

M. P. MÖLLER Organ Factory

File

3-22+10

Revd. 4/8/69
February 11, 1969

Pipe Organ No. R-815 Date _____

For ST. MARK'S EVANGELICAL LUTHERAN CHURCH, WHEELING, WEST VIRGINIA

Action Electro-Pneumatic Console Detached

Casing No None Finish To Approved Sample

Decorations None *Meidinger 3.6 HP style 100-1000* Motor blower. Present DC organ power unit

Width of Key-bed Standard Stop Controls Draw Knobs & Tilting Tablets

No. Manuals Three and Pedal Wind Pressure 5"

To be Completed September 1, 1969 Blower Pipe furnished by _____ Purchaser _____

SPECIFICATIONS

FOR

REBUILDING PRESENT MOLLER ORGAN OPUS 5512 - 1929
31841 2115

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

MANUAL CHESTS Releather 833 manual pipe pouches.
Install 799 new stop action checks and eyelets.
Releather 13 stop action primaries and install new magnet plugs and armatures.
Rework present 16 Bassoon action so as to be unified #1 to #61 incl due to Pedal borrows.
Releather one 73-note primary station and install new magnet plugs and armatures.
Releather one 73-note primary station and install new magnet plugs and armatures.

OFFSET CHESTS Releather the following offset actions and install new magnet plugs and armatures:

Great 8 Principal	#1 to #12 incl.	-	12 Notes
Great 8 Spitzflöte	#1 to #6 incl.	-	6 Notes
Swell 16 Bourdon	#1 to #12 incl.	-	12 Notes
Swell 8 Viole de Gambe	#1 to #6 incl.	-	6 Notes
Swell 8 Vox Humana	#1 to #73 incl.	-	73 Notes
Pedal 16 Bourdon	#1 to #32 incl.	-	32 Notes

MANUAL RELAYS Reuse present 73 note relay and install new contact blocks as required for Swell Organ.
Install new 73 note relay for Great Organ.

SWITCHES

Install the following electro-pneumatic switches with stop actions:
Those marked with an * to be present, all others to be new.

Great 8 Principal #1 to #12 incl. - 12 Notes
Great 8 Spitzflöte #1 to # 6 incl. - 6 Notes
Great II Mixture #1 to #61 incl. - 61 Notes
Great Memorial Carillon #1 to #61 incl. - 61 Notes (mounted in console)
Great Chimes #1 to #25 incl. - 25 Notes
Great Station Cut-Out #1 to #73 incl. - 73 Notes
Swell 16 Bourdon #1 to #12 incl. - 12 Notes
Swell 8 Viole de Gambe #1 to # 6 incl. - 6 Notes
* Swell III Plein Jeu #1 to #61 incl. - 61 Notes
Swell 16 Bassoon #1 to #61 incl. - 61 Notes
* Swell 8 Vox Humana #1 to #73 incl. - 73 Notes
* Swell 4 Hautbois #1 to #61 incl. - 61 Notes
Swell Harp #1 to #49 incl. - 49 Notes
* Swell Station Cut-Out #1 to #73 incl. - 73 Notes

PEDAL ORGAN

Install new actions for Pedal 16 Bourdon #33 to #56 incl - 24 Notes.
Install new pedal relay with eight 32-note switches.

EXPRESSION

Reuse present Swell shades and actions to the greatest possible extent and install new as required for Swell Organ.

RESERVOIRS

Releather the following reservoirs and install new curtain valves where used:

One (1) 3'-0" x 4'-0" Manual Reservoir
One (1) 2'-6" x 4'-0" Manual Reservoir
One (1) 1'-6" x 2'-6" Pedal Reservoir

Provide new reservoirs as required by re-engineered organ layout.

TREMOLO

Install two new electro-pneumatic tremolos.

PIPES

Install the following new pipes:

Pedal 16 Bourdon #33 to #56 incl. - 24 Pipes

Revoice present Swell 8 Vox Humana #1 to #73 incl. - 73 Pipes.

CABLES

Install new plastic covered organ cables between console and Great and Swell Organs. (Approximately 30'-0")
Install new rubber covered action current wires between console, organs and DC organ power unit.

BLOWER

Meidinger 3.6 HP Style 140-10
Install ~~new Kinetic 5 HP Style 3P3328~~ blower for main organ.

ACTION CURRENT

Present DC organ power unit to be reused without change.

GENERAL

Entire organ to be returned to factory of M. P. Moller, Inc.,
Hagerstown, Maryland, for re-engineering and rebuilding as
specified above.

SPECIFICATIONS
FOR
CONSOLE AND ORGAN

MANUAL COMPASS CC to Ch, 61 Notes
PEDAL COMPASS CCC to G, 32 Notes
WIND PRESSURE 5" to 6"
PITCH A-440 @ 70° F

GREAT ORGAN (Unenclosed) 7

1	16	Quintaton	Console only	
2	8	Principal	Present Open Diapason pipes and action.....	73 Pipes
3	8	Spitzflöte	Present pipes, present Gross Flute action.....	73 Pipes
4	8	Dulciana	Present pipes and action.....	73 Pipes
5	4	Octave	Present pipes and present Melodia action.....	73 Pipes
6	4	Flute Harmonic ...	Present pipes and action.....	61 Pipes
7	II	Mixture	Present pipes and action.....	122 Pipes
8	IV	Fourniture	Console only	
9		Memorial Carillon (Provide switch in console C to C#1 to 61 inc. 61 Notes)		
10		Chimes	Present Deagan "M" tubes, present DC electric action and relays. A to F #22 to #42.....	21 Tubes
11		Tremolo		

