

M. P. MÖLLER Organ Factory

Revised May 22, 1985

September 26, 1984

Pipe Organ No. 11682 **Date** IV/53
For CATHEDRAL OF ST. PAUL, BIRMINGHAM, ALABAMA
Action Gallery - Moller's electro-mechanical Console Gallery - Detached - on glides
 Chancel - Moller's electro-pneumatic Console Chancel - Attached
Casing No. See General **Finish** As Per Sample
Decorations None **Motor** Gallery - 2.5 H.P. Meidinger 160-7
 Chancel - .15 H.P. Meidinger 602
Width of Key-bed Standard **Stop Controls** Gallery - Draw Knobs & Tilting Tablets
 Chancel - Tilting Tablets
No. Manuals GALLERY - FOUR Level
 CHANCEL - TWO 4 oz. key touch **Wind Pressure** See Scale Sheets
To be Completed November 1, 1985 **Blower Pipe furnished by** Purchaser

PITCH: A-440

SPECIFICATIONS

FOR
GALLERY CONSOLE AND ORGAN

GENERAL: Entire organ to be encased in the classical manner according to plans submitted by the builder and to be approved by the Cathedral. Case wood and finish to be approved by the Cathedral. Facade pipes to be made of polished zinc, seamed only at the back.

finished to approval sample

Console cabinet design and knob and manual layout to be subject to approval of consultant. Manual keys to be made of bone naturals with walnut sharps; pedal sharps to be made of walnut. Drawknobs to be of walnut with white maple faces; tilting tablets and piston faces to be of white maple.

Tonal finishing to be executed in the Cathedral by the Tonal Director, subject to advice from consultant.

GREAT ORGAN - Unenclosed (Manual II)†

1.	16'	Violone.....	38/48.....	17-1/2.....	29	Zinc S.M.....	73 pipes
2.	8'	Principal.....	44.....	17-1/2.....	17	Zinc S.M.....	61 pipes
3.	8'	Bordun.....	54.....	21-1/2.....	17	Zinc S.M.....	61 pipes
4.	8'	Violone.....	from #1.....				61 notes
5.	4'	Octave.....	57.....	18-1/2.....	5	Zinc S.M.....	61 pipes
6.	4'	Waldflöte.....	54.....	17-1/2.....	5	Zinc S.M.....	61 pipes
7.	2'	Super Octave	69.....	17-1/2.....		S.M.....	61 pipes
8.	II Rks.	Cornet TC	Formula "A"			S.M.....	98 pipes
9.	III-V Rks.	Mixture.....	Formula "B"			S.M.....	257 pipes
10.	8'	Trompete	3"	30-1/2.....		Zinc & S.M.....	61 pipes

GALLERY ORGANSWELL ORGAN - Expressive (Manual III) ¹⁶

11.	16'	Rohrbass.....40/54.....21-1/2.....29	Zinc C.M.....73	pipes
12.	8'	Spitzprincipal....45-2/3....17-1/2.....17	Zinc S.M.....61	pipes
13.	8'	Rohrflöte.....from #11.....	61	notes
14.	8'	Viole52.....18-1/2.....17	Zinc S.M.....61	pipes
15.	8'	Viole Celeste....58/64....18-1/2.....17	Zinc S.M.....61	pipes
16.	4'	Octave56.....17-1/2.....5	Zinc S.M.....61	pipes
17.	4'	Spitzflöte.....56-1/2....17-1/2.....5	Zinc S.M.....61	pipes
18.	2-2/3'	Nazard62.....17-1/2.....	S.M.....61	pipes
19.	2'	Blockflöte64-3/4 ...17-1/2.....	S.M.....61	pipes
20.	1-3/5'	Terz.....70.....17-1/2.....	S.M.....61	pipes
21.	III-V Rks.	Scharf.....Formula "C".....	S.M.....257	pipes
22.	16'	Contre Hautbois...CCC 3" #1-12 1/2 L..Reg. Oboe	Zinc & S.M....73	pipes
23.	8'	Trompette.....3"Reg.....	Zinc & S.M....73	pipes
24.	8'	Hautbois.....from #22.....	61	notes
25.	8'	Vox Humana (console preparation)		
26.	4'	Clairon.....from #23 (prepare for future pipes & action)..	61	notes
27.		Tremulant (electric)		

