

M. P. MÖLLER Organ Factory

3/52

Pipe Organ No.	R-121	Date	March 30, 1981
For	THE EVANGELICAL LUTHERAN CHURCH, FREDERICK, MARYLAND		
Action	Electro-pneumatic	Console	Present - Detached
Casing No.	Organ case with pipe facade and	Finish	Present - no change
Decorations	Ruckpositiv chest enclosures	Motor	Present 7½ HP Style 3-P-3330
Width of Key-bed	Standard	Stop Controls	Draw knobs & tilting tablets
No. Manuals	Three and Pedal	Wind Pressure	See Scale Sheets
To be Completed	December 1, 1981	Blower Pipe furnished by	See GENERAL

SPECIFICATIONS

FOR

REPLACING URETANE, CHANGING TONALLY

AND ADDING TO

PRESENT MOLLER ORGAN OPUS 8104 - 1949

M-5578 - 1972

IMPORTANT

Recover all remaining urethane pipe, action primary, or primary station pouches.

CONSOLE

Replace all drawknobs, tilting tablets, pistons, and markers with new of Maple engraved in black to conform with specifications below. Replace manual keyboards with new of Rosewood with Palisander sharps, adjusted to 4 ounce touch with couplers "off". Replace naturals only on pedal keyboard, keeping present Ebony sharps. Replace pedalboard eliminating Choir expression pedal and upper toe stud terrace, and providing toe levers as needed. Add four drawknobs to Swell division, complete with all needed components in console and in remote control mechanism to be affected by combinations. Install 3 reversible actions.

MANUAL & PEDAL PITMAN CHESTS

Convert present Choir chest for use as Pedal.
Convert present Great-Choir duplex chest to Great-Swell.
Rework and/or install new toeboard/rackboard assemblies as required for tonal changes.
Install new actions for additions.

OFFSET CHESTS

Rework racking as required for tonal changes.
Install new actions for additions.

SWITCHES

Reuse present switches to extent practical.
Install new electro-pneumatic switches as required.

PEDAL ORGAN

Rework racking as required for tonal changes.
Rework switches as required for tonal changes.

EXPRESSION All expression shades to be under control of Swell expression pedal.

RESERVOIRS Install new reservoirs as required by additions.

PIPES Install new pipes as indicated by specifications below.

CABLES Install new cables and action current wires as required for additions.

BLOWER Reuse present motor and blower without change.

GENERAL Parts specified above to be rebuilt or reworked to be returned to the factory of M. P. MOLLER, INC., to the extent practical.

All parts from present instrument not required to complete this program become the property of M. P. MOLLER, INC.

Church to raise floorboards in gallery to permit placement of wind conductors and conduits by M. P. MOLLER, INC.

SPECIFICATIONS FOR CONSOLE AND ORGAN

MANUAL COMPASS CC to C4, 61 notes
 PEDAL COMPASS CCC to G, 32 notes
 WIND PRESSURE± See scale sheets
 PITCH A-440 @ 70° F

GREAT ORGAN - Unenclosed ¹²

1	16	Violonenew pipes ^{new #1-53 inc.} & action ^{Pres. 16 Diap. action}(in facade #45-52 inc.)61 pipes
2	8	Principal.....new pipes; present Diapason action61 pipes
3	8	Bordunnew pipes; present Hohlflöte action61 pipes
4	4	Octavenew pipes; present action61 pipes
5	4	Spitzflöte ^{Spitzflöte}new pipes; present Har. Flute action61 pipes
6	2	Super Octave.....new pipes; present 2-2/3 Octave Quint action61 pipes
7	III-V	Mixturenew pipes; present 2 Super Octave action...244 pipes
8	8	Trompetenew pipes; present Gemshorn action61 pipes
9	8	Trompette en Chamadefrom #3961 notes ^{Trompetas Reales}

GREAT ORGAN - Enclosed (from Swell)

10	8	Dolcefrom #1761 notes
11	8	Dolce Celeste TCfrom #1761 notes
12		Chimes....present Deagan "D" tubes, electro-pneumatic action, A to F, #22 to 4221 tubes

SWELL ORGAN - Enclosed 19

13	16	Rohrbordun.....#1-12 present pipes, #13 up new pipes; present action.....73 pipes
14	8	Rohrflöte..... from #1361 notes
15	8	Gamba.....present pipes; present Ch. Viola action.....61 pipes
16	8	Gamba Celeste....#1-12 new pipes, #13 up present Gamba Celeste TC pipes; present Gamba action.....61 pipes
17	II	Dolce Celeste Unison - present Ch. 16 Contra Dulciana #13 up pipes & action; Celeste - present Ch. 8 Unda Maris TC pipes and action.....110 pipes
18	4	Principal.....new pipes; present action.....61 pipes
19	4	Waldflöte.....new pipes; present Ch. 8 Melodia action.....61 pipes
20	2-2/3	Nasardpresent Ch. Nazard pipes; present 4 Flüte Triangulaire action.....61 pipes
21	2	Blockflöte.....new pipes; present Ch. 4 Nachthorn action.....61 pipes
22	1-3/5	Tierce TC.....present Ch. pipes; present 8 Gamba Celeste action.....49 pipes
23	III-V	Scharfnew pipes; present III Plein Jeu action.....244 pipes
24	16	Contre Trompette...new pipes; present Double Trumpet action.....73 pipes
25	8	Trompettefrom #2461 notes
26	8	Cor Anglaispresent pipes & action.....61 pipes
27	8	Vox Humanapresent pipes & action.....61 pipes
28	4	Claironpresent pipes & action.....61 pipes
29		Tremolo

