

Specifications
Chancel Organ, Duke University Chapel, Durham, North Carolina
Aeolian Organ Company, Opus 1785, 1931-32

GREAT (wind pressures: 6" for flues, 12" for reeds)

32'	Quintaton (from tenor c)	61 pipes
16'	Diapason partially in north façade	73 pipes
16'	Bourdon (Pedal, ext.)	41 pipes
8'	First Diapason swapped with Second prior to restoration	73 pipes
8'	Second Diapason swapped with First prior to restoration	73 pipes
8'	Third Diapason restored to original from Prestant 4'	73 pipes
8'	Gemshorn	73 pipes
8'	Principal Flute	73 pipes
8'	Doppel Flute (in Choir chamber)	73 pipes
5 1/3'	Quint restored to original from Third Diapason	73 pipes
4'	Octave	73 pipes
4'	Principal	73 pipes
4'	Flute (in Choir chamber)	73 pipes
3 1/5'	Tenth	73 pipes
2 2/3'	Twelfth	73 pipes
2'	Fifteenth	73 pipes
	Harmonics V	305 pipes
	Plein Jeu III-VI	268 pipes
16'	Contra Tromba (in Choir chamber)	73 pipes
8'	Trombone (Pedal)	
8'	Tromba (in Choir chamber)	73 pipes
4'	Octave Tromba (in Choir chamber)	73 pipes
8'	Tuba mirabilis (Solo)	
8'	Festival Trumpet (new, floating, 25" wind pressure)	<u>61 pipes</u>
	Great to Great 16	1,977 pipes
	Great to Great 4	
	Great Unison Off	

SWELL (wind pressures: 6" for flues and orchestral reeds, 10" for chorus reeds)

16'	Bourdon	73 pipes
8'	Diapason	73 pipes
8'	Geigen Diapason	73 pipes
8'	Gamba	73 pipes
8'	Gamba céleste	73 pipes
8'	Salicional	73 pipes
8'	Voix céleste	73 pipes
8'	Rohrflute	73 pipes
8'	Cor de nuit*	73 pipes
8'	Flauto dolce	73 pipes
8'	Flûte céleste	61 pipes
4'	Octave	73 pipes
4'	Fugara	73 pipes
4'	Flute triangulaire*	73 pipes
2 2/3'	Nazard*	73 pipes
2'	Piccolo	73 pipes

2'	Flautino*	73 pipes
1 3/5'	Tierce*	73 pipes
	Cornet V (composed of stops marked*)	
	Chorus Mixture V	305 pipes
16'	Posaune	73 pipes
8'	French Trumpet	73 pipes
8'	Cornopean	73 pipes
8'	Oboe	73 pipes
8'	Vox humana	73 pipes
4'	Clarion	<u>73 pipes</u>
8'	Harp (in Choir box)	2,045 pipes
4'	Celesta (in Choir box)	
	Tremolo	
	Chimes	
	Swell to Swell 16	
	Swell to Swell 4	
	Swell Unison Off	

CHOIR (wind pressure: 6' throughout)

16'	Gamba (from Viole d'orchestre 8', ext.)	12 pipes
8'	Diapason	73 pipes
8'	Viole d'orchestre	73 pipes
8'	Viole céleste	73 pipes
8'	Concert Flute	73 pipes
8'	Quintadena (derived from stops marked*)	
8'	Dulciana*	73 pipes
8'	Dulciana céleste	73 pipes
4'	Violina	73 pipes
4'	Harmonic Flute	73 pipes
2 2/3'	Nazard*	61 pipes
2'	Piccolo	61 pipes
1 3/5'	Tierce	61 pipes
1 1/7'	Septième	61 pipes
16'	Fagotto	73 pipes
8'	Trumpet	73 pipes
8'	Corno di bassetto	73 pipes
8'	Orchestral Oboe	73 pipes
8'	Tuba mirabilis (Solo)	
8'	Festival Trumpet	
8'	Harp	49 bars
4'	Celesta (from Harp, ext.)	12 bars
	Tremolo	
	Chimes	25 tubes
	Choir to Choir 16	
	Choir to Choir 4	
	Choir Unison Off	

SOLO (wind pressures: 10" for flues and orchestral reeds, 15" for chorus Tubas, 25" for Tuba mirabilis)

