

M. P. MÖLLER Organ Factory

3/51

Revised June 8, 1972

Revised May 15, 1972

Pipe Organ No. R-861 Date February 29, 1972
 For EMMANUEL UNITED CHURCH OF CHRIST, HANOVER, PENNSYLVANIA No
 Action Electro-Pneumatic Console New Detached-Low Profile Roll Top
 Casing No No Change Finish To Customer's Selection
 Decorations No Change Motor Present motor, blower & organ
 Width of Key-bed Standard Stop Controls Draw Knobs & Tilting Tablets power unit.
 No. Manuals THREE & PEDAL English Keys 4 oz. touch Wind Pressure Ant. Gr. 5" & 6" Sw. 6" Ch. 5-3/4" Ped. 5" & 6"
 To be Completed October 1, 1972 Blower Pipe furnished by Purchaser

SPECIFICATIONS

FOR

REBUILDING WITH TONAL CHANGES PRESENT E. M. SKINNER ORGAN - 1929
 (A/S Rebuild - 1965)

CONSOLE Install new three manual electro-pneumatic detached draw knob type console, pedal keyboard and organ bench.

MANUAL AND
 OFFSET ACTIONS Install the following new actions:

Great 4 Spitzflote - 61 notes
 Great 2 Fifteenth - 61 notes

Releather 2267 manual pipe pouches.
 Releather 818 primary pouches and install new valves.
 Releather 26 double valve stop action primaries.
 Install new tubing for 124 offset manual actions.
 Install 306 new outside type magnets.

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

Great	16 Quintade	-	61 notes
Great	Cutout "A"	-	61 notes
Great	Cutout "B"	-	61 notes
Great	Cutout "C"	-	61 notes
Swell	16 Contre Hautbois	-	73 notes
Swell	8 Hautbois	-	73 notes
Swell	Cutout	-	73 notes
Choir	Cutout "A"	-	61 notes
Choir	Cutout "B"	-	73 notes
Antiphonal	Cutout	-	73 notes
Antiphonal	Chimes	-	25 notes

- CHIMES** Install new 25 note electric chimes action.
- PEDAL ORGAN** Install new 44 note action for 4 Spitzflöte.
Install new 32 note action for III Mixture.
Install new 32 note action for 4 Schalmel.
Releather 16 Contra Bass action #1 to #44 incl. and install new outside type magnets.
Releather 16 Bourdon action #1 to #44 incl. and install new outside type magnets.
Releather 4 Choral Bass action #1 to #32 incl. and install new outside type magnets.
Releather 16 Posaune action #1 to #44 incl. and install new outside type magnets.
Install new 32 note Pedal Relay with seventeen 32 note switches.
- EXPRESSION** Releather three whiffletree expression actions and install new outside type magnets.
- TREMOLO** Recover four pneumatic type tremolos and stop actions and install new outside type magnets.
- RESERVOIR** Recover the following reservoirs and install new curtain valves as required.
One (1) 2'-0" x 3'-0" Blower Reservoir
One (1) 3'-0" x 5'-0" Blower Reservoir
One (1) 2'-0" x 3'-0" Great Manual Reservoir
One (1) 2'-6" x 4'-0" Great Manual Reservoir
One (1) 2'-6" x 4'-0" Swell Manual Reservoir
One (1) 2'-6" x 4'-0" Choir Manual Reservoir
One (1) 2'-6" x 4'-0" Antiphonal Manual Reservoir
One (1) 1'-8" x 2'-6" Pedal Reservoir
One (1) 2'-6" x 4'-0" Pedal Reservoir
Install one (1) new 1'-6" x 2'-6" Pedal Reservoir
- PIPES** Install the following new pipes: 9
- | | | | |
|------------|-----|---------------|------------------------------|
| Great | 8 | Holzgedeckt | - 61 pipes |
| Great | 4 | Spitzflöte | - 61 pipes |
| Great | 2 | Fifteenth | - 61 pipes |
| Great | 4 | Clarion | - 61 pipes |
| Antiphonal | 4 | Chimney Flute | - 12 pipes (top octave only) |
| Pedal | 4 | Spitzflöte | - 44 pipes |
| Pedal | III | Mixture | - 96 pipes |
| Pedal | 16 | Posaune | - 44 pipes |
| Swell | 8 | Viola Celeste | - 37 pipes (#13-#49) |
- Revoice the following Reeds:
- | | | | |
|------------|----|-----------------|------------|
| Great | 8 | Trumpet | - 61 pipes |
| Swell | 16 | Contre Hautbois | - 85 pipes |
| Swell | 8 | Trompette | - 73 pipes |
| Choir | 8 | Clarinet | - 73 pipes |
| Antiphonal | 8 | Trompette | - 73 pipes |
| Antiphonal | 8 | Vox Humana | - 73 pipes |
| Pedal | 4 | Schalmel | - 32 pipes |

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

BLOWER Present motor and blower to be used without change.