RUCKPOSITIV ORGAN - Exposed II

30	8	Holzgedecktnew pipes & action.....61 pipes
31	4	Spillflötenew pipes & action.....61 pipes
32	2	Principalnew pipes & action.....61 pipes
33	1-1/3	Quintfflötenew pipes & action.....61 pipes
34	1	Sifflötenew pipes & action.....61 pipes
35	III-V	Zimbelnew pipes & action.....244 pipes
36	8	Krummhornpresent Ch. Cromorne pipes; new action.....61 pipes
37		Tremolo
38	16	Trompete on Chamade TC.....from #3961 notes
39	8	Trompete on Chamadenew pipes & action.....61 pipes
40	4	Trompete on Chamadefrom #3961 notes

* PEDAL ORGAN 10

**41	32	Untersatzfrom #4332 notes
42	16	Principal#1-12 present Diapason pipes, #13 up new pipes; present Diapason action.....44 pipes
43	16	Subbasspresent Bourdon pipes & action.....32 pipes
44	16	Violonefrom #132 notes
***45	16	Dolce#1-12 present Ch. Contra Dulciana pipes and action; 20 from #1732 notes
46	16	Rohrbordunfrom #1332 notes
47	8	Octavefrom #4232 notes
48	8	Rohrflötefrom #1332 notes
***49	4	Choralbass.....new pipes; present Ch. 2-2/3 Nazard action.....32 pipes

* PEDAL ORGAN - Continued

***50	4	Hohlfloete.....new pipes; present Ch. 2 Flautina action.....32 pipes
***51	IV	Mixturenew pipes; present Ch. 8 Cromorne action.....32 pipes
** 52	32	Contre Bombarde....new pipes; present 16 Trombone action.....44 pipes
53	16	Bombarde.....from #52.....32 notes
54	16	Contre Trompettefrom #24.....32 notes
***55	4	Regalnew pipes; present Ch. 1-3/5 Tierce action....32 pipes

* Playable thru reworked relay and switches

** Controlled by toe stud reversibles with indicator lights

*** *affected by Swell Pedals.*COUPLERS

56	Great to Pedal	68	Swell to Ruckpositiv 16
57	Great to Pedal 4	69	Swell to Ruckpositiv
58	Swell to Pedal	70	Swell to Ruckpositiv 4
59	Swell to Pedal 4	71	Great 16
60	Ruckpositiv to Pedal	72	Great Unison
61	Ruckpositiv to Pedal 4	73	Great 4
62	Swell to Great 16	74	Swell 16
63	Swell to Great	75	Swell Unison
64	Swell to Great 4	76	Swell 4
65	Ruckpositiv to Great 16	77	Ruckpositiv 16
66	Ruckpositiv to Great	78	Ruckpositiv Unison
67	Ruckpositiv to Great 4	79	Ruckpositiv 4

ADJUSTABLE COMBINATIONS
(Remote Control Mechanism)

Pistons No. 1-2-3-4-5-6	Affecting Great
Pistons No. 1-2-3-4-5-6	Affecting Swell
Pistons No. 1-2-3-4-5-6	Affecting Ruckpositiv
Pistons No. 1-2-3-4-5-6	Affecting Pedal (duplicated by toe studs)
Pistons No. 1-2-3-4-5-6-7-8	Affecting Full Organ (duplicated by toe studs)
General Cancel	
Setter Piston	

PEDAL MOVEMENTS

Great to Pedal reversible (duplicated by manual piston)
 Swell to Pedal reversible (duplicated by manual piston)
 Ruckpositiv to Pedal reversible (duplicated by manual piston)
 Sforzando reversible (duplicated by manual piston) with indicator light
 Balanced expression pedal - Swell Organ (40 contacts - make to open)
 Balanced Crescendo pedal with indicator light
 Zimbelstern reversible
 32 Untersatz reversible with indicator light
 32 Contre Bombarde reversible with indicator light

PAGE 4 only revised 8/28/81

RVK/mr

ACCESSORIES

Concave, radiating pedal clavier
Organ bench with music shelf
Present motor, blower and DC generator
New Zimbelstern-5 bells & action
DC current light with test button

RVK/a
6/24/81