

# M. P. MÖLLER Organ Factory

1/24 + 7

Pipe Organ No. R-874 Date September 25, 1972  
 For FIRST BAPTIST CHURCH, BIRMINGHAM, MICHIGAN  
 Action Electro-Pneumatic Console Detached with glides  
 Casing No. None Finish To Color Block submitted  
 Decorations Present display pipes Motor Present motor and blower  
 Width of Key-bed Standard Stop Controls Draw Knobs & Tilting Tablets  
 No. Manuals FOUR AND PEDAL Level Manuals English Keys Wind Pressure Gr. 4-1/2" Sw. Choir & Ped. 5"  
 To be Completed April 15, 1973 4 Oz. touch Blower Pipe furnished by Purchaser

## SPECIFICATIONS

FOR

REBUILDING PRESENT M. P. MOLLER ORGAN OPUS 5340 - 1928

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

MANUAL CHESTS Replace 1206 manual pipe pouches.  
 Install 1401 new stop action checks and eyelets.  
 Install 195 new duplex shifters.  
 Rebuild 21 stop action primaries and install new valves and new magnet plugs and armatures.  
 Rebuild three 73 note primary stations and install new valves and new magnet plugs and armatures.  
 Supply new toe boards and/or rack boards as required.

OFFSET ACTIONS Rebuild the following offset actions and install new magnet plugs and armatures.

Great	8	Principal	8 notes
Swell	16	Bourdon	9 notes
Swell	4	Octave	6 notes
Swell	4	Oboe	73 notes

CONTACT BOXES Rebuild ~~two 61 note Contact Boxes~~ *Swell 16 & 44 note single conductor contact boxes &* and install new silver ~~wire~~ *contacts*.  
 Rebuild ~~Great~~ 73 note Contact Box and install new silver wire contact blocks.

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

Great	8	Principal	8 notes
Great	4	Octave	32 notes
Great		Chimes	25 notes
<del>Swell</del>	<del>16</del>	<del>Bourdon</del>	<del>9 notes</del>
<del>Swell</del>	<del>4</del>	<del>Octave</del>	<del>6 notes</del>
<del>Swell</del>	<del>4</del>	<del>Oboe</del>	<del>73 notes</del>
Choir		Chimes	25 notes

## CHIMES

Rebuild and refelt 25 note chime action and install new magnet plugs and armatures.  
 Recover 25 chime pneumatics.  
 Install 25 new chime mallets.

## PEDAL ORGAN

*Rebuild present 35 note 16 Bourdon Pedal Primary*  
 Rebuild 16 Open Diapason action #1 to #44 incl and install new magnet plugs and armatures.  
 Rebuild 16 Posaune action #1 to #44 incl. and install new magnet plugs and armatures.  
 Install new 32 note 4 Octave Pedal Primary.  
 Install new 32 note Pedal Relay with new switches.

## EXPRESSION

Rebuild 30 expression actions and install new magnet plugs and armatures.  
 Recover 30 shade and bumper pneumatics.  
 Install 30 new sets of shade jacks and connecting rods.  
 Refinish swell shades to color determined by church.

## RESERVOIRS

Recover the following reservoirs and install new curtain valves as required.

Two (2) 2'-6" x 4'-0" Manual Reservoirs  
 One (1) 2'-0" x 4'-0" Manual Reservoir  
 Two (2) Pedal Reservoirs  
 Two (2) Shade Reservoirs  
 One (1) Chimes Reservoir

Install one (1) new Blower Reservoir

## TREMOLOS

Install three new electro-pneumatic tremolos.

## PIPES

Supply the following new pipes - "

Great	8	Principal	73 pipes
Great	4	Octave	73 pipes
Great	2	Doublette	73 pipes
Great	II - IV	Fourniture	208 pipes
Swell	4	Octave	12 pipes (top octave)
Swell	2-2/3	Nazard	73 pipes
Swell	8	Trompette	73 pipes
Swell	4	Oboe	12 pipes (top octave)
Choir	8	Rohrflöte	73 pipes
Choir	2	Prinzipal	73 pipes
Pedal	16	Posaune	44 pipes

Revoice Swell 4 Oboe 61 pipes

Repack stoppers of all wood 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 except remove generator.



## ACTION CURRENT

Install new 10-15 Volt, 30 Ampere organ power unit  
with air mercury switch.

## GENERAL

Entire organ with exception of motor and blower to be  
returned to factory of M. P. Moller, Inc. at Hagerstown, Md.  
for rebuilding as specified above.