SWELL ORGAN 14

12	16	Bourdon	Present pipes and action.....	73 Pipes
13	8	Gedeckt	Present Stopped Diapason pipes and action.....	73 Pipes
14	8	Viole de Gambe ...	Present pipes, present Open Diapason action.....	73 Pipes
15	8	Viole Celeste TC	Present pipes, present Vox Celeste action.....	61 Pipes
16	8	Aeoline	Present pipes and action.....	73 Pipes
17	4	Nachthorn	Present pipes, present Flute D'Amour action.....	61 Pipes
18	2	Blockflöte	Present pipes, present Salicional action.....	61 Pipes
19	III	Plein Jeu	Present pipes and action.....	183 Pipes
20	16	Bassoon	Present pipes and action.....	61 Pipes
21	8	Trompette	Present pipes, present Oboe action.....	73 Pipes
22	8	Vox Humana	Present pipes and action.....	73 Pipes
23	4	Hautbois	Present Oboe Clarion pipes and action.....	61 Pipes
24	8TC	Harp	Present Deagan bars, present action.....	49 Bars
25		Blank Draw Knob		
26		Tremolo		

ANTIPHONAL ORGAN +10

27	8	Gedeckt	Console only
28	8	Gemshorn	Console only
29	8	Gemshorn Celeste	Console only
30	4	Spitzprinzipal	Console only
31	4	Koppelflöte	Console only
32	2	Prinzipal	Console only
33	2	Waldflöte	Console only
34	II	Mixtur	Console only
35	8	Oboe Schalmei	Console only
36		Chimes	Console only
37		Blank Draw Knob	
38		Tremolo	Console only

PEDAL ORGAN (*)

39	32	Resultant	Console only	
40	16	Contrebasse	Console only	
41	16	Bourdon ...Present pipes and action #1 to #32 incl., new pipes and action #33 to #56 incl.....		56 Pipes
42	16	Quintaton	Console only	
43	16	Leiblich Gedeckt	from #12.....	32 Notes
44	8	Principal	Console only	
45	8	Bourdon	from #41.....	32 Notes
46	4	Octave	Console only	
47	4	Bourdon	from #41.....	32 Notes
48	2	Octavin	Console only	
49	II	Rauschquinte	Console only	
50	II	Acuta	Console only	
51	16	Trumpet	Console only	
52	16	Bassoon	from #20.....	32 Notes
53	8	Trumpet	Console only	
54	4	Clarion	Console only	
55	4	Bassoon	from #20.....	32 Notes
56		Chimes	from #10.....	32 Notes

(*) Pedal Organ being installed at this time to play thru new Pedal relay.

ANTIPHONAL PEDAL ORGAN

57	16	Bourdon	Console only
58	16	Gemshorn	Console only
59	8	Geigen	Console only
60	8	Gedeckt	Console only
61	4	Geigenoctav	Console only
62	4	Oboe Schalmei	Console only

COUPLERS

63	Great to Pedal	75	Great 16
64	Great to Pedal 4	76	Great Unison Off
65	Swell to Pedal	77	Great 4
66	Swell to Pedal 4	78	Swell 16
67	Antiphonal to Pedal	79	Swell Unison Off
68	Antiphonal to Pedal 4	80	Swell 4
69	Swell to Great 16	81	Swell to Antiphonal 16
70	Swell to Great	82	Swell to Antiphonal
71	Swell to Great 4	83	Swell to Antiphonal 4
72	Antiphonal to Great 16	84	Antiphonal 16
73	Antiphonal to Great	85	Antiphonal Unison Off
74	Antiphonal to Great 4	86	Antiphonal 4
		87	Antiphonal Console Cancel - not affected by pistons

ADJUSTABLE COMBINATIONS

Pistons No. 1-2-3-4-5	Affecting Great Stops
Pistons No. 1-2-3-4-5	Affecting Swell Stops
Pistons No. 1-2-3-4-5	Affecting Antiphonal Stops
Pistons No. 1-2-3-4-5	Affecting Pedal Stops (duplicated by toe studs)
Pistons No. 1-2-3-4-5	Affecting Full Organ (duplicated by toe studs)
General Cancel Piston	

PEDAL MOVEMENTS

1. Great to Pedal Reversible (duplicated by manual piston)
2. Swell to Pedal Reversible (duplicated by manual piston)
3. Antiphonal to Pedal Reversible (duplicated by manual piston)
4. Sforzando Reversible (duplicated by manual piston) with indicator light (red jewel)
5. Balanced Expression Pedal - Swell Organ
6. Balanced Expression Pedal - Antiphonal Organ (16 contacts - regular system)
7. Balanced Crescendo Pedal with indicator light (green jewel)

ACCESSORIES

Wood music rack with fluorescent light
Pedal light

Concave and radiating pedal keyboard
Organ bench with music shelf

Main organ motor starter switch mounted in console
Antiphonal Organ motor starter switch mounted in console

~~Meidinger 3.6 HP Style 140-10~~

~~NEW Kinetic 5 in Style 3P328~~ blower for main organ

Present DC organ power unit

3/10/69

WAR/bes

Rev'd 4/8/69