Opus 139
The Memorial Church
Harvard University, Cambridge, Massachusetts
2012
44 voices, 55 ranks, 3,049 pipes

**Great**, Manual I
- Double Diapason 16’
- Open Diapason 8’
- Gamba 8’
- Harmonic Flute 8’
- Chimney Flute 8’
- Principal 4’
- Open Flute 4’
- Twelfth 2 2/3’
- Fifteenth 2’
- Seventeenth 1 3/5’
- Mixture IV-VI
- Trumpet 8’
- Clarion 4’

**Positive**, Man II enclosed
- Principal 8’
- Salicional 8’
- Unda maris 8’
- Gedackt 8’
- Dulciana 8’ prepared
- Octave 4’
- Chimney Flute 4’
- Nasard 2 2/3’
- Super Octave 2’
- Tierce 1 3/5’
- Mixture IV
- Clarinet 8’
- Tuba Mirabilis 8’

**Swell**, Manual III enclosed
- Bourdon 16’
- Diapason 8’
- Viole de gambe 8’
- Voix céleste 8’
- Flûte traversière 8’
- Bourdon 8’
- Prestant 4’
- Flûte octaviant 4’
- Octavin 2’
- Plein jeu IV
- Basson 16’
- Trompette 8’
- Hautbois 8’
- Voix humaine 8’ prepared
- Clarion 4’ prepared

**Pedal**
- Sub Principal 32’ ext GT
- Resultant 32’ Bdn. or Op B.
- Open Bass 16’
- Double Diapason 16’ GT
- Bourdon 16’
- Octave 8’
- Gamba 8’ from GT
- Flute 8’ from GT
- Bourdon 8’ ext.
- Super Octave 4’
- Contra Posaune 32’ ext.
- Posaune 16’
- Trumpet 8’ alt. GT
- Clarion 4’ alt. GT

**Couplers:**
- Swell to Great
- Positive to Great
- Swell to Positive
- Great to Pedal
- Positive to Pedal
- Swell to Pedal
- Swell to Pedal Super Octaves graves

**Flexible Wind**
- Great & Positive Tremulant
- Swell Tremulant (slow & fast)
- Cymbelstern

**Key Action:** Direct mechanical (tracker) except for large bass pipes.

**Kowalshyn Servopneumatic Lever:** This provides a pneumatic assist to the Great key action and anything coupled to the Great It also allows the addition of the "Octaves graves” coupler to the organ, which couples the Great to itself at sub-octaves and any division coupled to it also appears on the Great at sub-octaves.

**Stop Action:** Electric solenoid.

**Combination action:** 256 levels of memory by Solid State Organ Systems.

**Key Desk:** Built into main case of organ, 3 manuals and pedals, manuals 61 notes CC-c₆, cowbone naturals, sharps of ebony. Pedals 32 notes CC-g₄.

**Casework:** A single cabinet of wood located in the rear gallery.
- Front pipes of hammered lead gilded with 22 carat gold leaf with antique finish.