

Casavant Opus: 2670 *Contract Specification Date:* August 9, 1960
Location: Westminster Presbyterian Church – Main Organ
Dayton, Ohio
Installation Date: July 1962
Key Action: Electro-pneumatic *Stop Action:* Electro-pneumatic (Pitman)
Console / Keydesk: 4 manuals Fixed in place With rolltop cover
Console Location: Detached
Stop Controls: Drawknobs *Arrangement:* Vertical rows on angled jambs
Manual Compass: 61 notes *Pedal Compass:* 32 notes
Expressive Divisions: Swell, Choir and Solo
Tonal Director: Lawrence Phelps
Case / Façade: The organ is located in chambers on either side of the chancel with
exposed pipes cantilevered into the chancel.

Specification – Main Organ

<i>Stop</i>		<i>Feet</i>	<i>Pipes</i>
Great Organ (II)			
1. Quintaton		16	61
2. Principal		8	61
3. Bourdon		8	61
4. Gemshorn		8	61
5. Octave		4	61
6. Spitzflöte		4	61
7. Nasat		2-2/3	61
8. Superoctave		2	61
9. Blockflöte		2	61
10. Mixture IV		1-1/3	244
11. Scharff IV		2/3	244
12. Trompette Harmonique	<i>(Solo Organ)</i>	8	--
Great 16'			
Great Unison Off			
Chimes	<i>(Solo Organ)</i>		
Gallery Great to Great			
Gallery Swell to Great			
Swell Organ (III)			
13. Contre Viole	<i>(extension of No. 18)</i>	16	12
14. Geigen Principal		8	68
15. Rohrflöte		8	68
16. Flauto Dolce	<i>(existing)</i>	8	68
17. Flauto Dolce Céleste	<i>(TC, existing)</i>	8	56
18. Viole de Gambe		8	68
19. Voix Céleste	<i>(CC)</i>	8	68
20. Geigen Octave		4	68
21. Nachthorn		4	68
22. Waldflöte		2	61

Swell Organ (continued)

23.	Fourniture IV	2	244
24.	Cymbal III	1	183
25.	Bombarde	16	68
26.	Trompette	8	68
27.	Hautbois	8	68
28.	Clairon	4	68
	Tremulant		
	Swell 16'		
	Swell Unison Off		
	Swell 4'		
	Gallery Swell to Swell		

Choir Organ (I)

29.	Cor de Nuit	16	61
30.	Salicional	8	61
31.	Lieblichgedackt	(wood)	8 61
32.	Erzähler	8	61
33.	Erzähler Céleste	(CC)	8 61
34.	Spitzprincipal	4	61
35.	Lieblichflöte	4	61
36.	Nazard	2-2/3	61
37.	Spitzoctave	2	61
38.	Kleinmixture IV	1/2	244
39.	Basson	(half length resonators)	16 61
40.	Clarinet	8	61
41.	Rohrschalmei	4	61
	Tremulant		
	Choir 16'		
	Choir Unison Off		
	Choir 4'		
	Gallery Great to Choir		
	Harp	(existing)	
	Celesta	(existing)	

Positiv (I)

42.	Nasonflöte	8	61
43.	Prestant	4	61
44.	Koppelflöte	4	61
45.	Bachflöte	2	61
46.	Quintflöte	1-1/3	61
47.	Sifflöte	1	61
48.	Sesquialtera II	2-2/3	122
49.	Zimbel III	1/4	183
50.	Krummhorn	8	61
	Tremulant		

Solo (IV)

51.	Orchestral Flute		8	61
52.	Violoncelle		8	61
53.	Violoncelle Céleste	(GG)	8	54
54.	Fugara		4	61
55.	English Horn		8	61
56.	French Horn	(existing)	8	61
	Tremulant			
57.	Trompette Harmonique		8	61
	Solo 16'			
	Solo Unison Off			
	Solo 4'			
	Chimes	(existing)		
	Gallery Organ to 4 th Manual			

Pedal Organ

58.	Untersatz	(extension of No. 60)	32	12
59.	Contrabass	(wood)	16	32
60.	Bourdon	(small scale wood)	16	32
61.	Quintaton	(from No. 1)	16	--
62.	Viole	(from No. 13)	16	--
63.	Cor de Nuit	(from No. 29)	16	--
64.	Principal		8	32
65.	Flute Conique		8	32
66.	Cor de Nuit	(from No. 29)	8	--
67.	Octave Viole	(from No. 18)	8	--
68.	Quinte		5-1/3	32
69.	Choralbass		4	32
70.	Rohrgedackt		4	32
71.	Italian Principal		2	32
72.	Fourniture IV		2-2/3	128
73.	Kontraposaune		32	32
74.	Posaune	(extension of No. 73)	16	12
75.	Bombarde	(from No. 25)	16	--
76.	Basson	(from No. 39)	16	--
77.	Octav Posaune	(extension of No. 74)	8	12
78.	Krummhorn	(from No. 50)	8	--
79.	Rohrschalmei	(from No. 41)	4	--
80.	Rohrschalmei	(from No. 41)	2	--
	Pedal Silent			
	Gallery Pedal to Pedal			
	Chimes	(Solo Organ)		

