

M. P. MÖLLER Organ Factory

3/34

Pipe Organ No. R-136 Date July 8, 1982
 For UNIVERSITY OF MARYLAND, COLLEGE PARK, MARYLAND *mem'l Chap c)*
 Action Electro-Pneumatic Console Present - Detached
 Casing No. Present grille Finish Refinish
 Decorations None Motor Present 7-1/2 HP, Style 3-P-3330
 Width of Key-bed Standard Stop Controls Draw Knobs & Tilting Tablets
 No. Manuals THREE Wind Pressure Gr 3-3/4, Sw & Pos 4,
 To be Completed November 19, 1982 Blower Pipe furnished by Purchaser *Ped 4 & 5*

SPECIFICATIONS

FOR

REBUILDING AND CHANGING TONALLY
 PRESENT MOLLER ORGAN OPUS 8374 - 1952

CONSOLE

Reuse present console rebuilding same as follows:

Replace all stop and coupler controls and contacts.
 Replace all combination piston buttons and springs.
 Recover all coupler pneumatics.
 Recover combination pneumatics.
 Recover all primaries and install new magnet armatures.
 Recover reversibles.
 Replace crescendo and expression pedal pads and edging.
 Replace burrs and felt washers on manual keys.
 Refelt action as required.
 Refelt pedal keyboard and install new insulating tips and caps.
 Recover reservoir.
 Recover roll top.
 Refinish console cabinet, bench and pedal keyboard.
 Install new markers.
 Install new music rack and pedal lights.

MANUAL CHESTS

Recover all manual pipe pouches.
 Replace stop action checks and eyelets.
 Replace duplex shifters as required.
 Recover two 61 and three 73 note primary stations and install new magnet armatures.
 Recover stop action primaries and install new magnet armatures.
 Recover pedal primaries and install new magnet armatures.
 Rework and/or install new toeboard/rackboard assemblies as required for tonal changes.

OFFSET & UNIT ACTIONS

Recover the following actions and install new magnet armatures:
 Great 8 Principal #1-8
 Swell 16 Rohrbourdon #1-44
 Swell 8 Geigen #1-12
 Positiv 8 Dolce #1-8
 Positiv 4 Koppelflöte #1-8

CONTACT BOXES

Replace single conductor contact boxes for offset actions listed above.

SWITCHES Recover electro-pneumatic switches and stop actions and install new magnet armatures.

PEDAL ORGAN Recover the following actions and install new magnet armatures:

16 Principal	32 notes
16 Subbass	38 notes
8 Octave	44 notes
16 Contre Bombarde	56 notes

Install new action for 8 Octave #45-68
Recover electro-pneumatic switches and stop actions and install new magnet armatures.
Install new switches for III Mixture and 32 Bombarde Cornet.

EXPRESSION Recover one 12, one 10, and two 3 note expression actions and install new magnet armatures.
Recover all shade pneumatics.
Replace all shade jacks and connecting rods.
Refelt shades.

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

- One 3'-0" x 6'-0" manual
- One 3'-0" x 5'-0" manual
- One 3'-0" x 4'-0" manual
- Three 1'-6" x 2'-6" offset
- Two 1'-6" x 2'-0" offset
- One 1'-4" x 1'-9" offset
- One expression
- One 3'-6" x 3'-6" blower

TREMOLOS Install new electro-pneumatic tremolos.

PIPES Install new pipes as indicated by organ specifications.
Revoice all pipes being reused.
Repack all wood pipe stoppers.

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

ACTION CURRENT Install new 10-15 volts, 30 amperes DC organ power unit.

BLOWER Present 7-1/2 HP, Style 3-P-3330 motor and blower to be used without change.
Install new motor-blower coupling leathers.
Install new 14" diameter flexible connection with draw bands.

GRILLE Present grille fabric to be removed by M. P. Müller, Inc.
New fabric to be installed by others.

GENERAL

Parts specified above to be rebuilt to be returned to the factory of M. P. Müller, Inc. at Hagerstown, Maryland to the extent practical.

All parts from present organ not required to complete this contract become the property of M. P. Müller, Inc.

