

M. P. MÖLLER Organ Factory

4/15

Pipe Organ No. R-716 Date July 3, 1963
 For First Evangelical United Brethren Church, Williamsport, Penna.
 Action Electro-Pneumatic Console Detached
 Casing No No Change 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 Four & Pedal - English Keys Wind Pressure _____
 To be Completed December 15, 1963 Blower Pipe furnished by Purchaser

SPECIFICATIONS

FOR

REBUILDING EXISTING MOLLER ORGAN OPUS 3950 - 1924
 44298 4134

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

MANUAL CHESTS Releather 1972 Manual pipe pouches.
 Install 2784 new stop action checks and eyelets.
 Install 535 new duplex shifters.
 Releather 45 stop action primaries and install new outside type magnets.
 Releather two (2) 20 note primary stations and install new outside type magnets.
 Releather one (1) 32 note Pedal primary station and install new outside type magnets.
 Releather four (4) 61 note primary stations and install new outside type magnets.
 Releather four (4) 73 note primary stations and install new outside type magnets.

OFFSET ACTIONS Install new action for Great 16 Quintaton #1 to #44 incl.
 Install new action for Great II-IV Mixture #1 to #8 incl.
 Releather Swell III Plein Jeu action #1 to #5 incl. and install new outside type magnets.
 Releather Swell 16 Fagotto action #1 to #6 incl. and install new outside type magnets.
 Releather Solo 8 Gross Flute action #1 to #12 incl. and install new outside type magnets.
 Releather Solo 8 Gamba action #1 to #12 incl. and install new outside type magnets.
 Releather Solo 4 Principal action #1 to #12 incl. and install new outside type magnets.
 Releather Solo 16 Tuba Profunda action #1 to #85 incl. and install new outside type magnets.

CONTACT BOXES

Releather one (1) 61 note Contact Box for Great Organ and install new silver contacts.

Releather one (1) 61 note Contact Box for Swell Organ and install new silver contacts.

Releather one (1) 73 note Contact Box for Solo Organ and install new silver contacts.

SWITCHES

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

Great - Echo	#1 to #61 incl.	61 Notes
Great 16 Quintaton	#1 to #44 incl.	44 Notes
Great II-IV Mixture	#1 to #8 incl.	8 Notes
Great Harp	#1 to #49 incl.	49 Notes
Swell - Echo	#1 to #61 incl.	61 Notes
Swell III Plein Jeu	#1 to #5 incl.	5 Notes
Swell 16 Fagotto	#1 to #6 incl.	6 Notes
Solo 8 Gross Flute	#1 to #12 incl.	12 Notes
Solo 8 Gamba	#1 to #12 incl.	12 Notes
Solo 4 Principal	#1 to #12 incl.	12 Notes
Solo 16 Tuba Profunda	#1 to #73 incl.	73 Notes
Solo 8 Tuba Mirabilis	#1 to #73 incl.	73 Notes
Solo 4 Tuba Clarion	#1 to #61 incl.	61 Notes
Great Chimes	#1 to #25 incl.	25 Notes
Great Echo Chimes	#1 to #25 incl.	25 Notes
Swell Echo Chimes	#1 to #25 incl.	25 Notes

CHIMES

Install new 25 note electro-pneumatic chimes action.

HARP

Rebuild existing 49 note Harp action.

Recover 49 Harp pneumatics.

PEDAL ORGAN

Releather 16 Open Diapason action #1 to #20 incl. and install new outside type magnets.

Install new action for 16 Open Diapason #21 to #44 incl.

Releather 16 Bourdon action #1 to #44 incl. and install new outside type magnets.

Releather 16 Gamba action #1 to #12 incl. and install new outside type magnets.

Install new 32 note Pedal Relay with ten 32 note switches.

EXPRESSION

Releather expression action for Great-Choir organ and install new outside type magnets.

Releather expression action for Swell Organ and install new outside type magnets.

Releather expression action for Solo Organ and install new outside type magnets.

Releather expression action for Echo Organ and install new outside type magnets.

