

M. P. MÖLLER Organ Factory

4-46+6

Revised July 13, 1973
November 2, 1972

Pipe Organ No. R-851 Date November 2, 1972

For THE UNITED METHODIST CHURCH, KENT, OHIO

Action Electro-Pneumatic Console Movable - No roll top

Casing No. None Finish To customer's sample

Decorations None Motor New motor and blower

Width of Key-bed Standard Stop Controls Draw Knobs & Tilting Tablets

No. Manuals FOUR & PEDAL Level Manuals 4 oz. Key Touch Wind Pressure Gr. 4", Sw. 4", Ch. 4" 4 7" Pos. 4"

To be Completed March 15, 1974 Blower Pipe furnished by Purchaser Ped. 4" 4 7"

SPECIFICATIONS

FOR

REBUILDING, CHANGING TONALLY, AND ADDING TO CASAVANT ORGANS OWNED BY BUILDER
(Opus 1993 - 1950 and PURCHASER (Opus 2234 - 1954)
Christ Erzing Lth R04

CONSOLE Install new 4 manual electro-pneumatic draw knob type console, pedal keyboard and organ bench.

MANUAL CHESTS Replace 1907 manual pipe pouches.
Replace 1907 new pitman stop action checks.
Rebuild 28 stop action primaries and install new outside type magnets.
Rebuild two 61 and two 68 note primary stations and install new outside type magnets.
Rebuild Swell 8 Rohrflöte 20 note primary and install new outside type magnets.
Rebuild Choir 8 Melodia 20 note primary and install new outside type magnets.

OFFSET AND UNIT ACTIONS Rebuild the following actions and install new outside type magnets:

Great	8	Principal	-	12 notes
Swell	III	Scharf	-	12 notes
Choir	4	Trichter Regal	-	12 notes
Positiv	III	Zimbel	-	12 notes

Install the following new actions:

Great	16	Quintaton	-	68 notes
Great	8	Trumpet	-	68 notes
Swell	16	Dulzian	-	80 notes
Choir	8	Bombarde	-	61 notes

CHIMES Reuse present chime tubes and action without change.

RELAYS

Install new 68 note relay for Great Organ.
 Install new 68 note relay for Swell Organ.
 Install new 61 note relay for Choir Organ.

SWITCHES

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

Great	16	Quintaton	-	68 notes
Great	8	Principal	-	12 notes
Great	8	Trumpet	-	68 notes
Great	8	Bombarde	-	61 notes
Great Station Cutout			-	68 notes
Swell	8	Rohrflöte	-	20 notes
Swell	III	Scharf	-	12 notes
Swell	16	Dulzian	-	68 notes
Swell	8	Dulzian	-	68 notes
Swell Station Cutout			-	68 notes
Choir	8	Melodia	-	20 notes
Choir	8	Bombarde	-	61 notes
Choir	4	Trichter Regal	-	12 notes
Choir Station Cutout			-	61 notes
Positiv	III	Zimbel	-	12 notes
Positiv Station Cutout			-	61 notes

PEDAL ORGAN

Rebuild the following actions and install new outside type magnets:

16	Contrabasse	44 notes
16	Subbass	44 notes
16	Gedeckt	12 notes
8	Principal	44 notes
8	Bourdon	44 notes

Install the following new actions:

II	Rauschquinte	44 notes
16	Contre Bombarde	12 notes

Install new Pedal Relay and necessary switches.

EXPRESSION

Rework present and provide new swell box, shades and action as required.

RESERVOIRS

Recover existing reservoirs and install new curtain valves as required:

~~Four 3'-0" x 4'-0" manual~~ *Five Manual Reservoirs*
~~Eight pedal and offset~~ *Five Pedal & Offset Reservoirs*

Install new ~~4'-0"~~ ^{3'-6"} x ~~4'-0"~~ ^{3'-6"} blower reservoir.

TREMOLO

Recondition four electro-pneumatic tremolos.

PIPES

Install the following new pipes:

Great	16	Quintaton	68 pipes
Great	8	Principal	68 pipes
Great	8	Metal Gedeckt	68 pipes
Great	4	Octave	68 pipes
Great	4	Spitzflöte	68 pipes
Great	2	Waldflöte	61 pipes
Great	IV	Fourniture	244 pipes
Great	8	Trumpet	7 pipes
Swell	III	Scharf	183 pipes
Swell	16	Dulzian	80 pipes
Choir	8	Erzähler	61 pipes
Choir	8	Bombarde	61 pipes
Choir	8	Cromorne	61 pipes
Choir	4	Trichter Regal	61 pipes
Positiv	4	Spitzprincipal	61 pipes
Positiv	III	Zimbel	183 pipes
Pedal	4	Bourdon	12 pipes
Pedal	II	Rauschquinte	88 pipes
Pedal	16	Contre Bombarde	12 pipes

Revoice the following present reeds:

Great	8	Trumpet	61 pipes
Swell	8	Hautbois	68 pipes

Repack stoppers of present wood pipes.