SPECIFICATIONS
FOR
CONSOLE AND ORGAN

MANUAL COMPASS	CC to C4, 61 notes
PEDAL COMPASS	CCC to G, 32 notes
WIND PRESSURE	Great 3-3/4", Swell & Positiv 4", Pedal 4" & 5"
PITCH	A-440 @ 70°F

GREAT ORGAN - Unenclosed 10

1	8	Principal.....present Diapason pipes & action.....61 pipes
2	8	Bourdon.....present pipes & action.....61 pipes
3	8	Gemshorn.....present pipes & action.....61 pipes
4	4	Octavepresent pipes & action.....61 pipes
5	4	Harmonic Flute.....present pipes & action.....61 pipes
6	2	Super Octave.....#1-49 present pipes, new top octave; present 2-2/3 Octave Quint action.....61 pipes
7	III-IV	Mixturenew pipes; present 2 Super Octave action.....208 pipes
8		Chimespresent Schulmerich

574

SWELL ORGAN - Enclosed 12

9	16	Rohrbourdon.....present pipes & action.....85 pipes
10	8	Geigenpresent Geigen Diapason pipes & action.....73 pipes
11	8	Rohrflötefrom #973 notes
12	8	Viole.....present Viole de Gambe pipes & action.....73 pipes
13	8	Viole Celeste TC....present pipes & action61 pipes
14	4	Principalpresent pipes & action73 pipes
15	2	Blockflöte.....present Choir pipes; present 4 Flute Triangularie action61 pipes
16	III	Cymbal.....present pipes & action.....183 pipes
17	16	Basson TCpresent 8 Oboe pipes reracked on present action61 pipes
18	8	Trompettepresent pipes & action73 pipes
19	4	Clairon.....present pipes & action73 pipes
20		Tremolo

216

POSITIF ORGAN - Enclosed 8

21	8	Gedeckt.....present Nachthorn pipes & action.....73 pipes
22	8	Dolcepresent Dulciana pipes & action.....73 pipes
23	8	Dolce Celeste TC....present Unda Maris TC pipes & action.....61 pipes
24	4	Koppelflöte.....present pipes; present 8 Viola action.....73 pipes
25	2-2/3	Nazard.....present pipes & action.....61 pipes
26	2	Principal.....present Great 2-2/3 Octave Quint pipes rescaled; present 4 Koppelflöte action.....61 pipes
27	1-3/5	Tierce.....new pipes; present 2 Blockflöte action.....61 pipes
28	8	Clarinetpresent pipes and action73 pipes
29		Chimesfrom #8
30		Tremolo

* PEDAL ORGAN 4

31	32	Untersatz.....Unison from #32, Quint from #33.....32 notes
32	16	Principal.....present Contre Basse pipes & action.....32 pipes
33	16	Subbass.....present Bourdon pipes & action.....38 pipes
34	16	Rohrbourdon.....from #9.....32 notes
35	8	Octave....#1-12 inc. present pipes, #13 & up present Ch. 8 Viola pipes rescaled on present Octave action #1-44 inc. and new action #45-68 inc.....68 pipes
36	8	Rohrflöte.....from #9.....32 notes
37	4	Choralbass.....from #35.....32 notes
38	III	Mixture.....2', 1-1/3' and 1' from #35.....32 notes
39	32	Bombarde Cornet.....from #33 & #4032 notes
40	16	Contre Bombarde....present pipes and action.....56 pipes
41	8	Bombarde.....from #4032 notes
42	4	Claironfrom #4032 notes

* Pedal Organ playable thru present relay, present and new switches.

COUPLERS (no change)

43	Great to Pedal	55	Swell to Positif 16
44	Great to Pedal 4	56	Swell to Positif
45	Swell to Pedal	57	Swell to Positif 4
46	Swell to Pedal 4	58	Great 16
47	Positif to Pedal	59	Great Unison Off
48	Positif to Pedal 4	60	Great 4
49	Swell to Great 16	61	Swell 16
50	Swell to Great	62	Swell Unison Off
51	Swell to Great 4	63	Swell 4
52	Positif to Great 16	64	Positif 16
53	Positif to Great	65	Positif Unison Off
54	Positif to Great 4	66	Positif 4

ADJUSTABLE COMBINATIONS - no change

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 Positif
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	

PEDAL MOVEMENTS - no change

Great to Pedal reversible (duplicated by manual piston)
Swell to Pedal reversible (duplicated by manual piston)
Positif to Pedal reversible (duplicated by manual piston)
Balanced Expression Pedal - Swell Organ
Balanced Expression Pedal - Positif Organ
Balanced Crescendo Pedal with indicator light
Sforzando reversible with indicator light (duplicated by manual piston)

ACCESSORIES

Concave , radiating pedal clavier
Organ bench with music shelf
Present music rack with new light
New pedal light
Present motor and blower
New DC organ power unit