The Longwood Organ

GREAT- Manual II
16' Double Diapason
16' Bourdon
8' First Diapason
8' Second Diapason
8' Third Diapason
8' Fourth Diapason
8' Tibia Clausa
8' Gamba
8' Gemshorn
8' Major Flute
8' Melodia
4' First Octave
4' Second Octave
4' Flute Harmonique
3 1/5' Tenth
2 2/3' Twelfth
2' Fifteenth
Mixture V
16' Double Trumpet
8' Trumpet Harmonique
4' Clarion
Tremolo

CHOIR - I
16' Contra Gamba
8' Open Diapason
8' English Diapason
8' Geigen Diapason
8' Viola
8' Dulciana
8' Hohlflöte
8' Spitzflöte
8' Nachthorn
8' Quintadena
4' Principal
4' Flute Triangular
Mixture III
2 2/3' Nazard (III)
2' Piccolo (III)
1 3/5' Tierce (III)
1 1/7' Septieme
16' Fagotto
8' Orchestral Trumpet
8' Musette
8' Saxophone
8' Clarinet
8' Corno d’Amore
8' Oboe d’Amore
Tremolo

SWELL - III
16' Viola Diapason
16' Melodia
8' Open Diapason
8' Phonon Diapason
8' Horn Diapason
8' Geigen Diapason
8' Viola di Gamba
8' Viole d'Orchestre
8' Gamba Celeste
8' Viole Celeste
8' Salicional
8' Voix Celeste
8' Claribel Flute
8' Rohr Flute
8' Flauto Dolce
8' Flute Celeste
4' Octave
4' Transverse Flute
4' Viola
2' Flautino
Grand Mixture V
4' Octave (V)
2 2/3' Twelfth (V)
2' Fifteenth (V)
1 1/3' Nineteenth (V)
1' Twenty-second (V)
Dolce Cornet IV
16' Posaune
16' Vox Humana
8' Vox Humana (P)
8' Vox Humana (F)
8' Corno di Bassetto
8' Cornopean
8' French Trumpet
8' Oboe
4' Clarion
Tremolo

SOLO - IV
8' Open Diapason
8' Stentorphone
8' Tibia Plena
8' Doppel Flute
8' Philomela
8' Gross Gamba
8' Gamba Celeste
4' Orchestral Flute
4' Octave
Mixture V
2 2/3' Twelfth (V)
2' Fifteenth (V)
1 1/3' Nineteenth (V)
1' Twenty-second (V)
2/3' Twenty-sixth (V)
16' Tuba Profunda
8' Tuba Mirabilis
8' Tuba Sonora
8' French Horn
8' English Horn
8' Bell Clarinet
8' Orchestral Oboe
8' Kinura
8' Solo Vox Humana
4' Tuba Clarion
Tremolo

FANFARE (IV and floating)
8' Trumpet Harmonique
8' Trumpet Militaire
8' Post Horn
4' Trumpet
Tremolo

PERCUSSION (floating)
8' Harp I (unenclosed)
8' Harp II (unenclosed)
4' Harp I (unenclosed)
4' Harp II (unenclosed)
8' Xylophone
4' Xylophone
8' Celestial Harp
8' Harp Vibrato
8' Glockenspiel (single)
8' Glockenspiel (repeat)
Chimes
Celesta
Triangle
Tambourine
Castanets
Tom Tom
Snare Drum (tap)
Snare Drum (roll)
Cymbals
Tympney (tap)
Tympney (roll)
Bass Drum
Oriental Gong (crash or roll)
Zimbelstern (unenclosed)
Glockenstein (unenclosed)
Nightingale
Tuned Sleighbells (single)
Tuned Sleighbells (repeat)
(sleighbells unenclosed)

STRING (floating)
16' Contrabasse
16' Contra Salicional
8' Viole d’Orchestre
8' Viole Celeste
8' Violoncello
8' Violoncello Celeste
8' Viola d’Amore
8' Viola Celeste
8' Violino Sordo
8' Violino Celeste
8' Salicional
8' Voix Celeste
8' Viola di Gamba
8' Viola Celeste
8' Viola Sorda
8' Viola Celeste
4' Violina
4' Salicet
4' Gambetta
8' Vox Humana
16' Piano
8' Piano
4' Piano
Tremolo
The Longwood Organ

**PEDAL (unenclosed)**
- 64' Gravissima (resultant)
- 32' Double Diapason
- 32' Contra Bourdon
- 32' Contra Violone
- 16' First Diapason
- 16' Second Diapason
- 16' Phonon Diapason
- 16' First Bourdon
- 16' Second Bourdon
- 16' Violone
- 16' Diapason (Great)
- 16' Viola Diapason (Swell)
- 16' Contrabasse (String)
- 16' Melodia (Swell)
- 16' Gamba (Choir)
- 16' Scolical (Swell)
- 10 2/3 Quint
- 8' Octave
- 8' Flute
- 8' Gedeckt
- 8' Cello
- 4' Super Octave
- Mixture V
- 32' Contra Bombarde
- 32' Contra Fagotto (Choir)
- 16' Bombarde
- 16' Tuba Profunda (Solo)
- 16' Double Trumpet (Great)
- 16' Posaune (Swell)
- 16' Fagotto (Choir)
- 8' Tromba
- 4' Clarion

**80 COUPLERS INCLUDE...**
The usual 16, 8, 4, unison off couplers
- All Swells to IV, V; Great, Choir, Swell Thumb Slides
- Pedal Divide
- Fanfare to Great SFZ
- Solo to Great SFZ
- Solo Melody to Great
- Great/Choir Transfer

**FOOT CONTROLS**
- Toe Studs:
  - Next: 1
  - Previous: 1
- Pedal: 8
  - General 17-32
  - 3 Reversibles (can be set)
- Percussion to Pedal
- Ventil I, II
- SFZ (while depressed, from Solo or Fanfare)
- Piano Damper Pedal (controlled from button on Expression Pedal I)

**97 PISTONS INCLUDE...**
- Next: 8 pistons
- Previous: 1
- General: 16
  - Choir: 8
  - Great: 8
  - Swell: 8
  - Solo/Fanfare: 8
  - String: 4
  - Pedal: 4
  - Ventil I, II
  - Str Pistons 1-8 on Sw 1-8
  - Str Pistons 1-8 on Gt 1-8
  - Str Pistons 1-8 on Ch 1-8
  - Percussion to Pedal
  - Percussion to Toe Stud
  - 4 Reversibles: Ch, Gt, Sw, Solo to Pedal
  - 4 Reversibles (can be set)
  - All Swells
  - Crescendo I, II, III, IV
  - Tutti I, II

**SELECTIVE EXPRESSION CONTROLS**
- 63 buttons assign any division except Pedal on any of 5 Expression Pedals, Crescendo Pedal, and Choir/Great/Swell Thumb Slides

**TREMOLOS**
- Some have variable speed and depth, assignable by 9 buttons to any of 5 Expression Pedals, Crescendo Pedal, and Choir/Great/Swell Thumb Slides