ACTION CURRENT Present 10-15 Volt, 30 Ampere Orgelectra organ power unit to be used without change.

GENERAL The parts specified above to be rebuilt to be returned to the factory of M. P. Müller, Inc. at Hagerstown, Maryland for rebuilding as specified.

Only parts involved in rebuilding to be disassembled, the major structure to remain at the church.

Entire organ to be regulated and tone finished in the Church by M. P. Moller, Inc.

SPECIFICATIONS
FOR
CONSOLE AND ORGAN

MANUAL COMPASS CC to C4, 61 notes
PEDAL COMPASS CCC to G, 32 notes
WIND PRESSURE Great 5" & 6", Swell 6", Choir 5-3/4", Antiphonal 5-1/2", Pedal 5" & 6"
PITCH A-440 @ 70°F

GREAT ORGAN (unenclosed) (61 note compass) 12

1	16	Quintade.....	present pipes; present action.....	61 pipes
2	8	Principal.....	present pipes; present action.....	61 pipes
3	8	Holzgedackt.....	new pipes; pres. Clarabella action....	61 pipes
4	4	Octave.....	present pipes; present action.....	61 pipes
5	4	Spitzflöte.....	new pipes; new action.....	61 pipes
6	2	Fifteenth.....	new pipes; new action.....	61 pipes
7	III-IV	Mixture.....	(1-1/3') present pipes; present action.....	226 pipes
* 8	8	Trumpet.....	present pipes; present action.....	61 pipes
* 9	4	Clarion.....	new pipes; pres. Rohrschalmei action..	61 pipes
10		Chimes.....	present Deagan Class "K" tubes; new electric action, transformer, volume control, etc. G to G, #20 to #44 incl.....	25 tubes
11		Reed Tremulant		

(*) Enclosed with Choir Organ.

SWELL ORGAN (73 note compass) 13

12	8	Spitzgedackt.....present	pipes; present action.....73 pipes
13	8	Viola Pomposa.....present	pipes; present action.....73 pipes
14	8	Viola Celeste.....present	pipes; present action.....73 pipes
15	II	Flute Celeste.....present	pipes; present action.....134 pipes
16	4	Prestant.....present	pipes; present action.....73 pipes
17	4	Koppelflöte.....present	pipes; present action.....73 pipes
18	2	Octavin.....present	pipes; present action.....61 pipes
19	III	Mixture..(1').....present	pipes; present action.....183 pipes
20	16	Contre Hautbois...present	pipes; present action.....85 pipes
21	8	Trompette.....present	pipes; present action.....73 pipes
22	8	Mautbois.....from #20.....	73 notes
23	4	Rohrschalmei.....	Draw Knob only
24		Tremulant	

CHOIR ORGAN (73 note compass) 8

25	8	Rohrflöte.....present	pipes; present action.....73 pipes
26	8	Dulciana.....present	pipes; present action.....73 pipes
27	4	Gemshorn.....present	pipes; present action.....73 pipes
28	2-2/3	Nasat.....present	pipes; present action.....61 pipes
29	2	Blockflöte.....present	pipes; present action.....61 pipes
30	1-3/5	Tierce.....present	pipes; present action.....61 pipes
31	1	Sifflöte.....present	pipes; present action.....61 pipes
32	8	Clarinet.....present	pipes; present action.....73 pipes
33		Tremulant	

ANTIIPHONAL ORGAN (73 note compass) 9

34	8	Diapason.....present	pipes; present action.....73 pipes
35	8	Cor D'Nuitpresent	pipes; present action.....73 pipes
36	4	Octave.....present	pipes; present action.....73 pipes
37	4	Chimney Flute.....present	8 Chimney Flute, new top octave; pres. 8 Chimney Flute action.....73 pipes
38	III	Dolce Cornet(2-2/3).....present	pipes; present action.....183 pipes
39	8	Trumpet.....present	pipes; present action.....73 pipes
40	8	Vox Humana.....present	pipes; present action.....73 pipes
41		Chimes.....from #10.....	25 notes
42		Tremulant	

