

M. P. MÖLLER Organ Factory

Slip

4-68

Pipe Organ No. R-652 Date October 7, 1959
 For CENTRAL METHODIST CHURCH, DETROIT, MICHIGAN
 Action Electro-Pneumatic Console Detached
 Casing No. Present Finish To Customer's Selection
 Decorations Present Motor Present Motor & Blower New DC Organ Power Unit
 Width of Key-bed Standard - Tracker Touch Stop Controls Draw Knobs & Tilting Tablets
 No. Manuals Four & Pedal Wind Pressure _____
 To be Completed See Below Blower Pipe furnished by Purchaser

SPECIFICATIONS

FOR

REBUILDING AND ENLARGING PRESENT E. M. SKINNER ORGAN - 1918

CONSOLE Install new four manual electro pneumatic detached draw knob type console, pedal keyboard and organ bench. Install new remote control combination action.

MANUAL CHESTS Releather 2703 manual pipe pouches.
 Releather 11/41 primary pouches and install new valves.
 Install 2709 new stop action checks.
 Install 661 new outside type magnets.
 Releather 43 double valve stop action primaries.
 Install new 21/4 note manual relay.
 Releather all primary stations.

OFFSET CHESTS Releather the following offset actions and install new outside type magnets.

Great 8 Principal	#1 to #17 incl.	17 Notes
Great II - IV Fourniture		17 Notes
Swell 16 Bourdon	#1 to #12 incl.	12 Notes
Swell 8 Principal	#1 to #12 incl.	12 Notes
Swell 8 Open Flute	#1 to #12 incl.	12 Notes
Swell 8 Gedeckt	#1 to #8 incl.	8 Notes
Swell 8 Viole	#1 to #6 incl.	6 Notes
Swell 8 Viole Celeste	#1 to #6 incl.	6 Notes
Swell 8 Aeoline	#1 to #6 incl.	6 Notes
Swell 16 Contra Posaune	#1 to #6 incl.	6 Notes
Swell 4 Clarion	#1 to #14 incl.	14 Notes
Choir 16 Gamba	#1 to #18 incl.	18 Notes
Choir 8 Concert Flute	#1 to #8 incl.	8 Notes
Choir 8 II Kleine Erzähler		10 Notes
Choir II Sesquialtera		10 Notes
Choir II Zimbel		12 Notes
Solo 8 Gamba	#1 to #10 incl.	10 Notes
Solo 8 Gamba Celeste	#1 to #10 incl.	10 Notes
Ant. Swell 8 Principal	#1 to #17 incl.	17 Notes
Ant. Swell 8 Cor de Nuit	#1 to #8 incl.	8 Notes

SWITCHES

Install the following new switches with stop actions wired to new relay:

Great 16 Bourdon - 61 Notes
Great 8 Principal - 17 Notes
Great II - IV Fourniture - 17 Notes
Great Chimes - 25 Notes
Swell 16 Bourdon - 44 Notes
Swell 8 Principal - 12 Notes
Swell 8 Open Flute - 12 Notes
Swell 8 Gedeckt - 8 Notes
Swell 8 Viole - 6 Notes
Swell 8 Viole Celeste - 6 Notes
Swell 8 Aeoline - 6 Notes
Swell 16 Contra Posaune - 32 Notes
Swell 4 Clarion - 14 Notes
Swell Unison - 61 Notes
Swell Unison - 61 Notes
Choir 16 Gamba - 32 Notes
Choir 8 Concert Flute - 8 Notes
Choir 8 II Kleine Erzähler - 10 Notes
Choir II Sesquialtera - 10 Notes
Choir II Zimbel - 6 Notes
Choir 8 Harp TC - 61 Notes
Choir 4 Celesta - 61 Notes
Choir Unison - 61 Notes
Choir Unison - 61 Notes
Solo 8 Gamba - 10 Notes
Solo 8 Gamba Celeste - 10 Notes
Solo 16 Tuba - 61 Notes
Solo 8 Tuba - 61 Notes
Solo 4 Tuba - 61 Notes
Solo Unison - 61 Notes
Ant. Swell 8 Principal - 17 Notes
Ant. Swell 8 Cor de Nuit - 8 Notes