Releather 58 shade and bumper pneumatics.

Install new shade jacks and connecting wires.

RESERVOIRS

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

One (1) 2'-6" x 4'-0" Great Manual Reservoir
 One (1) 3'-0" x 4'-0" Swell Manual Reservoir
 One (1) 2'-6" x 4'-0" Choir Manual Reservoir
 One (1) 2'-6" x 4'-0" Solo Manual Reservoir
 One (1) 2'-6" x 4'-0" Echo Manual Reservoir
 One (1) 1'-9" x 3'-0" Pedal Reservoir
 Two (2) 3'-0" x 3'-0" Blower Reservoirs
 One (1) 14" x 16" Harp Reservoir
 One (1) 10" x 14" Chimes Reservoir
 One (1) 10" x 12" Shade Reservoir
 One (1) 10" x 14" Shade Reservoir
 One (1) 14" x 16" Shade Reservoir
 One (1) 14" x 16" Console Reservoir

TREMOLOS

Install five new electro-pneumatic tremolos.

PIPES

Install the following new pipes: 18

Great	16	Quintaton	61 Pipes
Great	8	Principal	61 Pipes
Great	4	Octave	61 Pipes
Great	II	Grave Mixture	122 Pipes
Great	II-IV	Mixture	208 Pipes
Swell	8	Viole d' Gambe	73 Pipes
Swell	8	Voix Celeste TC #62 to #73	12 Pipes
Swell	4	Principal #62 to #73	12 Pipes
Swell	2-2/3	Nasat	61 Pipes
Swell	III	Plein Jeu	183 Pipes
Swell	16	Fagotto (half length)	73 Pipes
Swell	8	Trompette	73 Pipes
Swell	4	Oboe Clarion #62 to #73	12 Pipes
Choir	4	Blockflöte	73 Pipes
Choir	2	Spitzprincipal	61 Pipes
Solo	8	Gross Flute #1 to #8, #62 to #73	20 Pipes
Solo	4	Principal #62 to #73	12 Pipes
Great Echo	4	Trumpet #50 to #61	12 Pipes

Revoice the following pipes:

Swell 8 Voix Celeste TC - 61 pipes (present Great 8 Gamba pipes
#13 to #61, new top octave)
 Swell 4 Principal - 73 pipes (present Choir 8 Open Diapason pipes
#13 to #73; new top octave)
 Swell 4 Oboe Clarion - 73 pipes (present Swell 8 Oboe pipes #13
to #73; new top octave)
 Choir 8 Clarinet - 73 pipes
 Solo 4 Principal - 73 pipes (present Swell 8 Open Diapason pipes
#13 to #73; new top octave)
 Solo 16 Tuba Profunda - 85 pipes
 Great-Echo 4 Trumpet - 61 pipes (present Great 8 Trumpet pipes
#13 to #61; new top octave)

- PIPES (cont'd)
- Install new modern tuning slides on the following pipes:
Great 8 Gemshorn - 61 slides
Swell 4 Oboe Clarion - 24 slides
Choir 8 Dulciana - 12 slides
Solo 8 Gross Flute - 12 slides
Solo 8 Gamba - 12 slides
Solo 4 Principal - 12 slides
Great-Echo 8 Fern Flute - 12 slides
Great-Echo 8 Muted Viole - 12 slides
Great-Echo 4 Flute Traverso - 12 slides
Pedal 16 Gamba - 12 slides
- CABLES
- Install new plastic covered cables between console and organ.
Install new action current wires between console, organ and DC Organ Power Unit.
- BLOWER
- Present blower to be used without change.
Install new leather couplings on blower.
Install new flexible rubber connections on blower.
- ACTION CURRENT
- Install new 50 ampere DC organ power unit.
- GENERAL
- Parts specified above to be rebuilt to be returned to the factory of M. P. Moller, Inc. in Hagerstown, Md. for rebuilding as directed.

