54.....	49 pipes

ANTIPHONAL ORGAN (*) 5

21	16	Bourdon.....	present pipes; present action.....	97 pipes
22	8	Diapason.....	present pipes; present action.....	73 pipes
23	8	Gedeckt.....	from #21.....	73 notes
24	8	Viole Sourdine.....	present pipes; present action.....	73 pipes
25	8	Viole Celeste TC.....	present pipes; present action.....	61 pipes
26	8	Vox Angelica.....	present pipes; present action.....	73 pipes
27	4	Vox Angelica.....	from #26.....	61 notes
28	4	Flute d'Amour.....	from #21.....	73 notes
29	2-2/3	Nazard.....	from #21.....	61 notes
30	2	Piccolo.....	from #21.....	61 notes
31		Chimes.....	from #5.....	25 notes
32		Tremolo		

(*) Antiphonal Organ to be used without change.

POSITIV ORGAN (exposed) - Manual I 5

33	8	Metal Gedackt.....	new pipes; new action.....	61 pipes
34	4	Koppelflöte.....	new pipes; new action.....	61 pipes
35	2	Principal.....	new pipes; new action.....	61 pipes
36	II	Sesquialtera TC.....	new pipes; new action.....	98 pipes
37		Tremolo		

PEDAL ORGAN (*) 5

38	32	Bourdon.....#1-5 quinted; #6 up present pipes, present action.....51 pipes
39	16	Contre Basse.....new pipes; present 16 Violone action #6-56, new action #1-5.....56 pipes
40	16	Subbass.....from #38.....32 notes
41	16	Flute Conique.....#1-12 present Swell 16 Flute Conique pipes; present Pedal 16 Trombone action, 20 from #14.....32 notes
42	8	Principal.....from #39.....32 notes
43	8	Gedackt.....from #38.....32 notes
44	8	Rohrflöte.....from #6.....32 notes
45	4	Octave.....from #39.....32 notes
46	III	Mixture.....new pipes; new action.....96 pipes
47	16	Posaune.....#1-12 new pipes; new action #1-3 , present 16 Contre Fagotto action #4-12, 20 from #12.....32 notes
48	8	Trompette.....from #12.....32 notes
49	4	Clarion.....from #12.....32 notes

(*) Pedal Organ playable thru new Pedal Relay and Switches.

ANTIPHONAL PEDAL ORGAN (**)

50	16	Bourdon.....from #21.....32 notes
51	16	Vox Angelica.....#1-12 present pipes, present action, #13 up from #26.....32 notes
52	8	Gedeckt.....from #21.....32 notes

(**) Antiphonal Pedal Organ to be used without change

COUPLERS

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

ADJUSTABLE COMBINATIONS

Pistons No. 1-2-3-4-5	Affecting Great Organ
Pistons No. 1-2-3-4-5	Affecting Swell Organ
Pistons No. 1-2-3-4-5	Affecting Choir Organ
Pistons No. 1-2-3-4	Affecting Antiphonal Organ
Pistons No. 1-2-3-4-5	Affecting Positiv Organ
Toe Studs No. 1-2-3-4	Affecting Pedal Organ
Pistons No. 1-2-3-4-5-6-7-8	Affecting Full Organ (Pistons No. 1-2-3-4 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 - Balanced Expression Pedal - Swell Organ (16 contacts, regular system)
- 5 - Balanced Expression Pedal - Choir Organ (32 contacts, regular system)
- 6 - Balanced Expression Pedal - Antiphonal Organ (16 contacts, regular system)
- 7 - Balanced Crescendo Pedal with indicator light (green jewel)
- 8 - Tutti Reversible (duplicated by manual piston) with indicator light (red jewel)
- 9 - 32 Bourdon Reversible (duplicated by manual piston)
- 10 - All Swells to Swell Reversible, toe stud only, with indicator light (white jewel)
- 11 - Chime dampers Off Reversible, toe stud only, with indicator light (amber jewel)

ACCESSORIES

Momentary contact motor starter switch with key switch interruption.

Music rack light

Pedal light

Concave and radiating pedal keyboard

Organ bench with music shelf with back rest

Present blower, motor and organ power unit

New auxiliary Great Organ motor and blower

RHM/mr
5/24/72

RVK/mr
6/1/72 Revised
11/29/72 Revised

WAR/mr
12/26/72 Revised