Pipe Organs
of
The University of Notre Dame
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BASILICA OF THE SACRED HEART
Basilica of the Sacred Heart

WAYNE AND DIANA MURDY FAMILY ORGAN

Four Manuals, 69 Stops, 106 Ranks, 5164 Pipes
The Wayne and Diana Murdy Family Organ is the fourth organ to grace the Basilica of the Sacred Heart. It is the largest instrument built by Paul Fritts & Company to date. The grand case of the organ is inspired by the 1743 organ of the Bovenkerk in Kampen, the Netherlands, built by Albert Antonius Hinsz. Likewise, the core of the Murdy's specification draws on seventeenth and eighteenth century examples from northern Germany and the Netherlands. The organ's rich foundation stops, sparkling upperwork, and flexible winding are ideal for accompanying choral music and congregational singing, the heart of the Basilica's thriving music ministry. Along with its Germanic core, the instrument boasts reed and flue stops based on models by great French organ builders Cliquot and Cavaillé-Coll, horizontal Spanish Trompetas based on those by Jordi Bosch, an effective Swell box, and mildly unequal temperament. The suspended key action is both highly sensitive and very light, so that musical performances of even the most virtuosic literature are possible when the manuals are coupled, without any need for electric or pneumatic assistance. By the combination of all these features in one instrument, performers are enabled to interpret the full gamut of the organ literature with aplomb.

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<td>Principal*</td>
<td>8' Principal</td>
<td>16' Principal</td>
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<td>Spitzflöte</td>
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<td>3'</td>
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<td>VII-VIII</td>
<td>Mixture</td>
<td>1 3/5' Terz</td>
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<td>8' Trompet</td>
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<td>Trompet</td>
<td>8' Hautbois</td>
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<td>8'</td>
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<td>8' Trompeteria</td>
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<tr>
<td>4'-16'</td>
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<td>4'-16' Trompeteria</td>
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</tbody>
</table>

*shares some pipes with another stop

Direct mechanical key action, suspended
Direct mechanical stop action
Electric combination system with sequencer
Variable Tremulants
Zimbelstern
Wind Stabilizer

Temperament: Kellner
Compass: Manuals 58 Notes
Pedal 30 Notes
Couplers: Rückpositive to Great
Swell to Great
Trompeteria to Great
Swell to Rückpositive
Great to Pedal
Rückpositive to Pedal
Swell to Pedal
Trompeteria to Pedal
Lady Chapel Organ

One Manual, Three Stops, Three Ranks, 174 Pipes

Manual
8’ Gedackt (b/t)
4’ Flute (b/t)
2’ Principal (b/t)

Pedal
Pulldown from Manual

Mechanical key action
Mechanical stop action

Compass:
Manual 58 Notes
Pedal 32 Notes

Temperament: Equal

Sacred Heart Parish (Crypt Church) Organ

Rieger Orgelbau (2001)
Two Manuals, Eight Stops, Eight Ranks, 436 Pipes

Manual I
8’ Holzgedeckt
4’ Principal
2’ Doublette

Manual II (expressive)
8’ Nachthorn
4’ Blockflöte
2’ Flachflöte
8’ Dulcian

Pedal
16’ Subbaß

Direct mechanical key action, balanced
Direct mechanical stop action

Compass:
Manuals 58 Notes
Pedal 30 Notes

Couplers:
Manual II to Manual I
Manual I to Pedal
Manual II to Pedal
Since opening in 2004, the DeBartolo Performing Arts Center has been Notre Dame’s leading presenter of world-class artistic programming of all genres. The Center houses five performing venues, each on their own foundation for complete sound isolation, Browning Cinema, Patricia George Decio Theatre, Leighton Concert Hall, Philbin Studio Theatre, and Reyes Organ and Choral Hall. The Center is also at the heart of Notre Dame’s academic mission, housing classrooms, faculty offices, and support services for students in the arts. Students and faculty in Music and Film, Television, and Theatre, regularly make use of the Center’s facilities for their own studies and performances.
DeBartolo Performing Arts Center

O’MALLEY ORGAN

Two Manuals, 35 Stops, 52 Ranks, 2551 Pipes
The **O’Malley Organ** in Reyes Organ and Choral Hall of the DeBartolo Performing Arts Center serves as the primary instrument for organ student lessons, practice, and performances, as well as guest artist and faculty performances throughout the academic year. Its case of 800-year-old fir is inspired by two organs built by the renowned organ builder Arp Schnitger in the Netherlands, those of the Aa-Kerk in Gronigen and the Hervormde Kerk in Noordbroek. Judy Fritts, the organ builder’s sister, carved the case decorations according to the theme from Psalm 150:6, “Let everything that has breath praise the Lord. Like its case, the organ’s specification is inspired primarily by instruments of northern Germany and the Netherlands. As such, it is ideal for German and Dutch music of the seventeenth and eighteenth centuries, but the inclusion of certain eclectic stops and exceptionally blended voicing make the instrument remarkably versatile. Student, faculty, and guest performers on the O’Malley Organ routinely program repertoire from all periods with great success. Furthermore, the organ’s sensitive suspended action and ample, responsive winding combine with Reyes Hall’s live acoustics to provide the ideal formative experience for organ students. The instrument and room pay dividends for refined technique and polished musicianship.

