



UNIVERSITY of PENNSYLVANIA

The Curtis Organ

Austin Organs, Opus 1416
Irvine Auditorium, University of Pennsylvania

Opus 1416 was built for the 1926 United States Sesquicentennial Celebration in Philadelphia. Afterward, Opus 1416 was purchased by publisher Cyrus Curtis, donated to the University of Pennsylvania, and installed in the newly-built Irvine Auditorium in 1928-29. It has since been known as the Cyrus H. K. Curtis Organ.

The Curtis Organ is one of the largest pipe organs in the world: 4 Manuals, 162 Ranks, and 10,731 pipes, the largest being 36 feet tall! The Curtis Organ has been an important part of the academic and musical life of the University of Pennsylvania. For many years, the Organ was maintained by the Curtis Organ Restoration Society, an enthusiastic group of Penn students, staff, faculty, alumni and friends. With the recent restoration of Irvine Auditorium, the University committed to a full restoration of the Curtis Organ.

The pipes, actions, and windchests have been restored by Austin Organs, Inc., of Hartford, Connecticut, the original builders of the Curtis Organ.

The restoration consultant was William F. Czelusniak of Messrs. Czelusniak et Dugal, Inc., of Northampton, Massachusetts.

Additionally, a new console, also by Austin Organs, Inc., has been donated by Penn alumnus William Brown (WhG, '55).

Specifications for: The Curtis Organ, University of Pennsylvania:

Irvine Auditorium, 34th & Spruce Streets, Philadelphia

AUSTIN ORGAN COMPANY, HARTFORD, CONNECTICUT, OPUS 1416, A.D. 1926,
4 Manuals, 162 Ranks, Universal & Unit Electro-pneumatic action;
Built for the Sesquicentennial Exposition, Philadelphia;
relocated to Irvine Auditorium as the gift of Cyrus H. K. Curtis;
installed with the completion of construction of that building, 1928-29

The Curtis Organ, University of Pennsylvania

GREAT DIVISION

Bourdon 16'
 Violone Dolce 16'
 First Open Diapason 8'
 Second Open Diapason 8'
 Third Open Diapason 8'
 Fourth Open Diapason 8'
 Fifth Open Diapason 8'
 Flauto Major 8'
 Doppel Flöte 8'
 Harmonic Flute 8'
 Bourdon 8'
 Clarabella 8'
 Gamba 8'
 Violoncello 8'
 Gemshorn 8'
 Quint 5-1/3'
 Octave 4'
 Principal 4'
 Hohl Flöte 4'
 Harmonic Flute 4'
 Octave Quint 2-2/3'
 Super Octave 2'
 Mixture III-IV 2'
 Mixture V 1-1/3'
 Double Trumpet 16'
 French Trumpet 8'
 Trumpet 8'
 French Horn 8'
 Tuba Magna 8' (Solo)
 Clarion 4'
 Tremolo
 Great to Great 16'
 Great Unison Off
 Great to Great 4'
 String Organ On Great
 Trombone Chorus on Great
 Cathedral Chimes (Solo)
 Harp 8'
 Marimba 8' (Solo)
 Celesta 4'

SWELL DIVISION

Bourdon 16'
 Gemshorn 16'
 Diapason Phonon 8'
 Open Diapason 8'
 Horn Diapason 8'
 Geigen Principal 8'
 Melodia 8'
 Rohr Flöte 8'
 Viola d'Gamba 8'
 Viole d'Orchestre 8'
 Viole Celeste III 8'
 Salicional 8'
 Voix Celeste 8'
 Flauto Dolce 8'
 Unda Maris 8'
 Principal 4'
 Traverse Flute 4'
 Flute d'Amour 4'
 Violina 4'
 Twelfth 2-2/3' (*)
 Fifteenth 2' (*)
 Flautina 2'
 Seventeenth 1-3/5' (*)
 Twenty-First 1-1/7' (*)
 Twenty-Second 1' (*)
 String Mixture V 2-2/3'
 (*Collective)
 Mixture IV 1-1/3'
 Contra Fagotto 16'
 Vox Humana 16'
 French Trumpet 8'
 Cornopean 8'
 Oboe 8'
 Como d'Amore 8'
 Vox Humana II 8'
 Clarion 4'
 Vox Humana 4'
 Tremolo
 Swell to Swell 16'
 Swell Unison Off
 Swell to Swell 4'
 String Organ On Swell
 Trombone Chorus on Swell