SPECIFICATIONS
FOR
CONSOLE AND ORGAN

- MANUAL COMPASS
- CC to C4, 61 Notes
- PEDAL COMPASS
- CCC to G, 32 Notes
- WIND PRESSURE
-
- PITCH
- A=440 @ 70° F

GREAT ORGAN 11

- 1 16 Quintaton.....new pipes; new action #1 to #44 incl,
present 16 Bourdon action #45 to #61 incl.....61 Pipes
- 2 8 Principal.....new pipes; present 8 Open Diapason action.....61 Pipes
- 3 8 Gedeckt.....from #25.....61 Notes
- 4 8 Gemshorn.....present pipes; present action.....61 Pipes
- 5 4 Octave.....new pipes; present 8 Gamba action.....61 Pipes
- 6 4 Wald Flute.....present pipes; present action.....61 Pipes
- 7 2 Blockflöte.....from #28.....61 Notes
- 8 II Grave Mixture.....new pipes; present 8 Trumpet action.....122 Pipes
- 9 II-IV Mixture.....new pipes; new action #1 to #8 incl; present
8 Gross Flute action #9 to #61 incl.....208 Pipes
- 10 Chimes.....from #47.....25 Notes
- 11 Harp.....present bars; present action.....49 Bars
- 12 Tremolo

SWELL ORGAN 13

8	Lieblich Flute.....	present 8 Lieblich Gedeckt pipes; present 8 Lieblich Gedeckt action.....	73 Pipes
8	Viole d' Gambe.....	new pipes; present 8 Salicional action.....	73 Pipes
8	Voix Celeste TC.....	present Great 8 Gamba pipes; #13 to #61, new top octave; present Swell 8 Voix Celeste TC action	61 Pipes
4	Principal.....	present Choir 8 Open Diapason pipes #13 to #73, new top octave; present Swell 8 Aeoline action....	73 Pipes
4	Harmonic Flute.....	present pipes; present action.....	73 Pipes
2-2/3	Nasat.....	new pipes; present 8 Viole d'Orchestre action....	61 Pipes
2	Flautino.....	present pipes; present action.....	61 Pipes
III	Plein Jeu.....	new pipes; present 8 Open Diapason action.....	183 Pipes
16	Fagotto (half length)...	new pipes; present 16 Bourdon action.....	73 Pipes
8	Trompette.....	new pipes; present 8 Cornopean action.....	73 Pipes
4	Oboe Clarion.....	present 8 Oboe pipes #13 to #73, new top octave; present 8 Oboe action.....	73 Pipes

Tremolo

CHOIR ORGAN 6

8	Gedeckt.....	present 8 Melodia pipes #1 to #12, present 4 Flute d'Amour pipes #13-73; present 8 Melodia action....	73 Pipes
8	Dulciana.....	present pipes; present action.....	73 Pipes
8	Unda Maris TC.....	present pipes; present action.....	61 Pipes
4	Blockflöte.....	new pipes; present 8 Open Diapason action.....	73 Pipes
2	Spitzprincipal.....	new pipes; present 4 Flute D'Amour action.....	61 Pipes
8	Clarinet.....	present pipes; present action.....	73 Pipes
	Blank Draw Knob		
	Blank Draw Knob		
	Tremolo		

GREAT-ECHO ORGAN 5

42	8	Fern Flute.....	present pipes; present action.....	61	Pipes
43	8	Muted Viole.....	present pipes; present action.....	61	Pipes
44	8	Viole Celeste TC.....	present pipes; present action.....	49	Pipes
45	4	Flute Traverso.....	present pipes; present action.....	61	Pipes
46	4	Trumpet.....	present Great 8 Trumpet pipes #13 to #61, new top octave; present Echo 8 Vox Humana action..	61	Pipes
47		Cathedral Chimes.....	present tubes; new action.....	25	Tubes
48		Tremolo			

SWELL-ECHO ORGAN

49	8	Fern Flute.....	from #42.....	61	Notes
50	8	Muted Viole.....	from #43.....	61	Notes
51	8	Viole Celeste TC.....	from #44.....	49	Notes
52	4	Flute Traverso.....	from #45.....	61	Notes
53	4	Trumpet.....	from #46.....	61	Notes
54		Cathedral Chimes.....	from #47.....	25	Notes
55		Tremolo			

