

Princeton University Chapel Organ Specifications

The Ernest M. Skinner Company, 1928; Aeolian-Skinner, 1954-1956; N. P. Mander Ltd., 1991
137 Ranks 7897 Pipes

Click here to return to [Princeton University Organ Page](#)

Great

(5½" & 12" wind pressure)

Unenclosed

16' Double Diapason
16' Bourdon
8' First Diapason
8' Second Diapason
8' Stopped Diapason
8' Concert Flute
4' Octave
4' Principal
4' Stopped Flute
4' Flûte Harmonique
2½' Twelfth
2' Fifteenth
2' Piccolo
III Cornet
IV Full Mixture
IV Sharp Mixture
16' Trombone
8' Tromba
4' Clarion
Tremulant (light wind)

Swell

(11" wind pressure)

Enclosed

16' Bourdon
8' Diapason
8' Rohr Flute
8' Flauto Dolce
8' Flute Céleste (TC)
8' Gamba
8' Gamba Céleste
8' Salicional
8' Voix Céleste
4' Octave
4' Flûte Triangulaire
4' Unda Maris II
2' Fifteenth
2' Flautino
II Sesquialtera
V Mixture
IV Plein Jeu
16' Posaune
8' French Trumpet
8' Cornopean
8' Oboe
8' Vox Humana
4' Clairon
Tremulant

Choir

(3½" wind pressure)

Unenclosed

8' Open Diapason
8' Violoncello
8' Chimney Flute
4' Principal
4' Spitz Flute
2½' Nazard
2' Fifteenth
2' Flageolet
1⅓' Tierce
1½' Larigot
III Mixture
8' Trumpet
8' Cremona
Tremulant

Solo

(8", 15" & 25" wind pressure)

Enclosed

16' Contra Gamba
8' Doppelflöte
8' Hohl Flute
8' Viola
8' Viola Céleste
8' Echo Dulciana
8' Dulciana Céleste
4' Flûte Ouverte
2' Piccolo
VI Chorus Mixture
16' Cor Anglais
8' French Horn
8' Corno di Bassetto
8' Orchestral Oboe
Tremulant
16' Contra Tuba
8' Tuba
4' Tuba Clarion
Unenclosed
8' Tuba Mirabilis

West Gallery

(12" wind pressure)

On Choir Manual

8' Gallery Trumpet

Pedal

(6" & 20" wind pressure)

32' Double Diapason
16' Diapason Wood
16' First Diapason
16' Second Diapason (Great)
16' Violone
16' Bourdon (Great)
16' Gamba (Solo)
8' Principal
8' 'Cello
8' Gedeckt
4' Fifteenth
4' Open Flute
IV Grave Mixture
IV Mixture
32' Contra Bombarde
32' Contra Fagotto
16' Bombarde
16' Trombone (Great)
16' Fagotto
8' Trumpet
8' Bassoon
4' Clarion
4' Hautboy

Nave

(4" wind pressure)

Unenclosed

8' Diapason
4' Octave
2' Superoctave
III Fourniture
III Cymbale
8' Trumpet
Enclosed
8' Cor de Nuit
8' Cor de Nuit Céleste (TC)

Nave on Great

Nave on Swell

Nave on Solo

Nave Pedal

(5" wind pressure)

16' Contra Bass
8' Principal
4' Superoctave

III Cornet

Mechanicals

Inter-Divisional Couplers

Tilting Tablets beneath Music Rack

Great to Pedal 8'* †

Swell to Pedal 8'* †, 4'

Choir to Pedal 8', 4'

Solo to Pedal 8'* †, 4'

* *Reversible Toe Lever*

† *Reversible Piston on Manual*

Swell to Great 16', 8', 4'

Choir to Great 8'

Solo to Great 16', 8', 4'

Swell to Choir 16', 8', 4'

Solo to Swell 16', 8', 4'

Great to Solo 8'

* *Reversible piston on Great*

Intra-Divisional Couplers

Drawknobs with Divisional Stops

Swell to Swell 16', Unison Off, 4'

Solo to Solo 16', Unison Off, 4'

Nave to Nave 4'

Expression Pedals

Swell

Solo/Nave

Crescendo Pedal

mf - f - ff settings

Tutti Pedal Lever

Combination Action

Solid State Capture System

128 Levels of memory

12 General Pistons and Toe Studs

8 Great Pistons

8 Swell Pistons

8 Choir Pistons

8 Solo Pistons

4 Nave Pistons

8 Pedal Toe Studs

Fixed Piston

1 Gallery Trumpet on Choir

Pedal Combinations on Great Pistons

Nave Combinations on Great Pistons

Toe Stud Reversibles for each 32' Stop

4 Blowers: Main (15 hsp),
Solo (10 hsp), Nave (1
hsp),
Gallery (½ hsp)