

## Organ Specification

### POSITIV

			PIPES
1. Rohrflöte	8'		61
2. Dulciana	8'	ex Great Salicional with 12 new	61
3. Principal	4'		61
4. Koppelflöte	4'		61
5. Nazard	2 2/3	ex Swell Sesq rank 1 rescaled	61
6. Octave	2'		61
7. Terz	1 3/5	ex Swell Sesq rank 2 rescaled	61
8. Quint	1 1/3		61
9. Sifflöte	1'		61
10. Scharf 26, 29, 33	III		183
11. Krummhorn	8'		61
12. Trumpet	8'	from Great	
13. Trompette en Chamade	8'		61

- (a) Tremulant
- (b) Swell to Positiv
- (c) Great to Positiv
- (d) Positiv Sub Octave
- (e) Positiv Unison Off
- (f) Positiv Octave

### GREAT

			PIPES
14. Bourdon	16'	from Swell	
15. Open Diapason No.1	8'		61
16. Open Diapason No.2	8'	from no. 40	19
17. Claribel Flute	8'		61
18. Gedeckt	8'		61
19. Principal	4'	Octave 4' renamed	61
20. Flute	4'		61
21. Twelfth	2 2/3		61
22. Fifteenth	2'		61
23. Mixture 19, 22, 26	III		183
24. Double Trumpet	16'		12
25. Trumpet	8'		61
26. Clarion	4'		12

- (g) Positiv to Great
- (h) Swell to Great

### SWELL

			PIPES
27. Bourdon	16'		61
28. Open Diapason	8'		61
29. Hohlflöte	8'		61
30. Viola da Gamba	8'		61
31. Voix Celeste t.c.	8'		49
32. Principal	4'	New	61
33. Traversflöte	4'		61
34. Flageolet	2'		61
35. Mixture 19, 22, 26, 29	III-IV		232
36. Contra Cornopean	16'	New	12
37. Cornopean	8'		61
38. Oboe	8'		61
39. Octave Cornopean	4'	from no. 37 new	12

- (i) Swell Sub Octave
- (j) Swell Unison Off
- (k) Swell Octave
- (l) Tremulant

PEDAL			PIPES
40. Acoustic Bass	32'	derived	
41. Open Diapason	16'		30
42. Violone	16'	New	30
43. Sub Bass	16'		30
44. Bourdon	16'	from Swell	
45. Principal	8'	partly from Great	12
46. Violoncello	8'	from no. 42 new	12
47. Flute	8'	from no. 43	12
48. Fifteenth	4'	partly from Great	12
49. Blockflöte	2'		30
50. Mixture 17, 19, 22	III	ex Swell Octave & existing	90
51. Contra Posaune	32'		30
52. Trumpet	16'	from Great	
53. Contra Cornopean	16'	from Swell	
54. Trumpet	8'	from Great	
55. Clarion	4'	from Great	

- (m) Positiv to Pedal 8  
 (n) Great to Pedal 8  
 (o) Swell to Pedal 8  
 (p) Positiv to Pedal 4  
 (q) Great to Pedal 4  
 (r) Swell to Pedal 4  
 (s) Great & Pedal Pistons Coupled

**TOTAL NUMBER OF PIPES:** 2,710

#### ACCESSORIES

6 adjustable thumb pistons to Positiv  
 6 adjustable thumb pistons to Great  
 6 adjustable thumb pistons to Swell  
 6 adjustable toe pistons to Pedal  
 6 toe pistons duplicating swell thumb pistons  
 8 General thumb pistons  
 Great to Pedal reversible thumb & toe pistons  
 Swell to Great reversible thumb & toe pistons  
 Positiv to Great reversible thumb piston  
 Contra Posaune 32 reversible toe piston  
 General Cancel thumb piston  
 Setter thumb piston  
 Wedding light reversible toe piston  
 Balanced mechanical swell expression  
 All pistons adjustable on 10 levels of memory

#### CONSOLE

Detached / stop knob / coupler tabs

#### COMPASS

Manuals: CC to C – 61 notes  
 Pedals: CCC to F – 30 notes

#### ACTION

Electro-pneumatic  
 Solid-state switching & coupling system

#### WIND PRESSURES

Great:	3 5/8 inches	Pedal:	3 1/2 inches
Positiv:	3 1/4 inches	Trumpet:	5 1/2 inches
Swell:	3 1/2 inches	Horizontal Trumpet:	5 1/2 inches

# Organ Refurbishment

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## Historical Notes

When Bethlehem Lutheran Church was opened in Flinders Street in 1872 it had a modest organ built by J.W. Wolff. This organ had a single-manual, pedal board and six stops.

In 1883 Mr (later Professor) I G Reimann returned to Adelaide from musical studies in Germany, bringing with him a one-manual-and-pedal pipe-organ built by Backmann of Berlin (c. 1878). This organ was first installed in Mr Reimann's Adelaide College of Music in Wakefield Street. The organ was rebuilt and installed in the gallery of Bethlehem Lutheran Church in 1888. The Backmann organ had a single-manual, pedals and 6 stops with 350 pipes.