POSITIF - Expressive (Manual I) ¹³

28.	16'	Gedackt.....(console preparation)		
29.	8'	Holzgedackt.....Reg. Stpd. Flute	Wood.....61	pipes
30.	8'	Gemshorn.....52-1/3....17-1/2	12 Zinc S.M.....61	pipes
31.	8'	Gemshorn Celeste...56-1/3 / 64-1/3...17-1/2...12	Zinc S.M.....61	pipes
32.	4'	Principal.....56-2/3....17-1/2.....5	Zinc S.M.....61	pipes
33.	4'	Koppelflöte.....55/64....17-1/2.....12	Zinc S.M.....61	pipes
34.	2'	Octave.....71.....17-1/2.....	S.M.....61	pipes
35.	1-1/3'	Quint.....77.....17-1/2.....	S.M.....61	pipes
36.	III-V Rks.	Zimbel.....Formula "D".....	Tin.....257	pipes
37.	8'	Cromorne....1-5/8"....Reg....Dulzian Patt.....	Zinc & C.M....61	pipes
38.		Tremulant (electric)		
39.		Zimbelstern	4	bells

CHANCEL ORGAN - Unenclosed (Manual IV) ²

40.	8'	Singendgedackt		
41.	4'	Principal		
42.	4'	Spillflöte		
43.	2'	Blockflöte		
44.	1-1/3'	Larigot		
45.	1'	Klein Principal		

FANFARE ORGAN - Unenclosed (Manual IV) ¹

46.	8'	Festival Trumpet.....3-1/2" Reg.....	Zinc & S.M.....61	pipes
47.		Chimespresent tubes, new action.....	21	bells

GALLERY ORGANCHANCEL PEDAL ORGAN

48.	16'	Bass Gedackt
49.	8'	Rohrgedackt

PEDAL ORGAN *

* 50.	32'	Untersatz.....BBBB	12" x 10-1/4" O.D.....	Wood.....	39 pipes
51.	16'	Principal.....	33/43.....	17-1/2	29 Zinc S.M.....44 pipes
52.	16'	Subbass.....	from #50...CCC	LBS.....	32 notes
53.	16'	Violone.....	from #1.....		32 notes
54.	16'	Rohrbass	from #11.....		32 notes
55.	8'	Octave	from #51.....		32 notes
56.	8'	Hohlfloete.....	48/58/68.....	18-1/2.....	17 Zinc C.M.....44 pipes
57.	8'	Rohrfloete.....	from #11.....		32 notes
58.	4'	Choralbass.....	56	17-1/2.....	5 Zinc S.M.....32 pipes
59.	4'	Hohlfloete.....	from #56.....		32 notes
60.	IV Rks.	Mixture.....	Formula "E"	S.M.....	128 pipes
61.	32'	Contre Bombarde (1/2 L #1-12) CCCC 8", CCC 7", Reg. Zinc & S.M....			56 pipes
62.	16'	Bombarde.....	from #61.....		32 notes
63.	16'	Contre Hautbois...from #22.....			32 notes
64.	8'	Trompette	from #61.....		32 notes
65.	4'	Hautbois.....	from #22.....		32 notes

* Prepare for CCCC thru EEEE

COUPLERS

66.	Great to Pedal 8'	83.	Swell to Positif 16'
67.	Swell to Pedal 8'	84.	Swell to Positif 8'
68.	Swell to Pedal 4'	85.	Swell to Positif 4'
69.	Positif to Pedal 8'	86.	Chancel to Positif 8'
70.	Positif to Pedal 4'	87.	Fanfare to Positif 16'
71.	Chancel to Pedal 8'	88.	Fanfare to Positif 8'
72.	Fanfare to Pedal 8'	89.	Great to Chancel 8'
73.	Fanfare to Pedal 4'	90.	Swell to Chancel 8'
74.	Swell to Great 16'	91.	Positif to Chancel 8'
75.	Swell to Great 8'	92.	Great Unison Off
76.	Swell to Great 4'	93.	Swell 16'
77.	Positif to Great 16'	94.	Swell Unison Off
78.	Positif to Great 8'	95.	Swell 4'
79.	Positif to Great 4'	96.	Positif 16'
80.	Chancel to Great 8'	97.	Positif Unison Off
81.	Fanfare to Great 8'	98.	Positif 4'
82.	Great to Positif 8'	99.	Chancel Unison Off
		100.	Fanfare 16'
		101.	Fanfare Unison Off
		102.	Fanfare 4'