Gallery Great Organ

81.	Singend Gedeckt	(<i>extension of No. 83</i>)	16	12
82.	Salicional		8	61
83.	Singend Gedeckt		8	61
84.	Octave		4	61
85.	Superoctave		2	61
86.	Mixture IV		1-1/3	244
87.	Trompette-en-chamade		8	61
	Great Unison Off			
	Great 4'			
	Swell to Great 16'			
	Swell to Great 8'			
	Swell to Great 4'			

Gallery Swell Organ

88.	Rohrflöte		8	61
89.	Viola		8	61
90.	Viola Céleste	(<i>CC</i>)	8	61
91.	Spitzprinzipal		4	61
92.	Blockflöte		2	61
93.	Quinte		1-1/3	61
94.	Cymbale III		1/2	183
95.	Fagott	(<i>half length resonators</i>)	8	61
	Tremulant			
	Swell 16'			
	Swell Unison Off			
	Swell 4'			
96.	Trompette-en-chamade	(<i>Great Organ</i>)	8	--

Gallery Pedal Organ

97.	Soubasse		16	32
98.	Singend Gedeckt	(<i>from No. 81</i>)	16	--
99.	Principal Étroit		8	32
100.	Singend Gedeckt	(<i>from No. 83</i>)	8	--
101.	Blockflöte		4	32
102.	Posaune	(<i>half length resonators</i>)	16	32
103.	Trompette-en-chamade	(<i>Great Organ</i>)	8	--

Couplers

Great to Pedal	8	
Gallery Great to Pedal	8	4
Swell to Pedal	8	
Gallery Swell to Pedal	8	4

Couplers (continued)

Choir to Pedal	8	4
Positiv to Pedal	8	
Solo to Pedal	8	4
Swell to Great	16	8 4
Choir to Great	16	8 4
Positiv to Great	16	8
Solo to Great	16	8 4
Swell to Choir	16	8 4
Solo to Choir	8	
Positiv Only		
Choir Only		
Gallery Off		
Main Off		

Combination Action

Type: Capture system

<i>Department</i>	<i>Thumb</i>	<i>Toe</i>
Great	7	
Swell	7	
Choir - Positif	8	
Solo	4	
Gallery Great & Pedal	3	
Gallery Swell	3	
Pedal	7	7
General	10	10
General Cancel		
Adjuster		
Pedal combinations to Great		On-Off

Reversible Pistons

Great to Pedal	Thumb & Toe
Swell to Pedal	Thumb
Positiv to Pedal	Thumb
Choir to Pedal	Thumb
Solo to Pedal	Thumb & Toe
Positiv to Great	Thumb
Choir Only	Thumb
Positiv Only	Thumb
Gallery Off	Thumb & Toe
Main Off	Thumb & Toe
Untersatz 32'	Thumb & Toe
Tutti I	Thumb & Toe
Tutti II	Thumb & Toe

Balanced Pedals

Swell Expression
Gallery Swell Expression
Choir Expression
Solo Expression
Crescendo on all stops and couplers

Main Organ Analysis ¹

Division	Registers	Stops	Ranks	Pipes
Great Organ	12	11	17	1037
Swell Organ	16	15	20	1304
Choir Organ	13	13	16	976
Positiv Organ	9	9	12	732
Solo Organ	7	7	7	420
Pedal Organ	23	10	13	452
Total	80	65	85	4921

Gallery Organ Analysis

Division	Registers	Stops	Ranks	Pipes
Great Organ	7	6	9	561
Swell Organ	9	8	10	610
Pedal Organ	7	4	4	128
Total	23	18	23	1299

Total	103	83	108	6220
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Notes ²

The information found in this document comes from the original contract located in the archives of Casavant Frères in Saint-Hyacinthe, Québec.

Opus 2670 was the largest of three organs commissioned by Westminster Presbyterian Church in Dayton, Ohio, all specifications bearing the date of August 9, 1960. Opus 2646, a two manual organ for the Chapel, and Opus 2647, the Gallery Organ, were installed in September 1961. The main instrument was installed in July 1962.

¹ The term "Registers" refers to the total number of speaking stops including duplexed and extended stops but excluding couplers, tremulants and controls. "Stops" refers to the total number of independent or straight stops excluding duplexed and extended stops as well as couplers and controls.

² The information contained herein was researched by Stanley R. Scheer, Vice President Emeritus-Casavant Frères – June 23, 2007

In 1991 the console was rebuilt with a 16 level solid-state electronic combination action. Between the original installation and 1991 the following additions had been made to the original specification.

Great:	Terz	1-3/5	61
Swell:	Sesquialtera II	2-2/3	122
Choir:	Symphonic Strings V	8	
	Zimbelstern		
Positiv:	Trompette Harmonique (<i>Solo Organ</i>)	8	--
Solo :	Vox Humana	8	61
	Tuba Magna	8	61
Pedal :	Gravissima	64	--
	Resultant	32	--
	Offenflöte	8	32
	Nachthorn	2	32
The following stop had been removed from the specification.			
Pedal:	Krummhorn (<i>Choir Organ</i>)	8	--



Photograph: Casavant Frères Archives