Thoroughly clean, repair and revoice as necessary all pipes being reused.

CABLES

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

ACTION CURRENT

Install new 10-15 Volts, 50 Amperes DC organ power unit.

BLOWER

Install new 7-1/2 H.P., Style 3-P-3330 motor and blower.

GENERAL

Casavant organ presently owned by the purchaser to be returned to the factory of M. P. Möller, Inc. at Hagerstown, Maryland for rebuilding as specified above along with Casavant organ owned by the builder for installation in a new building constructed by the purchaser.

New actions, pipes or parts specified above shall be manufactured by M. P. Möller, Inc.

Parts of present organ not required to complete this organ to become the property of M. P. Möller, Inc.

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SPCIFICATIONS
FOR
CONSOLE AND ORGAN

MANUAL COMPASS
PEDAL COMPASS
WIND PRESSURE
PITCH

CC to C4, 61 notes

CCC to G, 32 notes

Gr. 4", Sw. 4", Ch. 4" x 7", Pos. 4", Ped. 4" x 7"

A-440 @ 70 F

GREAT ORGAN - Manual II ||
Unenclosed

1	16	Quintaton.....new pipes; new action.....68 pipes
2	8	Principal.....new pipes; present 8 Open Diapason action.....68 pipes
3	8	Metal Gedeckt.....new pipes; present 8 Chimney Flute action.....68 pipes
4	4	Octave.....new pipes; present action.....68 pipes
5	4	Spitzflöte.....new pipes; present 4 Koppelflöte action.....68 pipes
6	2	Waldflöte.....new pipes; present 2 Super Octave action.....61 pipes
7	IV	Fourniture.....new pipes; present 8 Erzähler and 2-2/3 Quint actions.....244 pipes
8	8	Bombarde.....from #2961 notes
9	8	Trumpet.....present pipes #1-61, new pipes #62-68; new action.....68 pipes
10		Tremolo

16
60
4

SWELL ORGAN - Manual III 13
Enclosed

11	8	Rohrflöte.....	present 8 Chimney Flute pipes; present 8 Stopped Diapason action.....	68 pipes
12	8	Salicional.....	present pipes; present action.....	68 pipes
13	8	Voix Celeste.....	present pipes; present action.....	68 pipes
14	4	Geigen.....	present pipes; present action.....	68 pipes
15	4	Flauto Traverso.....	present pipes; present action.....	68 pipes
16	2-2/3	Nazard.....	present Cornet pipes; present Cornet action.....	61 pipes
17	2	Octavin.....	present Cornet pipes; present Cornet action.....	61 pipes
18	1-3/5	Tierce.....	present Cornet pipes; present Cornet action.....	61 pipes
19	III	Scharf.....	new pipes; present 8 Geigen Principal action.....	183 pipes
20	16	Dulzian	new pipes; new action.....	80 pipes
21	8	Hautbois.....	present 8 Oboe pipes; present 8 Trompette action.....	68 pipes
22	8	Dulzian.....	from #20.....	68 notes
23		Tremolo		

16
60
4

CHOIR ORGAN - Manual I 8
Enclosed

24	8	Melodia.....	present pipes, present 8 Stopped Diapason action.....	61 pipes
25	8	Erzahler.....	new pipes; present 8 Viola da Gamba action.....	61 pipes
26	8	Erzahler Celeste GG..	present 8 Voix Celeste GG pipes; present 8 Voix Celeste GG action.....	54 pipes
27	4	Flute.....	present pipes; present 4 Gemshorn action.....	61 pipes
28	2	Gemshorn.....	present 4 Gemshorn pipes #13 to #61, new top octave; present 8 Aeoline action	61 pipes
29	8	Bombarde.....	new pipes; new action	61 pipes
30	8	Cromorne.....	new pipes; present 8 Oboe action.....	61 pipes
31	4	Trichter Regal.....	new pipes; present 8 Open Diapason action.....	61 pipes
32		Tremolo		