PEDAL ORGAN

Install new action for 4 Open Flute - 44 Pipes
Releather 32 Bourdon action #1 to #12 incl. and install new outside type magnets.
Releather 16 Diapason action #1 to #44 incl. and install new outside type magnets.
Releather 32 Bombarde action #1 to #12 incl. and install new outside type magnets.
Releather all primary stations.
Install new 32 note Pedal Relay with twenty-three 32 note switches.

CHIMES

Install new 25 note electro-pneumatic action.

HARP

Install new 61 note electro-pneumatic action.

Releather Antiphonal 16 Bourdon action #1 to #32 incl. and install new outside type magnets.

EXPRESSION

Releather three whiffletree expression actions.

RESERVOIRS

Recover the following reservoirs -

Four (4) 2'-6" x 4'-0" Manual Reservoirs
One (1) 3'-0" x 5'-0" Manual Reservoir
Four (4) 2'-0" x 3'-0" Pedal Reservoirs
One (1) 2'-6" x 4'-0" Blower Reservoir
One (1) 4'-0" x 4'-0" Blower Reservoir
One (1) 1'-6" x 1'-6" Harp Reservoir
One (1) 1'-8" x 2'-6" Offset Reservoir

TREMOLOS

Releather four pneumatic type tremolos.

PIPES

Install the following new pipes and actions -

Great 2-2/3 Twelfth - 61 pipes and action
Great 2 Fifteenth - 61 pipes and action
Pedal 8 Geigen Principal - 44 pipes and action
Pedal II Rauschquinte - 64 pipes and action
Ant. Great 8 Gedeckt - 61 pipes and action
Ant. Great 8 Gemshorn - 61 pipes and action
Ant. Great 4 Principal - 61 pipes and action
Ant. Great III Mixture - 183 pipes and action
~~Ant. Pedal 16 Bourdon - 12 pipes and action~~

Install the following new pipes on existing actions -

Great 8 Principal - 61 pipes
Great 8 Bourdon - 61 pipes
Great 4 Rohrflöte - 61 pipes
Great II - IV Fourniture - pipes
Swell III Plein Jeu - 183 pipes
Swell 8 Trumpet - 61 pipes
Swell 4 Clarion - 61 pipes
Choir 4 Koppelflöte - 61 pipes
Choir 2 Principal - 61 pipes
Choir II Sesquialtera - 122 pipes
Choir II Zimbel - 122 pipes

Revoice the following existing pipes -

Great 4 Octave - 61 pipes
Swell 8 Principal - 61 pipes
Swell 8 Open Flute - 61 pipes
Swell 4 Octave - 61 pipes
Swell 2 Flautino - 61 pipes
Swell 8 Flügelhorn - 61 pipes
Solo 16 Tuba - 85 pipes
Solo 8 Harmonic Trumpet - 61 pipes
Solo 8 French Horn - 61 pipes
Pedal 4 Open Flute - 44 pipes

CABLES Install new asbestos covered cables between console and organ.

BLOWER Present blower to be used without change.

ACTION CURRENT Install new 10-15 volt, 50 ampere DC organ power unit.

GENERAL The entire organ except heaviest Pedal pipes to be returned to factory of M. P. Moller, Inc. at Hagerstown, Md. for rebuilding and thorough cleaning of all chests and parts as specified above.

