

Plans

M. P. MÖLLER Organ Factory

Pipe Organ No. R-767 Date October 1, 1966 Revised 6/27/67
For GRACE UNITED CHURCH OF CHRIST, FREDERICK, MARYLAND
Action Electro-Pneumatic Console Detached
Casing No. No Change Finish Rift Sawn Oak to customer's selection
Decorations No Change Motor Present motor & blower
Width of Key-bed Standard Stop Controls Draw knobs & tilting tablets
No. Manuals Two and Pedal Wind Pressure 5"
To be Completed November 1, 1967 Blower Pipe furnished by Purchaser

SPECIFICATIONS

FOR

REBUILDING PRESENT MOLLER ORGAN OPUS 4994 - 1927

CONSOLE

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

MANUAL CHEST

Install new primary station for 8 Dulciana - 32 Notes

Releather 750 manual pipe pouches.

Install 872 new stop action checks and eyelets.

Install 122 new duplex shifters.

Releather 13 stop action primaries and install new outside type magnets.

Releather two 73 note Primary Stations and install new outside type magnets.

Rework existing action as necessary to conform to revised specifications.

Install new rack boards as required.

OFFSET ACTIONS

Releather Great 8 Principal action #1-5 inc. & install new outside type magnets.

Releather Swell 16 Lieblich Gedeckt unit action #1 to #97 incl. and install new outside type magnets.

Releather Swell 8 Vox Humana action #1 to #61 incl. and install new outside type magnets.

CONTACT BOX

Install new 61 note contact box for Great Organ.

Releather present 73 note contact box for Swell Organ and install new silver wire contact blocks.

SWITCHES

Install the following new Electro-Pneumatic Switches with stop actions:

Great 8 Principal	5 Notes
Great 8 Dulciana	32 Notes
Great Chimes	21 Notes
Great Blank	61 Notes
Swell 16 Lieblich Gedeckt	73 Notes
Swell 8 Gedeckt	73 Notes
Swell 4 Gedeckt	73 Notes
Swell 8 Vox Humana	61 Notes

CHIMES

Releather and refelt existing chime action.
Recover 21 chime pneumatics.
Install 21 new chime mallets.

PEDAL ORGAN

Install new action for 8 Principal #1 to #44 incl.
Releather 16 Bourdon action #1 to #32 incl. and install new outside type magnets.

EXPRESSION

Releather 7 note Great expression action and install new outside type magnets.
Releather 11 note Swell expression action and install new outside type magnets.
Recover 18 shade and bumper pneumatics.

RESERVOIRS

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

- One (1) 2'-6" x 4'-0" Swell Manual Reservoir
- One (1) 3'-0" x 3'-0" Blower Reservoir
- One (1) 2'-6" x 4'-0" Great Manual Reservoir
- One (1) 2'-0" x 3'-0" Pedal Reservoir
- One (1) Chime Reservoir
- One (1) Expression Reservoir

TREMOLLO

Install one (1) new electro-pneumatic tremolo.

PIPES

Install the following new pipes:

- Great 8 Principal - 61 Pipes
- Great 8 Rohrflöte - 73 Pipes
- Great 4 Octav - 73 Pipes
- Great 2 Blockflöte - 61 Pipes
- Great III Mixtur - 183 Pipes
- Swell 4 Spitzprincipal - 73 Pipes
- Swell 8 Trompette - 73 Pipes
- Pedal 8 Principal - 44 Pipes

Revoice the following reeds:

- Swell 8 Vox Humana - 61 Pipes
- Swell 4 Hautbois Clarion - 73 Pipes (present 8 Oboe pipes, new top octa

Install new modern type tuning slides on the following pipes:

- Great 8 Dulciana - 73 Slides
- Swell 16 Lieblich Gedeckt - #74 to #97 - 24 Slides
- Swell 8 Salicional - 73 Slides
- Swell 8 Vox Celeste TC - 61 Slides

Repack stoppers of present wood pipes used in revised specifications.