**Hauptwerk**
- 16’ Principal
- 8’ Octave
- 8’ Rohrlöte
- 8’ Viol di Gamba
- 4’ Octave
- 4’ Spitzflöte
- 3’ Quinte
- III Nasat/Cornet (half-draw Nasat)
- 2’ Octave
- IV-VI Mixture
- 8’ Trompet
- 8’ Baarpfeife

**Rückpositive**
- 8’ Principal
- 8’ Gedackt
- 8’ Quintadena
- 4’ Octave
- 4’ Rohrlöte
- 2’ Octave
- 2’ Waldflöte
- 1 1/3’ Sifflohe
- II Quint/Sesquialtera (half-draw Quint)

**Pedal**
- 16’ Principal*
- 8’ Octave
- 4’ Octave*
- 2’ Nachthorn
- VI-VIII Mixture
- 16’ Posaune
- 8’ Trompet
- 4’ Trompet
- 2’ Cornet*

*shares some pipes with another stop

Direct mechanical key action, suspended
Direct mechanical stop action
Variable Tremulant (whole organ)
Wind Stabilizer
Cornet from c’ or cs’
Winding by electric blower or manual pumping

Temperament: Kirnberger, modified

Compass:
- Manuals 58 Notes
- Pedal 30 Notes

Couplers:
- Rückpositive to Hauptwerk
- Hauptwerk to Pedal
- Rückpositive to Pedal
ITALIAN POSITIVE ORGAN

Anonymous Builder, Naples, Italy (c.1680)
Restored by Robert Wech and Martin Pasi
One Manual, Five Stops, Five Ranks, 225 Pipes

On loan to Notre Dame from a private donor since 2010, the Italian Positive Organ is a small chamber instrument, one of many built for Italian churches and chapels throughout the centuries. It sits opposite the O’Malley Organ in Reyes Hall. The builder of the instrument and its exact year of construction are unknown, but the case decoration suggests it was built around 1680. Wind conduits made of bamboo inside the organ are evidence that it was built near Naples, Italy. The organ was discovered after standing silent in storage for decades and was badly in need of restoration. Robert Wech (Orgelbau Wech, Buchloe, Germany) completed the cosmetic and technical restoration of the instrument, and the tonal restoration was undertaken by Martin Pasi (Pasi Organ Builders, Roy, Washington). With very low wind pressure (50mm water column) and meantone temperament, the organ's sound is relaxed and vocal. It is ideal for performing Italian organ music from the 16th and 17th centuries and accompanying chamber music. An electric blower was added during the restoration for convenience when practicing, but the organ still sounds best when it is pumped manually. Students often pump the organ for each other and for guest artists in performance, an intimate musical experience for both the performer and the one pumping.

Manuale
8’ Principale
4’ Ottava
2’ Decimaquinta
1 1/3’ Decimanona
1’ Vigesimaseconda

Direct mechanical key action, suspended
Direct mechanical stop action

Compass: CDEFGA–c’’’
Temperament: 1/4-comma Meantone
Pitch: A-415
O’Neill Hall of Music

https://photos.nd.edu/image/I0000zpOdK-BA5p4I
O’Neill Hall of Music

GOBER ORGAN

Halbert Gober (1998)
Two Manuals, Five Stops, Six Ranks, 288 Pipes

Manual I
8’ Prinzipal
4’ Offenflöte
2’ Traversflöte
II Cornet (c’)

Manual II
8’ Stopped Flute

Pedal
Pulldown from Manual I

Direct mechanical key action, suspended
Direct mechanical stop action

Compass: Manuals 56 Notes
Pedal 30 Notes

HOLTKAMP ORGAN

Holtkamp Organ Company, Job 1926 (1976)
Two Manuals, 16 Stops, Five Ranks, 598 Pipes

Manual I
8’ Gedackt
4’ Principal
2’ Gemshorn
III Mixture
8’ Dulzian

 Manual II
8’ Gemshorn
4’ Gedackt
2’ Principal
1 1/3’ Larigot
III Scharf

Pedal
16’ Gedackt
8’ Gemshorn
8’ Gedackt
4’ Principal
16’ Dulzian
8’ Dulzian

Ranks
1. Gedackt
2. Gemshorn
3. Principal
4. Mixture III
5. Dulzian

Electric key and stop action

Compass: Manuals 61 Notes
Pedal 32 Notes
JAECKEL ORGAN

Two Manuals, Six Stops, Five Ranks, 254 Pipes

Manual I
8' Rohrflöte
4' Principal

Positive
8' Quintade
4' Spitzflöte

Pedal
8' Gedackt
4' Principal (from Manual I)