SPECIFICATIONS
FOR
CONSOLE AND ORGAN

MANUAL COMPASS CC to Ch, 61 notes
PEDAL COMPASS CCG to G, 32 notes
WIND PRESSURE
PITCH A-440 @ 70°F

GREAT ORGAN (unenclosed) 12
(second manual)

1	16	Bourdon.....	present pipes, present action.....	61 Pipes
2	8	Principal.....	new pipes, present 8 Second Diapason action.....	61 Pipes
3	8	Bourdon.....	new pipes, present 8 Clarabella action.....	61 Pipes
4	8	Erzähler.....	present pipes, present action.....	61 Pipes
5	4	Octave.....	present pipes, present action.....	61 Pipes
6	4	Rohrflöte.....	new pipes, present 4 Flute action.....	61 Pipes
7	2-2/3	Twelfth.....	new pipes, new action.....	61 Pipes
8	2	Fifteenth.....	new pipes, new action.....	61 Pipes
9	II - IV	Furniture.....	new pipes, present 8 First Diapason action.....	196 Pipes
10		Chimes.....	from #52.....	25 Notes
11		Tremulant		

SWELL ORGAN 20
(third manual)

12	16	Bourdon.....	present pipes, present action.....	61 Pipes
13	8	Principal.....	present 8 Second Diapason pipes & action.....	61 Pipes
14	8	Open Flute.....	present 8 Clarabella pipes & action.....	61 Pipes
15	8	Gedeckt.....	present pipes, present action.....	61 Pipes
16	8	Viole.....	present 8 Viol d'Orchestre pipes & action.....	61 Pipes
17	8	Viole Celeste.....	present pipes, present action.....	61 Pipes
18	8	Aeoline.....	present pipes, present action.....	61 Pipes
19	8	Unda Maris TC.....	present pipes, present action.....	49 Pipes
20	4	Octave.....	present pipes, present action.....	61 Pipes
21	4	Flute Ouverte.....	present 4 Flute pipes and action.....	61 Pipes
22	4	Violina.....	present pipes, present action.....	61 Pipes
23	2	Flautino.....	present pipes, present action.....	61 Pipes

SWELL ORGAN (cont'd)
(third manual)

24	III	Plein Jeu.....new pipes, present III Mixture action.....183 Pipes
25	16	Contra Posaune.....present pipes, present action.....61 Pipes
26	8	Trumpet.....new pipes, present 8 Cornopean action.....61 Pipes
27	8	Flügelhorn.....present pipes, present action.....61 Pipes
28	8	Vox Humana.....present pipes, present action.....61 Pipes
29	4	Clarion.....new pipes, present 8 First Diapason action.....61 Pipes
30		Tremulant

16
13
4

CHOIR ORGAN 13
(first manual)

31	16	Gambe.....present pipes, present action.....61 Pipes
32	8	Quintadena.....present pipes, present action.....61 Pipes
33	8	Concert Flute.....present pipes, present action.....61 Pipes
34	8	II Kleine Erzähler.....present pipes, present action.....110 Pipes
35	4	Koppelflöte.....new pipes, present 4 Flute action.....61 Pipes
36	2	Principal.....new pipes, present 2 Piccolo action.....61 Pipes
37	II	Sesquialtera.....new pipes, present 8 Diapason action.....122 Pipes
38	II	Zimbel.....new pipes, present 8 II Dulcet action.....122 Pipes
39	8	Clarinet.....present pipes, present action.....61 Pipes
40	8	English Horn.....present pipes, present action.....61 Pipes
41	8	Harp TC.....present bars, new action.....61 Bars
42	4	Celesta.....from #41.....61 Notes
43		Tremulant

16
13
4

SOLO ORGAN 6
(fourth manual)

44	8	Gamba.....present pipes, present action.....61 Pipes
45	8	Gamba Celeste.....present pipes, present action.....61 Pipes
46	16	Tuba.....present pipes, present action.....85 Pipes
47	8	Harmonic Trumpet....present 8 Tuba Mirabilis pipes & action.....61 Pipes
48	8	French Horn.....present pipes, present action.....61 Pipes
49	8	Orchestra/Oboe.....present pipes, present action.....61 Pipes
50	8	Tuba.....from #46.....61 Notes
51	4	Tuba.....from #46.....61 Notes
52		Chimes.....present tubes, new action.....25 Tubes
53		Tremulant

