

M. P. MÖLLER Organ Factory

3149

Pipe Organ No. R-660 Date March 28, 1960
 For WESTMINSTER CHOIR COLLEGE, PRINCETON, NEW JERSEY
 Action Electro-Pneumatic Console Detached and Movable
 Casing No. No Change Finish To Color Block To Be Submitted
 Decorations No Change Motor Present Motor, Blower and DC Organ
 Width of Key-bed Standard Stop Controls Draw Knobs & Tilting Tablets
 No. Manuals Three & Pedal-Multiple Contacts Wind Pressure 4-1/2"
 To be Completed September 10, 1960 Tracker Touch Blower Pipe furnished by Purchaser

SPECIFICATIONS

FOR

REBUILDING PRESENT AEOLIAN SKINNER ORGAN

CONSOLE Install new three manual electro-pneumatic detached draw knob type console, pedal keyboard and organ bench. Install new remote control combination action. Supply roller platform for console.

GREAT ORGAN Entire Great Organ to be moved and installed in upper organ space at right of chancel.

MANUAL CHESTS Releather 1841 manual pipe pouches.
 Releather three 73 note double valve primary stations and install new outside type magnets.
 Releather one 61 note double valve primary station and install new outside type magnets.
 Releather 29 stop action primaries and install new outside type magnets.

OFFSET CHESTS Releather the following tubular pneumatic offset actions:

Great	8	Diapason	#1 to #10 incl.	10 Notes
Great	8	Flute Harmonique	#1 to #8 incl.	8 Notes
Swell	8	Geigen	#1 to #10 incl.	10 Notes
Swell	8	Rohrflote	#1 to #8 incl.	8 Notes
Swell	8	Salicional	#1 to #6 incl.	6 Notes
Swell	8	Voix Celeste	#1 to #6 incl.	6 Notes
Swell	8	II Unda Maris	#1 to #12 incl.	12 Notes
Swell	16	Bombarde	#1 to #6 incl.	6 Notes
Choir	8	Lieblich Gedeckt	#1 to #10 incl.	10 Notes
Choir	4	Principal	#1 to #8 incl.	8 Notes

Releather Choir 16 Kleine Erzähler unit action #1 to #85 incl. - 85 Notes and install new outside type magnets.

RELAY Install new 73 note relay for Choir 16 Kleine Erzähler.

SWITCHES

Install the following new switches with stop actions:

Swell Unison I	73 Notes
Swell Unison II	73 Notes
Choir 16 Kleine Erzahler	73 Notes
Choir 8 Kleine Erzahler	73 Notes

PEDAL ORGAN

Releather 16 Contra Bass action #1 to #32 incl. and install new outside type magnets.
 Releather 16 Bourdon action #1 to #32 incl. and install new outside type magnets.
 Releather 8 Principal action #1 to #32 incl.
 Releather 8 Flute Conique action #1 to #32 incl.
 Releather 8 Flute Harmonique action #1 to #32 incl.
 Releather III Mixture action - 96 notes
 Releather one 32 note double valve primary and install new outside type magnets.
 Releather 6 note stop action primary and install new outside type magnets.
 Releather 56 note primary for 16 Bombarde and install new outside type magnets.
 Install new 32 note Pedal Relay with nine 32 note switches.

EXPRESSION

Releather two whiffletree expression actions.

RESERVOIRS

Releather the following existing reservoirs:

One (1) 2'-6" x 4'-0"	Great reservoir
One (1) 3'-0" x 5'-0"	Swell reservoir
One (1) 2'-6" x 3'-0"	Choir reservoir
One (1) 2'-0" x 3'-0"	Pedal reservoir
One (1) 2'-0" x 3'-0"	Blower reservoir
One (1) 3'-0" x 4'-6"	Blower reservoir

TREMOLO

Releather two pneumatic type tremolos.

PIPES

Revoice the following reed pipes:

Swell 16 Bombarde	-	73 pipes
Swell 8 Trompette	-	73 pipes
Swell 8 Oboe	-	73 pipes
Swell 4 Clarion	-	73 pipes
Choir 8 Vox Humana	-	61 pipes

Install modern tuning slides on the following pipes:

Great 8 Diapason	#1 to #12 incl.	12 slides
Great 8 Flute Harmonique	#1 to #12 incl.	12 slides
Swell 8 Geigen	#1 to #12 incl.	12 slides
Swell 8 Salicional	#1 to #12 incl.	12 slides
Swell 8 Voix Celeste	#1 to #12 incl.	12 slides

PIPTES
(cont'd)

Install modern tuning slides on the following pipes: (cont'd)

Swell 8 II Unda Maris	#1 to #12 incl.	12 slides
Choir 16 Kleine Erzahler	#1 to #24 incl.	24 slides
Choir 8 Lieblich Gedeckt	#62 to #73 incl.	12 slides
Choir 4 Flute D'Amour	#50 to #73 incl.	24 slides
Choir 2-2/3 Nazard	#38 to #61 incl.	24 slides
Choir 1-3/5 Tierce	#1 to #61 incl.	61 slides

Supply necessary missing pipes.