Direct mechanical key action
Direct mechanical stop action

Compass: Manuals 56 Notes
Pedal 30 Notes

Temperament: Kirnberger III

SCHREINER ORGAN

Two Manuals, Five Stops, Four Ranks, 204 Pipes

Great
8' Open Diapason

Positive
8' Stopped Diapason
4' Spire Flute

Pedal
8' Flûte*
4' Flûte (ext)
*1-12 from Open Diapason

Direct mechanical key action, suspended
Direct mechanical stop action

Compass: Manuals 58 Notes
Pedal 30 Notes

Couplers: Manual II to Manual I
Manual I to Pedal
Manual II to Pedal
Führer Organ

Alfred Führer Orgelbau (1981)
Two Manuals, Six Stops, Six Ranks, 318 Pipes

Manual I
4’ Fluit
1 1/3’ Nazard
8’ Kromhoorn

Manual II
8’ Holpijp
4’ Roerfluit
2’ Prestant

Pedal
No stops

Direct mechanical key action, suspended
Direct mechanical stop action

Compass:
Manuals 53 Notes
Pedal 27 Notes

Couplers:
Manual II to Manual I
Manual I to Pedal
Manual II to Pedal

Pitch: A-465
The **McCusker Family Organ** is located in Dr. Gail L. Walton Rehearsal Hall on the third floor of the Coleman-Morse Center, the primary rehearsal space for the choirs of the Basilica of the Sacred Heart and Campus Ministry at Notre Dame. The scaling of the McCusker's principal pipes is based on the Italian Positive Organ in the DeBartolo Performing Arts Center. They produce a sound which is both full and gentle, perfect for the medium-sized hall. In addition to functioning as a choral rehearsal space, Walton Hall is used for organ practice, occasional organ lessons, small recitals of chamber or vocal music, and recording sessions. The organ’s gentle voicing is excellent for accompanying voices, both individual singers and choirs, and its mild, unequal temperament is the same as that of the Murdy Family organ in the Basilica. It is a sister instrument to the one in Sacred Heart of Jesus Chapel at Moreau Seminary.
OTHER ORGANS ON CAMPUS
Other Organs on Campus

Sacred Heart of Jesus Chapel Organ

Two Manuals, Eight Stops, Eight Ranks, 412 Pipes

A sister instrument to the McKusker Family Organ, the Sacred Heart of Jesus Chapel Organ was originally lent to the University of Notre Dame by Paul Fritts & Company to serve as the interim organ in the Basilica of the Sacred Heart before the installation of the Wayne and Diana Murdy Family Organ. After serving the Basilica for six months, the organ was purchased by Moreau Seminary and placed in the Sacred Heart of Jesus Chapel, which badly needed a new instrument. The generous, reverberant acoustic of the chapel and generous, supportive voicing by Paul Fritts make this relatively small instrument well suited for leading seminary liturgies. The sound fills the space and supports singing without ever being overpowering. Also, the organ is situated on a moveable base, so the instrument can be moved as needed for liturgical use and performance.

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**Manual I**
- 8’ Principal
- 4’ Octave
- 4’ Spitzflöte* 
- 2’ Gemshorn

**Manual II**
- 8’ Gedeckt
- 4’ Spitzflöte
- 2 2/3’ Nasat/Cornet II (c°) (half-draw Cornet)

**Pedal**
- 16’ Subbaß

- Direct mechanical key action, suspended
- Direct mechanical stop action
- Variable Tremulant

**Compass:**
- Manuals 58 Notes
- Pedal 30 Notes

**Couplers:**
- Manual II to Manual I
- Manual I to Pedal
- Manual II to Pedal

**Temperament:** Kellner

*transmission from Manual II
LOG CHAPEL ORGAN

Karl Wilhelm (1981)
Two Manuals, Four Stops, Four Ranks, 198 Pipes

Manual I
8’ Holzgedackt
4’ Holzflöte

Manual II
8’ Holzregal

Pedal
8’ [Gedackt]

Direct mechanical key action
Direct mechanical stop action

Compass: Manuals 56 Notes
Pedal 30 Notes

Couplers: Manual I to Pedal
Manual II to Pedal

ALL SOULS CHAPEL ORGAN

One Manuals, Five Stops, Six Ranks, 270 Pipes

Manual
8’ Gedackt (b/t)
4’ Gedackt (b/t)
2’ Principal (b/t)
II’ Sesquialt (t)
8’ Rankett (b/t)

Direct mechanical key action
Direct mechanical stop action

Compass: 53 Notes
Bass stops C-b9
Treble stops c’-d’′′′

**Hunt Family Continuo Organ**

Taylor and Boody Organ Builders, Op. 75 (forthcoming)

*One Manuals, Five Stops, Five Ranks, 217 Pipes*

the Hunt Family Continuo Organ organ

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**Manual**

- 8’ Gedackt (b/t)
- 8’ Principal (t)
- 4’ Rohrflöte (b/t)
- 2 2/3’ Nasat (t)
- 2’ Octave

Direct mechanical key action

Direct mechanical stop action

**Compass:** 53 Notes

- Bass stops C-b°
- Treble stops c’-d”

**Transpositions:** A-415, A-440, A-465

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*Taylor and Boody, Op. 44 (2002) pictured*