16
13
4

PEDAL ORGAN * 5

54	32	Diapason (Syn).....from #55 & #56.....32 Notes
55	32	Bourdon.....12 present pipes, present action, 20 from #1.....32 Notes
56	16	Diapason.....12 present pipes, present action, 32 present.... Great 8 Philomela pipes, 32 present Great 8 Philomela action 44 Pi
57	16	Bourdon.....from #1.....32 Notes
58	16	Gedeckt.....from #12.....32 Notes
59	16	Gambe.....from #31.....32 Notes
60	8	Geigen Principal....new pipes, new action.....44 Pipes

PEDAL ORGAN *

61	8	Octave.....	from #56.....	32	Notes
62	8	Bourdon.....	from #1.....	32	Notes
63	8	Gedeckt.....	from #12.....	32	Notes
64	8	Gamba.....	from # 44 44.....	32	Notes
65	4	Geigen Octave.....	from #60.....	32	Notes
66	4	Open Flute.....	present Great 8 Clarabella pipes, new action.....	44	Pipes
67	2	Open Flute.....	from #66.....	32	Notes
68	II	Rauschquinte.....	new pipes, new action.....	64	Pipes
69	32	Bombarde.....	12 present pipes, present action 20 from #46.....	32	Notes
70	16	Tuba.....	from #46.....	32	Notes
71	16	Posaune.....	from #25.....	32	Notes
72	8	Harmonic Trumpet.....	from #47.....	32	Notes
73	8	Tuba.....	from #46.....	32	Notes
74	4	Tuba.....	from #46.....	32	Notes
75		Chimes.....	from #52.....	32	Notes

(*) Pedal Organ playable thru relay

ANTIPHONAL GREAT ORGAN (unenclosed & exposed) 6 (second manual)

76	8	Gedeckt.....	new pipes, new action.....	61	Pipes
77	8	Gemshorn.....	new pipes, new action.....	61	Pipes
78	4	Principal.....	new pipes, new action.....	61	Pipes
79	III	Mixture.....	new pipes, new action.....	183	Pipes
80		Tremulant			

ANTIPHONAL SWELL ORGAN 5 (third manual)

81	8	Principal.....	present Echo 8 Diapason pipes & action.....	61	Pipes
82	8	Cor de Nuit.....	present Echo 8 Cor de Nuit pipes & action.....	61	Pipes
83	8	Flute Celeste TC.....	present Echo 8 Flute Celeste pipes & action.....	49	Pipes
84	8	Trumpet.....	present Echo 8 Tromba pipe and action.....	61	Pipes
85	8	Vox Humana.....	present Echo 8 Vox Humana pipes and action.....	61	Pipes
86		Tremulant			

ANTIPHONAL PEDAL ORGAN 1

87	16	Bourdon.....	12 new pipes, new action, 20 from #76 <i>Present pipes, present action</i>	32	Notes <i>Pipes</i>
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INTRA MANUAL COUPLERS

(by draw knobs with their respective divisions)

88	Great Unison Off	96	Solo 16
89	Great 4	97	Solo Unison Off
90	Swell 16	98	Solo 4
91	Swell Unison Off	99	Antiphonal Great Unison Off
92	Swell 4	100	Antiphonal Swell Unison Off
93	Choir 16		
94	Choir Unison Off		
95	Choir 4		

INNER MANUAL COUPLERS
(by tilting tablets above Solo Manual)

