

M. P. MÖLLER Organ Factory

3/56

Pipe Organ No. R-732 Date April 29, 1964 Revised June 21, 1965
 For CENTRAL METHODIST CHURCH, MUSKEGON, MICHIGAN
 Action Electro-Pneumatic Console Detached - no roll top
 Casing No. Enclosures for displayed chests by MPM Finish To customer's selection
 Decorations No Change Motor Present motor & blower. New DC Organ Power Unit
 Width of Key-bed Standard Stop Controls Draw Knobs & Tilting Tablets
 No. Manuals Three & Pedal - English Keys - Tracker touch Wind Pressure Gr 3-1/2"; Sw & Ch 4"; Antiphonal 6"; Pedal 3-1/2", 5" & 7"
 To be Completed October 1, 1965 Blower Pipe furnished by Purchaser

SPECIFICATIONS FOR

REBUILDING PRESENT MOLLER ORGAN OPUS 5634 - 1929

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

GREAT ORGAN Install complete new unenclosed and exposed Great Organ I and Great Organ II divisions as specified.

MANUAL CHESTS Releather 1612 manual pipe pouches.
 Install 2134 new stop action checks and eyelets.
 Install 522 new duplex shifters.
 Releather 38 stop action primaries and install new magnet plugs and armatures in present magnets.
 Releather five 61 note primary stations and install new magnet plugs and armatures in present magnets.
 Extend pedal primary for 16 Bombarde an additional 12 notes.

OFFSET ACTIONS Releather the following offset actions and install new magnet plugs and armatures in present magnets:

Swell	16 Rohrgedeckt	12 Notes
Swell	4 Clarion	73 Notes
Choir	16 Gemshorn	12 Notes
Choir	8 Viola Celeste	6 Notes
Choir	8 Bombarde	85 Notes
Choir	4 Fugara	73 Notes

Top Octave Bar Chests for top octaves of the following:

Swell	16 Rohrgedeckt
Swell	8 Gambe
Swell	8 Gambe Celeste TC
Swell	16 Fagot
Swell	8 Trompette
Swell	8 Oboe
Choir	16 Gemshorn
Choir	8 Viola Pomposa
Choir	8 Viola Celeste
Choir	8 Gemshorn Celeste TC
Choir	1-1/3 Larigot
Choir	8 Clarinet

CONTACT BOXES Releather present Swell 73 note Contact Box and install new silver wire contact blocks.
 Releather three present Choir 73 note Contact Boxes and install new silver wire contact blocks.

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

Great		Station "A" cutout switch	61 Notes
Great		Station "B" cutout switch	61 Notes
Swell	16	Rohrgedeckt	73 Notes
Swell	8	Rohrflöte	73 Notes
Swell	16	Fagot	8 Notes
Swell	4	Clarion	73 Notes
Swell		Station "A" cutout switch	73 Notes
Swell		Station "B" cutout switch	73 Notes
Choir	16	Gemshorn	73 Notes
Choir	8	Gedeckt	73 Notes
Choir	8	Viola Celeste	12 Notes
Choir	8	Gemshorn	73 Notes
Choir	4	Fugara	73 Notes
Choir	4	Gedeckt	73 Notes
Choir	2	Prinzipal	61 Notes
Choir		Harp	49 Notes
Choir		Station "A" cutout switch	73 Notes
Choir		Station "B" cutout switch	73 Notes
Antiphonal		Chimes	25 Notes

HARP Releather and recondition action as required.

CHIMES Releather and recondition action as required.

CYMBELSTERN Install new mechanism in organ.

PEDAL ORGAN Install new action for 16 Contra Bass - #1 to #56 incl.
 Install new action for III Mixture
 Releather 32 Untersatz action #1 to #44 incl. and install new magnet plugs and armatures in present magnets.
 Releather 16 Bombarde action #1 to #12 incl. and install new magnet plugs and armatures in present magnets.
 Install new 32 note Pedal Relay with sufficient new 32 note switches.