CABLES

Install new asbestos covered cables and action current wires between console, organ and power unit.

BLOWER

Present blower to be used without change.
Install new 15" diam. flexible rubber connection.

ACTION CURRENT

Present 10-15 Volt, 30 Ampere DC organ power unit to be used without change.

GENERAL

The parts specified above for rebuilding to be returned to factory of M. P. Moller, Inc. at 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	4 - 1/2"
PITCH	A-440 @ 70°F

GREAT ORGAN "

1	8	Diapason.....	61 Pipes
2	8	Kleine Erzahler.....from #25.....	61 Notes
3	8	Flute Harmonique.....	61 Pipes
4	4	Octave.....	61 Pipes
5	2-2/3	Twelfth.....	61 Pipes
6	2	Fifteenth.....	61 Pipes
7	IV	Fourniture.....	24 Pipes
8	II	Cymbale TC & TF#.....	98 Pipes
9		Bells	
9a		<i>Alumni Zinkeltorn</i>	

SWELL ORGAN "

10	8	Geigen.....	73 Pipes
11	8	Rohrflote.....	73 Pipes
12	8	Salicional.....	73 Pipes
13	8	Voix Celeste.....	73 Pipes

SWELL ORGAN
(cont'd)

14	8	II Unda Maris.....	134	Pipes
15	4	Octave.....	73	Pipes
16	4	Flute Triangulaire.....	73	Pipes
17	2	Octavin.....	61	Pipes
18	1-1/3	Larigot.....	61	Pipes
19	V	Flein Jeu.....	305	Pipes
20	16	Bombarde.....	73	Pipes
21	8	Trompette.....	73	Pipes
22	8	Oboe.....	73	Pipes
23	4	Clarion.....	73	Pipes
24		Tremulant		

CHOIR ORGAN II

25	16	Kleine Erzahler (Unit).....	85	Pipes
26	8	Liebllich Gedeckt.....	73	Pipes
27	8	Kleine Erzahler.....from #25.....	73	Notes
28	4	Principal.....	73	Pipes
29	4	Flute D'Amour.....	73	Pipes
30	2-2/3	Nazard.....	61	Pipes
31	2	Octave.....	61	Pipes
32	1-3/5	Tierce.....	61	Pipes
33	III	Scharf.....	183	Pipes
34	8	Vox Humana.....	61	Pipes
35		Bells		
36		Tremulant		

PEDAL ORGAN (*) 8

37	16	Contra Bass.....	32	Pipes
38	16	Bourdon	32	Pipes
39	16	Kleine Erzahler.....from #25.....	32	Notes
40	8	Principal.....	32	Pipes
41	8	Kleine Erzahler.....from #25.....	32	Notes
42	8	Flute Conique.....	32	Pipes
43	4	Kleine Erzahler.....from #25.....	32	Notes
44	4	Flute Harmonique.....	32	Pipes
45	III	Mixture.....	96	Pipes
46	16	Bombarde.....from #20.....	32	Notes
47	8	Trompette.....from #20.....	32	Notes
48	4	Clarion.....from #20.....	32	Notes

(*) Pedal Organ playable thru new relay and switches

COUPLERS

49	Great to Pedal	56	Swell to Great
50	Swell to Pedal	57	Swell to Great 4
51	Swell to Pedal 4	58	Choir to Great 16
52	Choir to Pedal	59	Choir to Great
53	Choir to Pedal 5-1/3	60	Choir to Great 5-1/3
54	Choir to Pedal 4	61	Choir to Great 4
55	Swell to Great 16	62	Swell 16

COUPLERS
(cont'd)

63 Swell Unison Off
64 Swell 4
65 Swell to Choir 16
66 Swell to Choir
67 Swell to Choir 4
68 Choir 16
69 Choir Unison Off
70 Choir 4

ADJUSTABLE COMBINATIONS
(Remote Control Combination Action)

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

On-Off switches to connect corresponding Pedal combinations to Great, Swell and Choir pistons.

REVERSIBLES

- 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 - Swell to Great Reversible (manual piston only)
- 5 - Choir to Great Reversible (manual piston only)
- 6 - Swell to Choir Reversible (manual piston only)
- 7 - *3 unilatern Reversible (duplicated by manual piston)*

PEDAL MOVEMENTS

- 1 - Balanced Expression Pedal for Swell Organ (³²15 contacts, regular system)
- 2 - Balanced Expression Pedal for Choir Organ (16 contacts, regular system)
- 3 - Balanced Expression Pedal for Schulmerich Bells
- 4 - Balanced Crescendo Pedal with indicator light (green jewel)
- 5 - Sforzando Reversible (duplicated by manual piston) with indicator light (red jewel)

ACCESSORIES

Install multiple key contacts with tracker touch for manual and pedal keys.

Music rack with fluorescent light
Pedal light

Supply roller platform for console

Mount motor starter switch in console

Mount three (3) Schulmerich Carillon controls in console

~~Organ bench with music shelf~~ *Adjustable organ bench*
Concave and radiating pedal keyboard

Present motor, blower and DC organ power unit to be used without change