101	Great to Pedal	116	Solo to Great 16
102	Swell to Pedal	117	Solo to Great
103	Swell to Pedal 4	118	Solo to Great 4
104	Choir to Pedal	119	Great to Swell
105	Choir to Pedal 4	120	Solo to Swell
106	Solo to Pedal	121	Great to Choir
107	Solo to Pedal 4	122	Swell to Choir 16
108	Antiphonal Great to Pedal	123	Swell to Choir
109	Antiphonal Swell to Pedal	124	Swell to Choir 4
110	Swell to Great 16	125	Solo to Choir
111	Swell to Great	126	Great to Solo
112	Swell to Great 4	127	Swell to Solo
113	Choir to Great 16	128 (*)	Main Organ Off
114	Choir to Great	129 (*)	Antiphonal Organ Off
115	Choir to Great 4		

(*) Not affected by pistons

Note: Antiphonal Great and Antiphonal Swell stops to be affected by couplers of main organ

~~Note: Antiphonal Organ stops to be affected by main organ couplers except~~

~~Antiphonal Unison Off switches~~

Great and Swell divisions, except Unison Off switches, of which there is one each for Antiphonal Great and Antiphonal Swell.

ADJUSTABLE COMBINATIONS

(operated by remote control combination action)

Pistons No. 1-2-3-4-5-6	Affecting Great Organ stops
Pistons No. 1-2-3-4-5-6-7-8	Affecting Swell Organ stops
Pistons No. 1-2-3-4-5-6	Affecting Choir Organ stops
Pistons No. 1-2-3-4-5-6	Affecting Solo Organ stops
Pistons No. 1-2-3-4-5-6	Affecting Pedal stops (duplicated by toe studs)
Pistons No. 1-2-3-4	Affecting Antiphonal Great Organ stops
Pistons No. 1-2-3-4	Affecting Antiphonal Swell Organ stops
Pistons No. 1-2-3-4-5-6-7-8-9-10-11-12	Generals, Affecting Full Organ (duplicated by toe studs)
General Cancel Piston	
Combination Adjustor Piston (located at extreme left under Choir manual)	
Combination Lock	

(*) General piston toe studs to be numbered from left to right

REVERSIBLES

- 1 - Great to Pedal Reversible (duplicated by toe lever)
- 2 - Swell to Pedal Reversible (duplicated by toe stud)
- 3 - Choir to Pedal Reversible (duplicated by toe stud)
- 4 - Solo to Pedal Reversible (duplicated by toe stud)
- 5 - Swell to Great Reversible (manual piston only)
- 6 - Tutti Reversible (duplicated by toe stud) with indicator light (red jewel)
- 7 - Master Expression Reversible (duplicated by toe stud) with indicator light (white jewel)
- 8 - 32's Silent (manual piston only) with indicator light (white jewel)

PEDAL MOVEMENTS

- 1 - Balanced Expression Pedal for Swell Organ
- 2 - Balanced Expression Pedal for Choir Organ
- 3 - Balanced Expression Pedal for Solo Organ
- 4 - Balanced Expression Pedal for Antiphonal Swell Organ
- 5 - Balanced Crescendo Pedal with indicator light (green jewel)

ACCESSORIES

Main - Both - Antiphonal switch in right Swell cheek
Main - Both - Antiphonal switch in right Great cheek

Adjustable organ bench ~~with back~~ ~~with back~~

Concave and radiating pedal keyboard

Plexiglas music rack with fluorescent light (*)

Pedal light (*)

(*) Console lights to turn on when organ motor is started.

English Keys with tracker touch. Inclined upper manuals.
Roll top on console.

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DELIVERY SCHEDULE

Phase I - to be completed by Easter 1960 consisting of the following:

- (1) New console and remote control combination action.
- (2) New Great II - IV Furniture - pipes on present Great 8 First Diapason action. Supply new top boards - rack board assembly.
- (3) Revoice Great 4 Octave - 61 pipes.
- (4) Rebuild and revoice Solo 8 Harmonic Trumpet - 61 pipes.

Phase II - to be completed by August 31, 1961 consisting of balance of rebuilding contract not covered by Phase I listed above.

11/3/59
HDO/mb