EXPRESSION Releather 32 individual expression actions and install new magnet plugs and armatures in present magnets.
 Recover 32 shade and bumper pneumatics.
 Install 32 new shade jacks and connecting rods.

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

One (1) 2'-0" x 4'-0" Manual Reservoir
 Two (2) 3'-0" x 4'-0" Manual Reservoirs
 One (1) 14" x 16" Cone Valve Reservoir
 Shade Reservoirs
 Chime Reservoir
 Harp Reservoir
 Misc. Pneumatic Reservoirs, Concussions and other reservoirs not listed above.

TREMOLOS

Install three new electro-pneumatic tremolos.

PIPES

Install the following new pipes: ³⁴

Great I	8	Principal	61 Pipes
Great I	4	Octave	61 Pipes
Great I	IV	Fourniture	244 Pipes
Great I	16	Sordun	73 Pipes
Great II	16	Quintade	61 Pipes
Great II	8	Bourdon	61 Pipes
Great II	4	Koppelflöte	61 Pipes
Great II	2	Doublette	61 Pipes
Great II	III	Scharf	183 Pipes
Swell	8	Gambe	73 Pipes
Swell	8	Gambe Celeste TC	61 Pipes
Swell	16	Fagot (half length)	73 Pipes
Swell	8	Trompette	73 Pipes
Swell	4	Clarion	73 Pipes
Choir	8	Viola Pomposa	73 Pipes
Choir	8	Gedeckt	85 Pipes
Choir	8	Viola Celeste	73 Pipes
Choir	8	Gemshorn	73 Pipes
Choir	4	Fugara	73 Pipes
Choir	1-1/3	Larigot	61 Pipes
Choir	II	Sesquialtera	122 Pipes
Choir	II	Zimbel	122 Pipes
Choir	8	Bombarde	73 Pipes
Pedal	32	Untersatz	2 Pipes (#1 & #2 only)
Pedal	16	Contra Bass	56 Pipes
Pedal	III	Mixture	120 Pipes
Pedal	16	Bombarde	12 Pipes

Revoice the following pipes:

Choir	16	Gemshorn - 12 Pipes (present Pedal 16 Viola)
Choir	8	Gemshorn Celeste TC - 61 pipes (present Choir 8 Unda Maris)
Antiphonal	4	Weitprinzipal - 73 pipes (present Great 4 Principal)
Antiphonal	8	Trompette - 61 Pipes (present Swell 8 Trumpet)
Antiphonal	8	Vox Humana - 61 pipes
Pedal	32	Untersatz - #2 to #44 incl - 42 pipes (present Pedal 16 Double Open Diapason pipes, reworked and capped)

Install modern type tuner slides as required.

CABLES

Install new plastic covered cables as required for new organ divisions. Balance of organ cables to be used without change.

BLOWER

Present blower and motor to be used without change.
Install new leather couplings.
Install new flexible rubber connection.

ACTION CURRENT

Install new 75 ampere orgelectra organ power unit.

GENERAL

Entire organ to be returned to factory of M. P. M., Inc. at Hagerstown, Md. for rebuilding and enlarging as specified above.

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SPECIFICATIONS
FOR
CONSOLE AND ORGAN

MANUAL COMPASS
PEDAL COMPASS
WIND PRESSURE
PITCH

CC to Ch, 61 Notes
CCC to G, 32 Notes
Gr 3-1/2"; Sw & Ch 4"; Antiphonal 6"; Pedal 3-1/2", 5" & 7"
A-440 @ 70° F

GREAT ORGAN I (unenclosed and exposed) 7

1	8	Principal.....new pipes; new action.....	61 Pipes
2	4	Octave.....new pipes; new action.....	61 Pipes
3	IV	Fourniture.....new pipes; new action.....	244 Pipes
* 4	16	Sordun.....new pipes; new action.....	73 Pipes
* 5	8	Sordun.....from #4.....	61 Notes