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 (Manual II) 9

1	8	Principal	new pipes; present 8 Open Diapason action	73 pipes
2	8	Clarabella	present pipes; present action	73 pipes
3	4	Octave	new pipes; present 8 Viola D'Gamba action	73 pipes
4	4	Flute Harmonic	present pipes; present <del>action</del> 8 Doppel Flute action	73 pipes
5	2	Doublette	new pipes; present 4 <del>8</del> Flute Harmonic action	73 pipes
6	II - IV	Fourniture	new pipes; present 8 Tromba action	208 pipes
7		Chimes	present Deagan class A tubes; present action G to G, #20 to #44 incl.	25 tubes
8		Tremolo		

SWELL ORGAN (Manual III) 8

9	16	Bourdon	present pipes; present action	85 pipes
10	8	Stopped Flute	from #9	73 notes
11	8	Salicional	present pipes; present action	73 pipes
12	8	Voix Celeste TC	present pipes; present action	61 pipes
13	4	Octave	present Choir 8 English Open Diapason pipes #13-73, new top octave, present Swell 8 Open Diapason action	73 pipes
14	4	Flute D'Amour	present pipes; present action	73 pipes
15	2-2/3	Nazard	new pipes; present 8 Aeoline action	73 pipes
16	2	Piccolo	from #14	61 notes
17	8	Trompette	new pipes; present 8 Oboe action	73 pipes
18	4	Oboe	present 8 Oboe pipes #13 to #73, new top octave; present 8 Vox Humana action	73 pipes
19		Tremolo		

CHOIR ORGAN (Manual I) 5

20	8	Rohrflöte	new pipes; present 8 Concert Flute action	73 pipes
21	8	Dulciana	present <del>Swell 8 Acclina</del> pipes; present <del>Choir 8 Dulciana</del> action	73 pipes
22	8	Unda Maris TC	present pipes; present action	61 pipes
23	4	Rohrflöte	from #20	61 notes
24	2	Prinzipal	new pipes; present 8 English Open Diapason action	73 pipes
25	8	Clarinet	present pipes; present action	73 pipes
26		Chimes	from #7	25 notes
27		Tremolo		

PEDAL ORGAN (\*) 2

28	32	Resultant	from #29 =	32 notes
29	16	Open Diapason	1-12 present Pedal 16 Double Open Diapason pipes, 13-44 present Swell 8 Open Diapason pipes; present Pedal 16 Open Diapason action	44 pipes
30	16	Bourdon	from #9	32 notes
31	8	Principal	from #29	32 notes
32	8	Dolce Flute	from #9	32 notes
33	4	Octave	from #3	32 notes
34	16	Posaune	new pipes; present 16 Bourdon action	44 pipes
35	8	Trompette	from #34	32 notes

(\*) Pedal Organ playable through new Pedal Relay and switches

ANTIPHONAL ORGAN (Manual IV)+ 7

36	<del>8</del>	<del>Gedeckt</del> Blank
37	<del>4</del>	<del>Waldflöte</del> Blank
38	<del>2</del>	<del>Prinzipal</del> Blank
39	<del>1-1/3</del>	<del>Larigot</del> Blank
40	<del>III</del>	<del>Zimbel</del> Blank

(Exposed)

(prepared for in console only)  
(prepared for in console only)  
(prepared for in console only)  
(prepared for in console only)  
(prepared for in console only)

COUPLERS

41	Great to Pedal	56	Great 16
42	Great to Pedal 4	57	Great Unison Off
43	Swell to Pedal	58	Great 4
44	Swell to Pedal 4	59	Antiphonal to Swell
45	Choir to Pedal	60	Swell 16
46	Choir to Pedal 4	61	Swell Unison Off
47	Antiphonal to Pedal	62	Swell 4
48	Swell to Great 16	63	Swell to Choir 16
49	Swell to Great	64	Swell to Choir
50	Swell to Great 4	65	Swell to Choir 4
51	Choir to Great 16	66	Antiphonal to Choir 16
52	Choir to Great	67	Antiphonal to Choir
53	Choir to Great 4	68	Choir 16
54	Antiphonal to Great 16	69	Choir Unison Off
55	Antiphonal to Great	70	Choir 4



ADJUSTABLE COMBINATIONS

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

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 - Antiphonal to Pedal Reversible (duplicated by manual piston)
- 5 - Balanced Expression Pedal - Great-Choir Organ (16 contacts, regular system)
- 6 - Balanced Expression Pedal - Swell Organ (16 contacts, regular system)
- 7 - Balanced Crescendo Pedal with indicator light (green jewel)
- 8 - Sforzando Reversible (duplicated by manual piston) with indicator light (red jewel)

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

ACCESSORIES

Electric clock

Plexiglas music rack with fluorescent light  
Pedal light

Concave and radiating pedal keyboard  
Organ bench with music shelf

Present motor and blower

New DC organ power unit

11/17/72  
RHM/mbg