

Cornell Zimmer Organ Builder

OPUS 74

Daniel Angerstein, *tonal director & finishing*

Alan Binger, *curator*

GREAT

Unenclosed

Double Diapason 16'
First Open Diapason 8'
Second Open Diapason 8'
Harmonic Flute 8'
Clarabel Flute 8'
Octave 4'
Principal 4'
Wald Flute 4'
Piccolo 2'
Fifteenth 2'
Full Mixture IV-V 1 1/3'
Trombone 16'
Tromba 8'
Tuba Mirabilis (Solo) 8'
Royal Trumpet (Choir) 8'
Royal Clarion (Choir) 4'
Chimes
Tremolo
Great to Great 16'
Great Unison Off
Great to Great 4'
Antiphonal on Great
Ethereal on Great

SWELL

Enclosed

Lieblich Gedeckt 16'
Diapason 8'
Salicional 8'
Voix Celeste 8'
Viole Sourdine 8'
Viole Celeste 8'
Flute Celeste II 8'
Melodia 8'
Gedeckt 8'
Octave 4'
Flûte Triangulaire 4'
Unda Maris II 4'
Nazard 2 2/3'
Blockflute 2'
Tierce 1 3/5'
Plein Jeu IV 2'
Cymbal III 2/3'
Double Trumpet 16'
Bassoon 16'
French Trumpet 8'
Cornopean 8'
Oboe 8'
Cor d'Amour 8'
Vox Humana 8'
Harmonic Clarion 4'
Cymbelstern

Tremolo

Swell to Swell 16'
Swell Unison Off
Swell to Swell 4'
Antiphonal on Swell
Ethereal on Swell

CHOIR

Enclosed

Contra Viola 16'
Contra Dulciana 16'
English Diapason 8'
Voce Umana 8'
Stopped Diapason 8'
Concert Flute 8'
Vox Angelica 8' (double enclosure)
Vox Celeste 8' (double enclosure)
Viola Celeste II 8'
Gamba Celeste II 8'
Erzähler Celeste II 8'
Principal 4'
Spindle Flute 4'
Flageolet 2'
Larigot 1 1/3'
Scharf III-IV 1'
Contra Fagotto 16'
Trumpet 8'
Royal Trumpet 8' (double enclosure)
Royal Clarion 4' (double enclosure)
Clarinet 8' (double enclosure)
Tuba Mirabilis (Solo) 8'
Tremolo
Harp
Celesta
Choir to Choir 16'
Choir Unison Off
Choir to Choir 4'
Antiphonal on Choir
Ethereal on Choir

ETHEREAL

Enclosed

Contra Dulciana 16'
Contra Dulciana Celeste 16'
First Dulciana 8'
First Dulciana Celeste 8'
Second Dulciana 8'
Second Dulciana Celeste 8'
Third Dulciana 8'
Third Dulciana Celeste 8'
Fourth Dulciana 8'
Fourth Dulciana Celeste 8'
Unda Maris V
First Dulcet 4'

First Dulcet Celeste 4'

Second Dulcet 4'
Second Dulcet Celeste 4'
Third Dulcet 4'
Third Dulcet Celeste 4'
Twelfth 2 2/3'
Fifteenth 2'
Dulciana Mixture IV 2 2/3'
Dulciana Cornet III
Vox Humana 8'
Fanfare Trumpet 8'
Gallery Trumpet 8'
Tower Bells
Orchestral Harp
Celesta
Tremulant
Ethereal to Ethereal 16'
Ethereal Unison Off
Ethereal to Ethereal 4'

ETHEREAL PEDAL

Enclosed

Contra Bourdon 32'
Contra Dulciana 32'
Conical Flute 16'
Lieblich Gedeckt 16'
First Open Dulciana 16'
Second Open Dulciana 16'

SOLO

Enclosed

Stentor Diapason 8'
Flauto Mirabilis 8'
Doppel Flute 8'
Gross Gamba 8'
Gamba Celeste 8'
Cello 8'
Cello Celeste 8'
Aeoline Celeste II 8'
Grand Octave 4'
Orchestral Flute 4'
Harmonic Piccolo 2'
Harmonic Mixture V
Basset Horn 16'
Orchestral Oboe 8'
French Horn 8'
English Horn 8'
Vox Humana 8'
Royal Trumpet (Choir) 16'
Royal Trumpet (Choir) 8'
Contra Tuba 16'
Tuba Mirabilis 8'
Tuba Minor 8'
Clarinet (Choir) 8'