PEDAL ORGAN (*) 2

56	32	Resultant.....	from #57 and #58.....	32	Notes
57	16	Open Diapason.....	present Pedal 16 Open Diapason pipes #1 to #20, #12		
			present Great 8 Open Diapason pipes #9 to #32, #44		
		<i>Present Solo 8 Philemela pipes #13 to #24</i>	present action #1 to #20, new action #21 to #44..	44	Pipes
58	16	Bourdon.....	present pipes; present action.....	44	Pipes
59	16	Gambe.....	present pipes, present action #1 to #12 incl; 20 from #35.....	32	Notes
60	16	Quintaton.....	from #1.....	32	Notes
61	8	Octave.....	from #57.....	32	Notes
62	8	Flute.....	from #58.....	32	Notes
63	8	Quintaton.....	from #1.....	32	Notes
64	4	Super Octave.....	from #37.....	32	Notes
65	16	Fagotto.....	from #21.....	32	Notes
66	16	Tuba.....	from #38.....	32	Notes
67	8	Tuba.....	from #38.....	32	Notes
68		Blank Draw Knob			

(*) Pedal Organ playable thru new Pedal Relay and switches to be supplied by M. P. Moller, Inc.

COUPLERS

69 Great to Pedal	89 Solo to Swell
70 Great to Pedal 4	90 Swell 16
71 Swell to Pedal	91 Swell Unison Off
72 Swell to Pedal 4	92 Swell 4
73 Choir to Pedal	93 Swell to Choir 16
74 Choir to Pedal 4	94 Swell to Choir
75 Solo to Pedal	95 Swell to Choir 4
76 Solo to Pedal 4	96 Solo to Choir 16
77 Swell to Great 16	97 Solo to Choir
78 Swell to Great	98 Solo to Choir 4
79 Swell to Great 4	99 Choir 16
80 Choir to Great 16	100 Choir Unison Off
81 Choir to Great	101 Choir 4
82 Choir to Great 4	102 Solo 16
83 Solo to Great 16	103 Solo Unison Off
84 Solo to Great	104 Solo 4
85 Solo to Great 4	105 Echo - On - Great
86 Great 16	106 Echo On - Great Off
87 Great Unison Off	107 Echo - On - Swell
88 Great 4	108 Echo On - Swell Off

ADJUSTABLE COMBINATIONS

Pistons No. 1-2-3-4-5-6-7	Affecting Great and Great Echo Stops
Pistons No. 1-2-3-4-5-6-7	Affecting Swell and Swell Echo Stops
Pistons No. 1-2-3-4-5	Affecting Choir Stops
Pistons No. 1-2-3-4	Affecting Solo Stops
Pistons No. 1-2-3-4-5	Affecting Pedal Stops(duplicated by toe stud
Pistons No. 1-2-3-4-5-6-7-8	Affecting Full Organ(duplicated by toe studs
General Cancel Piston	

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- Solo to Pedal Reversible (duplicated by manual piston)
- 5- Balanced Expression Pedal for Great-Choir Organs (23 contacts; regular system)
- 6- Balanced Expression Pedal for Swell Organ (10 contacts, regular system)
- 7- Balanced Expression Pedal for Solo Organ (15 contacts, regular system)
- 8- Balanced Expression Pedal for Echo Organ (10 contacts, regular system)
- 9- Balanced Crescendo Pedal with indicator light (green jewel)
- 10- Sforzando Reversible (duplicated by manual piston) with indicator light (red jewel)
- 11- All Swells to Swell Reversible (duplicated by manual piston)

ACCESSORIES

Signal light engraved Pulpit (white jewel)
 Music rack light.
 Pedal light.
 Organ bench with music shelf.
 Concave and radiating pedal keyboard.
 Present motor and blower. New 50 ampere DC organ power unit.

8/2/63
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