GALLERY ORGANMISCELLANEOUS CONTROL

Gallery - Both - Chancel

by jamb pistons with indicator lights

ADJUSTABLE COMBINATIONS

Solid State Capture System with four memories

Pistons No. 1-2-3-4-5-6-7-8

Affecting Great

Pistons No. 1-2-3-4-5-6-7-8

Affecting Swell

Pistons No. 1-2-3-4-5-6-7-8

Affecting Positif

Pistons No. 1-2-3-4-5-6-7-8

Affecting Chancel & Fanfare

Toe Studs No. 1-2-3-4-5-6-7-8

Affecting Pedal

Pistons No. 1-2-3-4-5-6-7-8-9-10-11-12

Affecting Full Organ (duplicated by toe stud

General Cancel

Setter Piston

Combination lock (A, B, C to lock. D to remain unlocked at all times) Key to be different
from blower keys and to remove from either position.

Selector A, B, C, D

PEDAL MOVEMENTS

Great to Pedal Reversible

Swell to Pedal Reversible (remove 4' in off motion)

Positif to Pedal Reversible (remove 4' in off motion)

Tutti Reversible (duplicated by manual piston) with indicator light

32' Untersatz Reversible

32' Contre Bombarde Reversible

Zimbelstern Reversible

Balanced Expression Pedal - Swell Organ

Balanced Expression Pedal - Positif Organ

Balanced Crescendo Pedal with indicator light

ACCESSORIES

Concave, radiating pedal clavier with "S" sharps

Organ bench with music shelf and height adjustment blocks

Transparent music rack with light) Lights to operate with main blower switch

Light for pedal clavier)

Rolltop for console

Motor, blower and action power unit of ample capacity

Key operated motor switches for Gallery and Chancel Organs.

DMG/mr

5/28/85

SPECIFICATIONS
FOR
CHANCEL CONSOLE AND ORGAN

(1) ORGAN

Cabinet	Special with doors over exposed pipes and mouldings
Wood & Finish	Rift Sawn Oak to customer's sample
Action	Electro-Pneumatic (unit type)
Wind Pressure	See Pipe Analysis
Pitch	A-440 @ 70°F

(2) CONSOLE (Attached)

Wood & Finish	Rift Sawn Oak to customer's sample
Manual	Two and Pedal
Manual Compass	CC to C4, 61 notes
Pedal Compass	CCC to G, 32 notes
Stop Controls	Tilting Tablets
Action	All Electric with under-key contacts

(3) BLOWER (mounted in organ cabinet)

Type	Meidinger 602 - .15 HP - 3360 RPM
Wind	120 c.f.m. @ 4-1/4" - 3-1/8" outlet
Current Specification	1 Phase - 60 Cycles - 120 Volts - 2.2 Amperes

(4) POWER UNIT (mounted in organ cabinet)

Rating	DC Output 13.8 Volts - 3 Amperes
AC Input	1 Phase - 60 Cycles - 120 Volts - 1 Ampere +

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MANUAL I

1	8	Singendgedackt-----	90 pipes
2	4	Principal-----	78 pipes
3	2	Blockflöte -----from #1-----	61 notes
4	1-1/3	Quint-----from #2--(repeat 2 top notes)-----	61 notes

MANUAL II

5	8	Singendgedackt-----from #1-----	61 notes
6	4	Spillflöte -----from #1-----	61 notes
7	2	Principal-----from #2-----	61 notes
8	1	Klein Octave-----from #1--(repeat 7 top notes)-----	61 notes

PEDAL ORGAN

9	16	Bass Gedackt-----12 pipes, 20 from #1-----	32 notes
10	8	Gedackt-----from #1-----	32 notes
11	4	Principal-----from #2-----	32 notes

CHANCEL ORGANACCESSORIES

Concave, radiating pedal clavier with "S" sharps

Organ bench with music shelf and adjustment blocks

Rigid wood music rack with light

Pedal light

Motor and power unit on-off switch (lock type) with indicator light (amber jewel)
and related electrical wiring.

RVK/mr
5/28/85