SOLO (continued)

Tuba Clarion 4'
 Trompette en Chamade (Ant.) 8'
 Tremolo
 Solo to Solo 16'
 Solo Unison Off
 Solo to Solo 4'
 Antiphonal on Solo
 Ethereal on Solo

PEDAL*Unenclosed*

Contra Bass 32'
 Contra Bourdon 32'
 Contra Dulciana (Choir) 32'
 Open Diapason 16'
 Open Wood 16'
 Double Diapason (Great) 16'
 Subbass 16'
 Lieblich Gedeckt (Swell) 16'
 Viola (Choir) 16'
 Dulciana (Choir) 16'
 Principal 8'
 Diapason (Great) 8'
 Bourdon 8'
 Lieblich Flute (Swell) 8'
 Fifteenth 4'
 Flute 4'
 Wald Flute (Great) 4'
 Mixture IV 2 2/3'
 Contra Bombarde 32'
 Waldhorn 32'

Bombarde 16'
 Ophicleide 16'
 Trombone (Great) 16'
 Double Trumpet (Swell) 16'
 Bassoon (Swell) 16'
 Fagotto (Choir) 16'
 Bombarde 8'
 Trumpet 8'
 Tuba Mirabilis (Solo) 8'
 Oboe (Swell) 8'
 Clarion 4'
 Clarinet (Choir) 4'
 Chimes
 Trompette en Chamade (Ant.) 8'

ANTIPHONAL*Unenclosed*

Principal 8'
 Chimney Flute 8'
 Octave 4'
 Spire Flute 4'
 Super Octave 2'
 Mixture III 1 1/3'
 Bombarde 16'
 Trumpet 8'
 Trompette en Chamade 4'
 Clarion en Chamade 4'

ANTIPHONAL PEDAL*Unenclosed*

Contra Bourdon (Ethereal) 32'
 Open Wood 16'

Bourdon 16'
 Bass Flute 8'
 Violone 8"
 Nachthorn 4'
 Posaune 16'

ACCESSORIES

Combination Action with
 100 Levels of Memory
 Tutti I & II (programmable)
 Orchestral Crescendo (programmable)
 Crescendo (programmable)
 Tremulant Full
 Midi on Manual IA & B
 Midi on Manual IIA & B
 Midi on Manual IIIA & B
 Midi on Manual IVA & B
 Midi on Pedal A & B
 Sequencer & Transposer
 Sustain
 Double Enclosure on Swell
 Double Enclosure on Solo
 Double Enclosure on Ethereal
 Choir Celestes Off
 Ethereal Off
 Ethereal to Chancel
 Narthex Indicator Light
 Sacristy Indicator Light

About the Organ

Saint Paul's magnificent new organ was built by Cornel Zimmer Organ Builders (OPUS 74) under the tonal direction of Mr. Daniel Angerstein of Angerstein Organworks (formally tonal director M.P. Möller Organ Company). The specification for the new organ was developed by Mr. Charles Banks in collaboration with Mr. Angerstein. Saint Paul's new instrument consists of four manuals, 55 pipe ranks and 114 digital voices. The tonal design of the organ is decidedly English, perfectly suited for Anglican worship. The organ is equally successful in choral accompaniment and the performance of organ literature of all periods. Opus 74 incorporates pipe work from Saint Paul's 1952 M.P. Möller Organ and the historic Richard Whitelegg Möller organ previously housed in Crescent Avenue Presbyterian Church in Plainfield, New Jersey. Previous to joining the firm of M.P. Möller, Mr. Whitelegg was a voicer with the English firm of Willis (selected organ builder for Saint Paul's Cathedral, London; Liverpool Cathedral; Windsor Castle; Royal Albert Hall & King's College Chapel). All of the Möller pipe work was rescaled and revoiced especially for Saint Paul's acoustical setting by Mr. Angerstein. Possessing expertise with Möller pipe work of all periods, Mr. Angerstein has created a seamless instrument, incorporating pipe work spanning almost a century in age. In preparation for the new organ, Mr. Dana Kirkegaard (Kirkegaard Acoustics, Inc.) served as acoustician and Mr. Terry Eason (Terry Byrd Eason Design) as liturgical architect. The curator for Saint Paul's organ is Mr. Alan Binger. Mr. Angerstein was assisted in tonal finishing by Mr. Nathan Bryson & Mr. Jim Twyne.