PEDAL ORGAN * 9

43	32	Resultant.....	from #44 and #45.....	32 notes
44	16	Contrebasse.....	present pipes; present action.....	44 pipes
45	16	Bourdon.....	present pipes; present action.....	44 pipes
46	16	Quintade.....	from #1.....	32 notes
47	8	Octave.....	from #44.....	32 notes
48	8	Bourdon.....	from #45.....	32 notes
49	4	Choral Bass.....	present pipes; present action.....	32 pipes
50	4	Spitzflöte.....	new pipes; new action.....	44 pipes
51	2	Spitzflöte.....	from #50.....	32 notes
52	III	Mixture (2').....	new pipes; new action.....	96 pipes
53	IV	Grand Cornet (32').....	from #45.....	32 notes
54	16	Posaune.....	new pipes; present Trombone action....	44 pipes
55	16	Contre Hautbois.....	from #20.....	32 notes
56	8	Posaune.....	from #54.....	32 notes
57		Blank.....	Draw knob only	
58	4	Rohrschalmei.....	present Great Schalmei pipes; new action	32 pipes
59	2	Rohrschalmei.....	Draw knob only	
60		Chimes.....	from #10 G to G, #8 - #32.....	25 notes

(*) Pedal Organ playable thru new Relay and Switches

COUPLERS

61	Great to Pedal	81	Choir to Swell
62	Great to Pedal 4	82	Antiphonal to Swell
63	Swell to Pedal	83	Swell 16
64	Swell to Pedal 4	84	Swell Unison Off
65	Choir to Pedal	85	Swell 4
66	Choir to Pedal 4	86	Great to Choir
67	Antiphonal to Pedal	87	Swell to Choir 16
68	Antiphonal to Pedal 4	88	Swell to Choir
69	Swell to Great 16	89	Swell to Choir 4
70	Swell to Great	90	Antiphonal to Choir 16
71	Swell to Great 4	91	Antiphonal to Choir
72	Choir to Great 16	92	Antiphonal to Choir 4
73	Choir to Great	93	Choir 16
74	Choir to Great 4	94	Choir Unison Off
75	Antiphonal to Great 16	95	Choir 4
76	Antiphonal to Great		
77	Antiphonal to Great 4		
78	Great 16		
79	Great Unison Off		
80	Great 4		

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EMMANUEL UNITED CHURCH OF CHRIST, HANOVER, PENNSYLVANIA

ADJUSTABLE COMBINATIONS Console Capture System

Pistons No. 1-2-3-4-5-6	Affecting Great Stops
Pistons No. 1-2-3-4-5-6	Affecting Swell Stops
Pistons No. 1-2-3-4-5-6	Affecting Choir Stops
Pistons No. 1-2-3-4	Affecting Antiphonal Stops
Toe Studs No. 1-2-3-4-5-6	Affecting Pedal Stops
Pistons No. 1-2-3-4-5-6-7-8	Affecting Full Organ (duplicated by toe studs)

General Cancel (cancels Tutti)
Setter Piston
Divisional cancel tabs

REVERSIBLES

- 1 - Great to Pedal Reversible - toe stud (duplicated by manual piston) *
- 2 - Swell to Pedal Reversible - toe stud (duplicated by manual piston) *
- 3 - Choir to Pedal Reversible - toe stud (duplicated by manual piston) *
- 4 - Antiphonal to Pedal Reversible - toe stud (duplicated by manual piston)*
- 5 - Swell to Great Reversible - manual piston only **
- 6 - Choir to Great Reversible - manual piston only **
- 7 - Antiphonal to Great Reversible - manual piston only **
- 8 - Grand Cornet 32 Reversible - toe stud only
- 9 - Resultant 32 Reversible - toe stud only
- 10 - Tutti Reversible - toe stud (duplicated by manual piston) with indicator light (red jewel) (with cutout for Antiphonal)
- 11 - Zimbelstern preparation - toe stud only

* To cancel corresponding Manual to Pedal 4 Couplers

** To cancel corresponding Manual 16 and 4 Couplers

PEDAL MOVEMENTS

- 1 - Balanced Expression Pedal - Swell Organ (8 contacts, regular system)
- 2 - Balanced Expression Pedal - Choir Organ (8 contacts, regular system)
- 3 - Balanced Expression Pedal - Antiphonal Organ (8 contacts, regular system)
- 4 - Balanced Crescendo Pedal with indicator light (green jewel) (with cutout for (Antiphonal))

ACCESSORIES

Blower motor starter switch (lock type)
Signal light (white jewel) - Choir
Signal light (white jewel) - Sacristry
Signal button - Narthex
Signal button - Sacristry
Music rack light (to be activated by organ on-off switch. (Use Reisner fixture)
Pedal light (to be activated by organ on-off switch)
Concave and radiating pedal keyboard with special sharps. See FSD for size, wood & finish.
Organ bench with music shelf
Present motor, blower and organ power unit
All stops and coupler groups to be numbered starting with #1 in each group.

Revisions: 3/17/72 RHM/mr
5/15/72 RVK/mr
6/8/72 HDO/mr