

The Bicentennial Organ

Saint James' Church

Sydney, New South Wales, Australia

Dobson Pipe Organ Builders Ltd

Lake City, Iowa, USA

Opus 99, 2024

GREAT (II; 4" pressure)

Unenclosed

16	Double Diapason	<i>wood, zinc & 85% tin, partly in façade</i>	61	pipes
8	First Diapason	<i>85% tin, partly in façade</i>	61	pipes
8	Second Diapason	<i>85% tin, partly in façade</i>	61	pipes
4	Octave	<i>52% tin</i>	61	pipes
2 $\frac{2}{3}$	Twelfth	<i>52% tin</i>	61	pipes
2	Fifteenth	<i>52% tin</i>	61	pipes
1 $\frac{3}{5}$	Seventeenth	<i>52% tin</i>	61	pipes
IV	Mixture 19.22.26.29	<i>52% tin</i>	244	pipes

Enclosed with Choir

8	Hohl Flute	<i>wood & 30% tin</i>	61	pipes
8	Gamba	<i>52% tin</i>	61	pipes
4	Harmonic Flute	<i>30% tin</i>	61	pipes
8	Trumpet	<i>52% tin</i>	61	pipes
	Tremulant			
8	Tuba	<i>Solo</i>		

Swell to Great
Choir to Great
Solo to Great
Pedal to Great

SWELL (III, enclosed; 4" pressure)

16	Lieblich Gedeckt	<i>wood & 30% tin; 1-12 from previous organ</i>	61	pipes
8	Diapason	<i>52% tin</i>	61	pipes
8	Viole de Gambe	<i>52% tin</i>	61	pipes
8	Voix Celeste	<i>FF, 52% tin</i>	56	pipes
8	Lieblich Gedeckt	<i>extension of Lieblich Gedeckt 16</i>	12	pipes
4	Octave	<i>52% tin</i>	61	pipes
4	Traverse Flute	<i>wood & 30% tin, harmonic</i>	61	pipes
2	Fifteenth	<i>52% tin</i>	61	pipes
IV	Mixture 15.19.22.26	<i>52% tin</i>	244	pipes
16	Waldhorn	<i>zinc & 52% tin; full length</i>	61	pipes
8	Cornoepen	<i>52% tin</i>	61	pipes
8	Oboe	<i>52% tin</i>	61	pipes
8	Vox Humana	<i>ex Skinner Op. 404 (1923), revoiced</i>	61	pipes
4	Clarion	<i>52% tin</i>	61	pipes
	Sub Octave			
	Super Octave			
	Unison Off			
	Tremulant			
	Solo to Swell			

CHOIR (I, enclosed; 4" pressure)

8	Stopped Diapason	<i>wood & 30% tin</i>	61	pipes
8	Gamba	<i>Great</i>		
8	Flauto Dolce	<i>30% tin</i>	61	pipes
8	Flute Celeste	<i>FF, 30% tin</i>	56	pipes
4	Chimney Flute	<i>30% tin</i>	61	pipes
2 $\frac{2}{3}$	Nazard	<i>30% tin</i>	61	pipes
2	Piccolo	<i>30% tin, harmonic</i>	61	pipes
1 $\frac{3}{5}$	Tierce	<i>30% tin</i>	61	pipes
8	Basset Horn	<i>30% tin</i>	61	pipes
	Tremulant			
8	Tuba	<i>Solo</i>		
	Sub Octave			
	Super Octave			
	Unison Off			
	Great to Choir			
	Swell to Choir			
	Solo to Choir			
	Pedal to Choir			

SOLO (IV, enclosed within Choir; 7" pressure, Tuba 15" pressure)

16	Contre Viole	<i>wood & zinc, extension of Viole d'Orchestre</i>	8	12	pipes
8	Harmonic Flute	<i>30% tin, harmonic</i>		61	pipes
8	Viole d'Orchestre	<i>85% tin</i>		61	pipes
8	Viole Celeste	<i>FE, 85% tin</i>		56	pipes
4	Orchestral Flute	<i>extension of Harmonic Flute</i>	8	12	pipes
4	Viole Octaviant	<i>extension of Cornet des Violes Rk. III</i>		12	pipes
III	Cornet des Violes	<i>10.12.15 85% tin</i>		183	pipes
16	Bassoon	<i>extension of Orchestral Oboe</i>	8	12	pipes
8	Orchestral Oboe	<i>zinc, brass & 52% tin</i>		61	pipes
	Tremulant				
8	Basset Horn	<i>Choir</i>			
8	Tuba	<i>52% tin, 19-56 harmonic</i>		61	pipes
	Sub Octave				
	Super Octave				
	Unison Off				