(*) to be affected by tremolo in Great Organ II

GREAT ORGAN II (unenclosed and exposed) 7

6	16	Quintade.....new pipes; new action.....	61 Pipes
7	8	Bordun <i>Bordun</i>new pipes; new action.....	61 Pipes
8	4	Koppelflöte.....new pipes; new action.....	61 Pipes
9	2	Doublette.....new pipes; new action.....	61 Pipes
10	III	Scharf.....new pipes; new action.....	183 Pipes
11		Tremolo	

SWELL ORGAN 12

12	16	Rohrgedeckt (unit)....present Pedal 16 and Swell 8 Rohr Flute pipes; present Pedal 16 and Swell 8 Rohr Flute action.....	85 Pipes
13	8	Rohrflöte.....from #12.....	73 Notes
14	8	Gambe.....new pipes; present 8 Salicional action...	73 Pipes
15	8	Gambe Celeste TC.....new pipes; present 8 Vox Celeste action..	61 Pipes
16	4	Spitzprinzipal.....present pipes; present 8 Aeoline action..	73 Pipes
17	4	Waldflöte.....present pipes; present action.....	73 Pipes
18	2	Octavin.....from #16.....	61 Notes
19	2	Flautino.....from #17.....	61 Notes
20	III	Plein Jeu.....present pipes; present action.....	183 Pipes
21	16	Fagot (half length)....new pipes; present 8 Open Diapason action	73 Pipes
22	8	Trompette.....new pipes; present 8 French Trumpet action	73 Pipes
23	8	Oboe.....present pipes; present action.....	73 Pipes
24	4	Clarion (unit).....new pipes; present 8 Vox Humana action...	73 Pipes
25		Tremolo	

CHOIR ORGAN 15

26	16	Gemshorn (unit).....	present Pedal 16 Viole pipes #1-12, new pipes #13-85; present Pedal 16 Viole action #1-12, present Choir 8 Dulciana action...85 Pipes
27	8	Viola Pomposa.....	new pipes; present Great 8 English Open Diapason action.....73 Pipes
28	8	Gedeckt (unit).....	new pipes; present Gr 16 Bourdon action..85 Pipes
29	8	Viola Celeste.....	new pipes; present Great 8 First Open Diapason action.....73 Pipes
30	8	Gemshorn.....	from #26.....73 Notes
31	8	Gemshorn Celeste TC...	present 8 Unda Maris pipes; present 8 Unda Maris action.....61 Pipes
32	4	Fugara (unit).....	new pipes; present Gr 4 Principal action.73 Pipes
33	4	Gedeckt.....	from #28.....73 Notes
34	2	Prinzpal.....	from #32.....61 Notes
35	2	Harmonic Flute.....	present Gr 4 Flute Harmonic pipes #13-73; present Gr 4 Flute Harmonic action.....61 Pipes
36	1-1/3	Larigot.....	new pipes; present Ch 8 Viola d'Camba action61 Pipes
37	II	Sesquilatera.....	new pipes; present Choir 8 French Horn action.....122 Pipes
38	II	Zimbel.....	new pipes; present Great 8 Doppel Flute action.....122 Pipes
39	8	Clarinet.....	present pipes; present action.....73 Pipes
40	8	Bombarde (unit).....	new pipes; present Choir 8 Concert Flute action.....73 Pipes
41	4	Rohrschalmei.....	present Swell 4 Rohrschalmei pipes; present Great 8 Tromba action.....61 Pipes
42		Harp.....	present bars; present action.....49 Bars
43		Tremolo	

ANTIPHONAL ORGAN (floating) 4

44	8	Echo Flute.....	present pipes; present action.....73 Pipes
45	4	Weitprinzpal.....	present Great 4 Principal pipes; present 8 Echo Salicional action.....73 Pipes
46	4	Flute.....	from #44.....61 Notes
47	2	Kleinoktav.....	from #45.....61 Notes
48	8	Trompette.....	present Swell 8 Trumpet pipes; present 8 Cor Anglais action.....61 Pipes
49	8	Vox Humana..... ^{SSB}	present pipes; present action.....61 Pipes
50		Chimes.....	present Deagan Class "A" tubes; present action.....25 Tubes
51		Tremolo	