CHOIR DIVISION

Contra Gamba 16'
 Double Dulciana 16'
 Open Diapason 8'
 Geigen Principal 8'
 Stopped Diapason 8'
 Chimney Flute 8'
 Quintadena 8'
 Viole d'Orchestre 8'
 Viole Celeste 8'
 Concert Flute 8'
 Flute Celeste 8'
 Gemshorn 8'
 Gemshorn Celeste 8'
 Dulciana 8'
 Principal 4'
 Flute d'Amour 4'
 Dolce 4'
 Twelfth 2-2/3' (*)
 Fifteenth 2' (*)
 Flageolet 2'
 Dulcet 2'
 Seventeenth 1-3/5' (*)
 Dulcinet 1'
 Comet Mixture III 2-2/3'
 (*Collective)
 Trombone 16'
 Baryton 16'
 Bass Clarinet 16'
 Cor Anglais 16'
 Tromba 8'
 Orchestral Horn 8'
 Orchestral Oboe 8'
 Clarinet 8'
 Cor Anglais 8'
 Vox Humana 8'
 Tromba Clarion 4'
 Tremolo
 Choir to Choir 16'
 Choir Unison Off
 Choir to Choir 4'
 String Organ On Choir
 Trombone Chorus on Choir
 Cathedral Chimes (Solo)
 Harp 8' (Great)

TROMBONE CHORUS

(Enclosed with CHOIR)
 Contra Trombone 16'
 First Tromba 8'
 Second Tromba 8'
 First Clarion 4'
 Second Clarion 4'

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SOLO DIVISION

Grand Diapason Phonor 8'
 Flauto Major 8'
 Gross Gamba 8'
 Gamba Celeste 8'
 Gedeckt 8'
 Concert Flute 8' (Choir)
 Flûte Ouverte 4'
 Flute d'Amour 4' (Choir)
 Concert Piccolo 2'
 Tuba Profunda 16'
 Tuba Magna 8'
 Harmonic Tuba 8'
 French Bugle 8'
 Hunting Horn 8'
 Bell Clarinet 8'
 French Horn 8' (Great)
 Orchestral Oboe 8' (Choir)
 Cor Anglais 8' (Choir)
 Clarinet 8' (Choir)
 Tuba Clarion 4'
 Tremolo
 Solo to Solo 16'
 Solo Unison Off
 Solo to Solo 4'
 String Organ on Solo
 Trombone Chorus on Solo
 Cathedral Chimes
 Marimba 8' (Reiterating)
 Harp 8' (Great)
 Glockenspiel 4' (Reiterating)
 Carillons 4'
 Xylophone 4'
 Celesta 4' (Great)

STRING DIVISION

Violes V 8'
 Celestes V 8'
 Violes III 8'
 Celestes III 8'
 Violes II 8'
 Celestes II 8'
 Violes III 4'
 String Mixture III 2-2/3'
 Full String Organ
 Tremolo
 String Organ 16'
 String Organ 4'