PEDAL (6" pressure)

32	Double Open Wood	<i>digital</i>			
32	Contra Salicional	<i>digital</i>			
16	Open Wood	<i>wood</i>		32	pipes
16	Open Metal	<i>Great Double Diapason</i>	16		
16	Bourdon	<i>wood</i>		32	pipes
16	Contre Viole	<i>Solo Contre Viole</i>	16		
16	Lieblich Gedeckt	<i>Swell Lieblich Gedeckt</i>	16		
8	Octave	<i>85% tin, partly in façade</i>		32	pipes
8	Octave Wood	<i>extension of Open Wood</i>	16	12	pipes
8	Bass Flute	<i>extension of Bourdon</i>	16	12	pipes
8	Still Gedeckt	<i>from Swell Lieblich Gedeckt</i>	16		
4	Fifteenth	<i>extension of Octave</i>	8	12	pipes
4	Octave Flute	<i>extension of Open Wood</i>	16	12	pipes
32	Grand Harmonics	<i>various</i>			
32	Contra Trombone	<i>extension of Trombone</i>	16	12	pipes
16	Trombone	<i>zinc & 52% tin</i>		32	pipes
16	Waldhorn	<i>Swell Waldhorn</i>	16		
8	Trumpet	<i>extension of Trombone</i>	16	12	pipes
4	Clarion	<i>extension of Trombone</i>	16	12	pipes
4	Basset Horn	<i>from Choir Basset Horn</i>	8		
8	Tuba	<i>Solo</i>			
	Great to Pedal				
	Swell to Pedal				
	Choir to Pedal				
	Solo to Pedal				
	Pedal Unison Off				

ADDITIONAL CONTROLS

- All Swells to Swell (thumb piston & lamp)
- Choir Expression on Solo (thumb piston & lamp)
- Nave Expression Off (drawknob; closes Swell and Choir nave-facing shade fronts)
- Generals on Swell Toe Pistons (drawknob)
- Great & Pedal Pistons Combined (drawknob)
- Pedal Divide

DETAILS OF CONSTRUCTION

- Four-manual console with drawknobs in angled vertical jambs
- Manual keyboards have bone naturals with ebony sharps
- Pedalboard has hard maple naturals and rosewood sharps
- Rosewood drawknobs with bone-coloured faces and black engraving
- Rosewood Swell, Choir, and Solo expression shoes
- Dimmable lamps for Solo keys and Pedal keys
- Bench with crank-type height adjustment
- Electric key and stop actions
- Solid State Organ Systems combination action
 - 300 levels of general memory
 - 16 levels of divisional memory
 - 16 general thumb pistons
 - 8 Great divisional thumb pistons
 - 8 Swell divisional thumb and toe pistons
 - 8 Choir divisional thumb pistons
 - 8 Solo divisional thumb pistons
 - 8 Pedal divisional toe pistons
 - Swell to Great reversible thumb piston
 - Solo to Great reversible thumb piston
 - Solo to Swell reversible thumb piston
 - Swell to Choir reversible thumb piston
 - Solo to Choir reversible thumb piston
 - Great to Pedal reversible thumb & toe piston
 - Swell to Pedal reversible thumb & toe piston
 - Choir to Pedal reversible thumb piston
 - Solo to Pedal reversible thumb piston
 - Open Wood 32 reversible thumb & toe pistons
 - Salicional 32 reversible thumb & toe pistons
 - Trombone 32 reversible thumb & toe pistons
 - Cancel thumb piston
 - Tutti reversible thumb & toe pistons
 - Set and Scope thumb pistons
 - Simple (natural order) piston stepper with Next and Previous thumb & toe pistons
 - All Pistons Next reversible thumb piston with lamp