PEDAL ORGAN (*) 5

52	32	Untersatz.....	new pipes #1 & #2, present 16 Double Open Diapason pipes #3-44 capped; present 16 Double Open Diapason action.....44 Pipes
53	16	Contra Bass.....	new pipes; new action.....56 Pipes
54	16	Bourdon.....	from #52.....32 Notes
55	16	Quintade.....	from #6.....32 Notes
56	16	Rohrgedeckt.....	from #12.....32 Notes
57	16	Gemshorn.....	from #26.....32 Notes
58	8	Prinzpal ^{Prinzpal}	from #53.....32 Notes
59	8	Gedeckt Pommer.....	from #6.....32 Notes
60	8	Rohrflöte.....	from #12.....32 Notes

PEDAL ORGAN (cont'd)

61	8	Gemshorn.....	from #26.....	32	Notes
62	4	Octave.....	from #53.....	32	Notes
63	4	Gedeckt.....	from #6.....	32	Notes
64	2	Rohrflöte.....	from #12.....	32	Notes
65	2	Octavin.....	from #66.....	32	Notes
66	III	Mixture.....	new pipes; new action.....	120	Pipes
67	II	Acuta.....	from #66.....	32	Notes
68	16	Bombarde.....	new pipes #1-12, present 16 Trombone action;....20 from #40.....	32	Notes
69	16	Sordun.....	from #4.....	32	Notes
70	8	Bombarde.....	from #40.....	32	Notes
71	8	Sordun.....	from #4.....	32	Notes
72	4	Bombarde.....	from #40.....	32	Notes
73	4	Sordun.....	from #4.....	32	Notes

(*) Pedal Organ playable thru new relay and switches to be supplied by MPM, Inc.

COUPLERS

74	Great I & II to Pedal	91	Swell 16
75	Swell to Pedal	92	Swell Unison Off
76	Swell to Pedal 4	93	Swell 4
77	Choir to Pedal	94	Great I to Choir
78	Choir to Pedal 4	95	Great II to Choir
79	Antiphonal to Pedal	96	Great II to Choir 4
80	Swell to Great 16	97	Swell to Choir 16
81	Swell to Great	98	Swell to Choir
82	Swell to Great 4	99	Swell to Choir 4
83	Choir to Great 16	100	Antiphonal to Choir
84	Choir to Great	101	Antiphonal to Choir 4
85	Choir to Great 4	102	Choir 16
86	Antiphonal to Great	103	Choir Unison Off
87	Antiphonal to Great 4	104	Choir 4
88	Great I Unison Off	105	Antiphonal Organ Off (not on combinations)
89	Great II Unison Off	106	Cymbelstern (not on combinations)
90	Choir to Swell		

ADJUSTABLE COMBINATIONS

(Remote Control Combination Action)

Pistons No. 1-2-3-4-5-6-7-8	Affecting Great Stops
Pistons No. 1-2-3-4-5-6-7-8	Affecting Swell Stops
Pistons No. 1-2-3-4-5-6-7-8	Affecting Choir Stops
Pistons No. 1-2	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 (No. 4-5-6-7-8 duplicated by toe studs)

General Cancel Piston
Combination Adjuster Piston
Cancel tabs over stop groups

Combination Lock

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 for Swell Organ (16 contacts, regular system)
- 5- Balanced Expression Pedal for Choir Organ (16 contacts, regular system)
- 6- Balanced Expression Pedal for Antiphonal Organ (10 contacts, regular system)
- 7- Balanced Crescendo Pedal with indicator light (green jewel)
- 8- 32' Untersatz Reversible
- 9- Tutti Reversible (duplicated by manual piston) with indicator light (red jewel)
- 10- Cymbelstern Reversible (toe lever)

* Affecting corresponding Manual to Pedal 4 in "Off" movement only

ACCESSORIES

Music rack light.

Concave and radiating pedal keyboard.

Organ bench with music shelf.

Present motor and blower. New Orgelectra organ power unit.

Lock switch with red jewel for blower motor control.

5/21/64

RHM/bf

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