### **Specification:**

*Manual:* Bourdon 16', Prinzipal 8', Gamba (TF) 8', Flöte 8', Octav 4', Quinte 2 2/3' and Super-octav 2'.

*Pedal:* Bourdon 16' and Violone 8'.

In 1904 the organ was relocated to the front left of the church; it was enlarged by J.E. Dodd with the addition of a second manual, with additional pipes by Fincham's of Melbourne. The organ now had two manuals, pedals, 19 stops, 3 couplers and 936 pipes.

### **Specification:**

*Great:* Bourdon 16', Open Diapason 8', Claribel 8', Gedeckt 8', Dulciana (TC) 8', Octave 4', Mixture II (12, 15) and Clarinet 8'.

*Swell:* Bourdon 16', Open Diapason 8', Hohlflute 8', Gamba 8', Octave 4', Flauto traverso 4' and Oboe 8'.

*Pedal:* Bourdon 16', Violone 16' and Flute 8'.

In 1958 the organ was again rebuilt and extended by J.E. Dodd and Sons, Gunstar Organ Works, Plympton, South Australia. The organ was again relocated to the gallery. This was a major alteration with the addition of a third manual, the action altered to electro pneumatic, the console action converted to electric and the blower replaced with a silent discus fan. New pipework for this extension was sourced from Laukhuffs of Germany and Palmers of England. The organ now consisted of 43 stops, 22 couplers and 2193 pipes.

Additions since 1958 have been 3 stops and 1 coupler in 1985 and 354 pipes in 1987. The James B. Thiele memorial horizontal trumpet stop of 56 pipes was added in 1998. The organ now before its current rebuild consisted of 3 manuals – Positiv, Great and Swell – and Pedal organ, having 47 stops, 23 couplers and 2603 pipes.

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## Refurbishment

By 2000/2001 it became clear that the organ was in need of considerable repair work, both to fabric and function. The Organ Refurbishment Committee (ORC) was formed in November 2001 to oversee the work, and Lewis Heritage Consultants of Unley Park, SA was appointed as Consultant and Project Manager.

The Committee developed four aims:

- to restore full function to the instrument, integrating 21<sup>st</sup> century technologies;
- to undertake steps to conserve the organ for future generations;
- to incorporate the 32' Pedal Reed rank, which had been part of the former Adelaide Town Hall organ;



- to complete the organ by adding timber casework and façade pipes.

The refurbishment and updating of the instrument was undertaken by Australian Pipe Organs Pty Ltd (APO) of Keysborough, Victoria. The new timber casework was manufactured and installed by Panczak & Willenberg Pty Ltd of Magill, SA, to a design by Roger Lewis of Lewis Heritage Consultants. Incidental work has been carried out by a number of other local individuals and companies.

The organ was removed from the church in April 2004 and the pipes and other components were shipped to APO workshops in Victoria to allow the extensive refurbishment work to be carried out. The organ has been progressively re-installed in the church gallery over the past six months, and it will be played publicly for the first time at the worship services on Sunday, 11 December 2005. Once again the "Voice Mighty in Praise" will be heard.

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#### Appointed Organists since 1891

1891 - 1931	Immanuel G Reimann
1932 - 1934	Hugh King
1934 - 1948	Martin J Darsow
1948 - 1997	James B Thiele
1997 -	David J Mibus

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#### Acknowledgements

##### **Organ Refurbishment Committee:**

Timothy Pietsch (Chairman), David Mibus, Daryl Gogel, Ray Clark, Merv Adam, Russell Hermann, Clive Richardson, Bryon Andretzke (Roger Lewis as external consultant)

##### **Assistance from Bethlehem Members:**

Andrew Hillier, Felicity Evans, Corey Obst, Noel Traeger, Christine Longmire

<b>Organ Consultant:</b>	Roger Lewis, Lewis Heritage Consultants, Unley Park, SA
<b>Organ Builder:</b>	Australian Pipe Organs Pty Ltd, Keysborough, Vic.
<b>Organ Tuner:</b>	Richard Larritt, Clarence Park, SA
<b>Organ Case Builders:</b>	Panczak and Willenberg Pty Ltd, Magill, SA
<b>Consulting Engineers:</b>	Dare Sutton Clarke, Adelaide, SA
<b>Pipe Painter:</b>	Magill Motorbodies, Magill, SA
<b>Wood Carver:</b>	Kim Bellette, Hawthorndene, SA
<b>Decorator:</b>	Lyell Rosenzweig, Tanunda, SA

##### **Organ Fundraising Committee:**

John Halbert (Chairman), Lois Christiansen, June Koch, Christine Longmire

##### **Sunday morning trading table:**

Betty Mattiske

***Soli Deo Gloria***