8'	Stentorphone	73 pipes
8'	Gamba	73 pipes
8'	Gamba céleste	73 pipes
8'	Flauto mirabilis	73 pipes
4'	Octave	73 pipes
4'	Orchestral Flute	73 pipes
	Mixture V	305 pipes
16'	Tuba	73 pipes
8'	Tuba mirabilis	73 pipes
8'	Tuba	73 pipes
8'	French Horn	73 pipes
8'	English Horn	73 pipes
4'	Clarion	73 pipes
	Tremolo	
	Chimes	
	Solo to Solo 16	
	Solo to Solo 4	
	Solo Unison Off	

PEDAL (wind pressures: 6" for flues, 15" for reeds)

32'	Diapason (from Pedal Diapason, ext.)	12 pipes
32'	Bourdon (from Bourdon 16'; 1-12 in common with Diapason 32')	
16'	Contrabass	32 pipes
16'	Diapason	32 pipes
16'	Diapason (Great)	
16'	Bourdon	32 pipes
16'	Gamba (Choir)	
16'	Echo Lieblich (from Swell Bourdon)	
10 2/3'	Quint (from Pedal Bourdon)	
8'	Octave (from Diapason, ext.)	12 pipes
8'	Principal	32 pipes
8'	Gedeckt (from Pedal Bourdon 16')	
8'	Stille Gedeckt (from Swell Bourdon 16')	
5 1/3'	Twelfth (from Pedal Bourdon 16')	
4'	Flute (from Pedal Bourdon 16')	
	Harmonics V	160 pipes
32'	Bombarde (from Pedal Trombone, ext.)	12 pipes
32'	Fagotto (from Choir, ext.)	12 pipes
16'	Trombone	32 pipes
16'	Tuba (Solo)	
16'	Tromba (Great)	
16'	Fagotto (from Choir Fagotto 16', ext.)	
10 2/3'	Quint Trombone (from Great Contra Tromba 16')	
8'	Trombone (ext.)	12 pipes
8'	Tuba mirabilis (Solo)	
8'	Festival Trumpet	
4'	Clarion (ext.)	12 pipes
	Chimes (Choir)	

COUPLERS

Great to Pedal 8
Swell to Pedal 8
Choir to Pedal 8
Solo to Pedal 8
Great to Pedal 4
Swell to Pedal 4
Choir to Pedal 4
Solo to Pedal 4
Pedal to Pedal 4
Pedal Divide
Swell to Great 16
Swell to Great 8
Swell to Great 4
Choir to Great 16
Choir to Great 8
Choir to Great 4

Solo to Great 16
Solo to Great 8
Solo to Great 4
Solo to Swell 16
Solo to Swell 8
Solo to Swell 4
Swell to Choir 16
Swell to Choir 8
Swell to Choir 4
Great to Choir 16
Great to Choir 8
Great to Choir 4
Solo to Choir 16
Solo to Choir 8
Solo to Choir 4
Pedal to Choir 8
Great and Choir Transfer

BALANCED EXPRESSION PEDALS

Choir Expression
Swell Expression
Solo Expression
Crescendo (programmable)

COMBINATION PRE-SETS

Standard Capture Combination System with 256 levels of memory

Manual Piston Combinations

Great: 1-8, 0 (Cancel)
Swell: 1-8, 0
Choir: 1-8, 0
Solo: 1-8, 0
Pedal: 4-8, 0
General: 1-20
General Cancel

Pedal Piston Combinations

Pedal 1-5, 0
General: 1-16

Setter

Piston Sequencer

Memory Up and Down pistons

REVERSIBLES

Manual and Pedal Pistons

Great to Pedal 8
Swell to Pedal 8
Choir to Pedal 8
Solo to Pedal 8
Diapason 32'
Bombarde 32'
Fagotto 32'
16' Manual Stops Off
32' Pedal Stops Off
All Swells to Solo Expression Pedal
Sfz mf
Sfz Tutti

Manual Pistons Only

Solo to Swell 8
Swell to Great 8
Choir to Great 8
Solo to Great 8
Swell to Choir 8
Solo to Choir 8
Great to Choir 8
All Pistons Next
Harp Sustain

INDICATOR LIGHTS

Usher Signal
Telephone
Transposer
Pedal Divide
Sfz mf
Sfz Tutti
Crescendo
All Swells to Solo Expression Pedal
All Pistons Next
Pedal 32' Off
Manual 32' Off
Harp Sustain
Digital display for memory level, general piston number, and crescendo level