PEDAL DIVISION

Resultant Bass 64'
 Double Open Diapason 32'
 Contra Violone 32'
 Contra Bourdon 32'
 First Open Diapason 16'
 Second Open Diapason 16'
 Metal Open Diapason 16'
 Diaphone 16'
 Violone 16'
 First Bourdon 16'
 Second Bourdon 16'
 Lieblich Gedeckt 16' (Swell)
 Gamba 16' (Choir)
 Violes Celeste III 16' (String)
 Dulciana 16' (Choir)
 Gross Quint 10-2/3'
 Octave 8'
 Principal 8'
 Gross Flute 8'
 Bourdon 8'
 Flauto Dolce 8' (Swell)
 Dulciana 8' (Choir)
 Violes Celeste III 8' (String)
 Violoncello Celeste II 8'
 (Solo)
 Twelfth 5-1/3'
 Octave Flute 4'
 Mixture V 5-1/3'
 Contra Bombarde 32'
 Bombarde 16'
 First Trombone 16'
 Second Trombone 16'
 (Choir)
 Tuba Profunda 16' (Solo)
 Contra Fagotto 16' (Swell)
 Bass Clarinet 16' (Choir)
 Tromba 8'
 Harmonic Tuba 8' (Solo)
 Clarion 4'
 Tuba Clarion 4' (Solo)
 Pedal to Pedal 10-2/3'
 Pedal to Pedal 8'
 Trombone Chorus on Pedal
 Marimba 8' (Solo)
 Glockenspiel 4' (Solo)
 Cathedral Chimes (Solo)

COUPLERS

(all on Tilting Tablets)
 Great to Pedal 8'
 Great to Pedal 4'
 Swell to Pedal 8'
 Swell to Pedal 4'
 Swell to Pedal 2'
 Choir to Pedal 8'
 Choir to Pedal 4'
 Choir to Pedal 5-1/3'
 Solo to Pedal 8'
 Solo to Pedal 4'
 Swell to Great 16'
 Swell to Great 8'
 Swell to Great 4'
 Swell to Great 2'
 Choir to Great 16'
 Choir to Great 8'
 Choir to Great 4'
 Choir to Great 5-1/3'
 Solo to Great 16'
 Solo to Great 8'
 Solo to Great 4'
 Swell to Choir 16'
 Swell to Choir 8'
 Swell to Choir 4'
 Solo to Choir 16'
 Solo to Choir 8'
 Solo to Choir 4'
 Great to Choir 8'
 Choir to Swell 16'
 Choir to Swell 8'
 Choir to Swell 4'
 Solo to Swell 16'
 Solo to Swell 8'
 Solo to Swell 4'
 Swell to Solo 8'
 Great to Solo 8'
 Choir to Solo 8'

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COMBINATIONS and ACCESSORIES

THUMB PISTONS

General Combinations #1-20
Solo Divisional Combinations #1-10
Swell Divisional Combinations #1-10
Great Divisional Combinations #1-10
Choir Divisional Combinations #1-10
Pedal Divisional Combinations #1-10
Coupler Combinations #1-3
Reversibles: So/Ped, Sw/Ped, Gt/Ped, Ch/Ped;
Sw/So, Gt/So, Str/So, All Swells;
Ch/Sw, So/Sw, Str/Sw, Tutti I, Tutti II;
Sw/Gt, Ch/Gt, So/Gt; Sw/Ch, So/Ch;
Reeds Off, 16' Stops Off, 16' Couplers Off
Great-Choir Transfer
Orchestral Crescendo On
Solo Off Crescendo
Marimba Reiteration Off
Glockenspiel Reiteration Off
Combination Range
Combination Setter
General Cancel

TOE STUDS

General Combinations #1-12 duplicated
Pedal Divisional Combinations #1-6 duplicated
Reversibles: So/Ped, Sw/Ped, Gt/Ped, Ch/Ped;
Contra Bombarde 32', Double Open Diapason 32',
Contra Violone 32', Contra Bourdon 32';
Resultant Bass 64', Reeds Off, Tutti I, Tutti II

Six Divisional Nameplates are Cancel Bars
Expression Pedals for Great, Swell, Choir, Solo, and String Divisions
Register Crescendo Pedal with Indicator Lamps



You can help assure the future of the Curtis Organ by contributing to the Endowment for the Curtis Organ! Gifts are 501(c)(3) tax-deductible. Donations both large and small help tremendously in the continuing preservation of this important musical masterpiece.

***The Endowment for the Curtis Organ
Office of the Vice Provost for University Life
University of Pennsylvania
3611 Locust Walk
Philadelphia, PA 19104-6222***

Please make checks payable to:
Trustees of the University of Pennsylvania