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

BLOWER Present motor and blower to be used without change.
Install new 12" diam. flexible rubber connection.

ACTION CURRENT Organ power unit of ample capacity.

GENERAL Parts specified above to be rebuilt, to be returned to factory of M. P. Moller, Inc. in Hagerstown, Md. for rebuilding as specified.

SPECIFICATIONS
FOR
CONSOLE AND ORGAN

MANUAL COMPASS CC to C4, 61 Notes
PEDAL COMPASS CCC to G, 32 Notes
WIND PRESSURE 5"
PITCH A-440 @ 70° F

GREAT ORGAN ()

1	8	Principal.....new pipes; present 8 Open Diapason action.....	61 Pipes
2	8	Rohrflöte.....new pipes; present 8 Melodia action.....	73 Pipes
3	8	Dulciana.....present pipes; present 8 Gamba action.....	73 Pipes
4	4	Octav.....new pipes; present 8 Doppelflöte action.....	73 Pipes
5	4	Rohrflöte.....from #2.....	61 Notes
6	2	Blockflöte.....new pipes; present 8 Dulciana action.....	61 Pipes
7	III	Mixtur.....new pipes; present 8 Clarinet action.....	183 Pipes
8		Chimes.....present tubes; present action A to F #22 to #42 incl.....	21 Tubes
9		Blank draw knob	

SWELL ORGAN

10	16	Lieblich Gedeckt(Unit) present 16 Bourdon pipes; present 16 Bourdon action.....	97 Pipes
11	8	Gedeckt.....from #10.....	73 Notes
12	8	Salicional.....present pipes; present 8 Viole d'Orchestre action.....	73 Pipes
13	8	Vox Celeste TC.....present pipes; present action.....	61 Pipes
14	4	Spitzprincipal.....new pipes; present 8 Salicional action.....	73 Pipes
15	4	Gedeckt.....from #10.....	73 Notes
16	2	Spitzoctav.....from #14.....	61 Notes
17	8	Trompette.....new pipes; present 8 Open Diapason action.....	73 Pipes
18	8	Vox Humana.....present pipes; present action.....	61 Pipes
19	4	Hautbois Clation.....present 8 Oboe pipes #13 to #73, new top octave; present 8 Oboe action.....	73 Pipes
20		Tremolo	

PEDAL ORGAN (*)

21	16	Bordun.....present pipes; present action.....	32 Pipes
22	16	Lieblich.....from #10.....	32 Notes
23	8	Principal.....new pipes; new action.....	44 Pipes
24	8	Gedeckt.....from #10.....	32 Notes
25	4	Choral Bass.....from #23.....	32 Notes
26		Blank Draw Knob	

(*) Pedal Organ playable thru slides in console.

COUPLERS

27	Great to Pedal	32	Swell to Great 4
28	Swell to Pedal	33	Great 4
29	Swell to Pedal 4	34	Swell 16
30	Swell to Great 16	35	Swell Unison Off
31	Swell to Great	36	Swell 4

ADJUSTABLE COMBINATIONS

Pistons No. 1-2-3-4	Affecting Great Organ
Pistons No. 1-2-3-4	Affecting Swell Organ
Toe Studs No. 1-2-3-4	Affecting Pedal Organ
Pistons No. 1-2-3-4	Affecting Full Organ
General Cancel Piston	

PEDAL MOVEMENTS

- 1- Great to Pedal Reversible.
- 2- Balanced Expression Pedal for Great Organ (7 contacts, regular system)
- 3- Balanced Expression Pedal for Swell Organ (11 contacts, regular system)
- 4- Balanced Crescendo Pedal with indicator light (green jewel)
- 5- Sforzando Reversible with indicator light (red jewel)

ACCESSORIES

Plexiglas music rack with fluorescent light.
Pedal light.

Concave and radiating pedal keyboard.
Organ bench with music shelf.
Present motor and blower.
Organ power unit of ample capacity.

11/9/66
Revised 6/27/67
RHM/bf