16
60
4

POSITIV ORGAN - Manual IV 8
Unenclosed

33	8	Holzgedeckt.....	present 8 Stopped Diapason pipes; present 8 Melodia action.....	61 pipes
34	4	Spitzprincipal.....	new pipes; present 4 Octave action.....	61 pipes
35	4	Koppelflöte.....	present 4 Lieblichflöte pipes; present 4 Lieblichflöte action.....	61 pipes
36	2	Octava.....	present pipes; present action.....	61 pipes
37	1-1/3	Larigot.....	present pipes; present 8 Dulciana action..	61 pipes
38	III	Zimbel.....	new pipes; present 8 Open Diapason action.....	183 pipes
39		Chimes.....	present Maas tubes & action, G to G, #20 to 44.....	25 tubes
40		Tremolo		

UO

ANTIPHONAL ORGAN - Manual IV +6
Exposed

41	8	Rohrflöte.....	console only	
42	4	Spitzprincipal.....	console only	
43	2	Blockflöte.....	console only	
44	III	Mixture.....	console only	
44A		Chimes.....	present Maas tubes & action; UO Chimes (CU)	44a. Chimes...Reuse present Maas tubes, action, action relay, volume control switch & volume control transformer provide new volume control transformer tubes, provide new volume control relay G to G, #20 to #44 25 tubes
45	16	Rohrbass.....	console only	

ANTIPHONAL PEDAL ORGAN

PEDAL ORGAN 6

46	32	Resultant.....	from #48.....	32 notes
47	16	Contrebasse.....	present pipes; present action.....	44 pipes
48	16	Subbass.....	present pipes; present action.....	44 pipes
49	16	Gedeckt.....	#1 to 12 present pipes; present action; 20 from #24.....	32 notes
50	16	Quintaton.....	from #1.....	32 notes
51	10-2/3	Quint.....	from #48.....	32 notes
52	8	Principal.....	present 8 Violone pipes; present 8 Violone action.....	44 pipes
53	8	Geigen.....	from #47.....	32 notes
54	8	Bourdon.....	#1-32 present pipes; #33-44 new pipes; present 16 Bourdon action.....	44 pipes
55	8	Quintaton.....	from #1.....	32 notes
56	4	Octave.....	from #52.....	32 notes
57	4	Bourdon.....	from #54.....	32 notes
58	II	Rauschquinte.....	new pipes; new action.....	88 pipes
59	II	Acuta.....	from #58.....	32 notes
60	32	Grande Cornet.....	from #48.....	32 notes
61	16	Contre Bombarde (S/L) 3 Open Diapason	#1 to 12 new pipes, new action 20 from #24 action 20 from #9	32 notes
62	16	Dulzian.....	from #20.....	32 notes
63	8	Bombarde.....	from #20.....	32 notes
64	4	Clairon.....	from #20.....	32 notes

Claron

COUPLERS

65	Great to Pedal	81	Great 16
66	Swell to Pedal	82	Great Unison Off
67	Swell to Pedal 4	83	Great 4
68	Choir to Pedal	84	Swell 16
69	Choir to Pedal 4	85	Swell Unison Off
70	Positiv to Pedal	86	Swell 4
71	Antiphonal to Pedal	87	Swell to Choir 16
72	Swell to Great 16	88	Swell to Choir
73	Swell to Great	89	Swell to Choir 4
74	Swell to Great 4	90	Choir 16
75	Choir to Great 16	91	Choir Unison Off
76	Choir to Great	92	Choir 4
77	Choir to Great 4	93	Positiv Unison Off
78	Positiv to Great	94	Positiv to Swell
79	Antiphonal to Great 16	95	Positiv to Choir
80	Antiphonal to Great	96	Antiphonal Unison Off
		97	Antiphonal to Choir

ADJUSTABLE COMBINATIONSCapture System

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

General Cancel
 Adjustor Piston
 Divisional Cancel Tabs
 Combination Lock

REVERSIBLES

Great to Pedal - manual piston and toe lever
 Swell to Pedal - manual piston and toe lever (*)
 Choir to Pedal - manual piston and toe lever (*)
 Positiv to Pedal - manual piston and toe lever
 Sforzando - manual piston and toe stud, with indicator light (red jewel)
 Zimbelstern - manual piston and toe stud - 4 bells

(*) To affect corresponding Manual to Pedal 4 couplers in off movement.

PEDAL MOVEMENTS

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

ACCESSORIES

Concave, radiating pedal clavier
Organ bench with music shelf
Transparent plastic music rack with light
Pedal light
Momentary contact starter switch with key switch interruption
Electric clock, digital with seconds indication
Movable platform for console
New motor, blower and DC organ power unit
Signal light and button labelled "Minister"
Signal light and button labelled "Usher"

RVK/mr
6/5/73
Revised GMF/mr
7/13/73