



ST DAVID'S MARIST INANDA

MEMORIAL PIPE ORGAN

Commemorative Booklet
Friday 28 February 2025



FAITH, CULTURE AND LIFE IN HARMONY

Contents

A 'STOP-BY-STOP' GUIDE TO THE NEW CHAPEL ORGAN

- About the organ
- Some fundamentals
- Stop descriptions
- A guide to the console
- The art of registration
- St David's memorial pipe organ memorial plaques
- St David's memorial pipe organ donors





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About OUR PIPE ORGAN

saob opus 1107

1981 - FOREVER

Our organ came from the GK Noordbrug church in Potchefstroom. It has been restored and expanded to meet the musical demands of St David's Marist Inanda.

Original specification: Henk Temmingh

Additional Specification: Ferdi le Grange & Matthew Lumsden

Inside the PIPE ORGAN

Inside a musical marvel

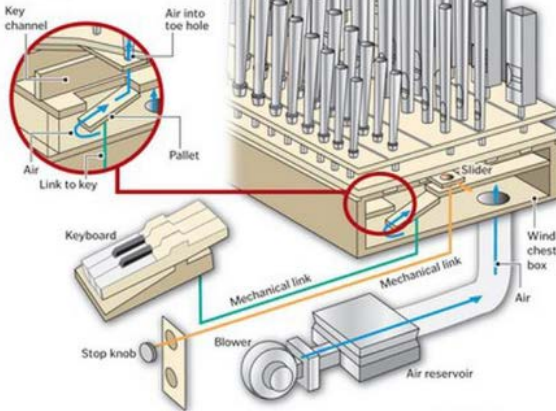
With their grand, glistening forests of pipes, organs are a visual as well as musical delight. The hundreds or thousands of hollow metal tubes in a pipe organ are the heart of an instrument with surprising complexity and range. But their voices can be stilled by corrosion damage.



Catherine Oertel, an Oberlin College chemist and organist, is part of an international effort to study and prevent organ pipe corrosion.

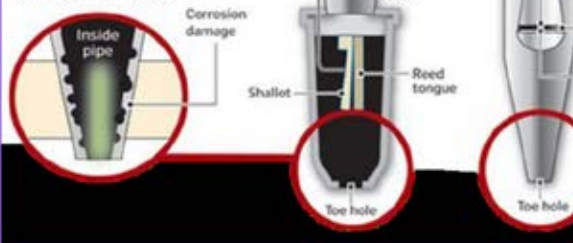
How a pipe organ works

Precisely controlled air movement is the key to a pipe organ's majestic sound. An electric blower (or a hand-operated bellows in the oldest organs) forces air into a sealed wooden box called a wind chest. Knobs adjusted by the organist control movable slats called sliders inside the wind chest. Depending on the sliders' position, they either block or allow air to reach specific groups of pipes, creating a particular timbre of sound. Pressing a key on the organ console admits air into a pipe corresponding to the desired pitch. Foot pedals play the deepest bass notes.



Pipes create the organ's voice

The pipes - usually a mixture of lead and tin - vary in length, from as short as a pencil to as tall as a tree. There are two types. One, called a flue pipe, produces musical tones when air passes across a whistle-like slot, or shallot. The other, a reed pipe, causes air to vibrate a metal tongue.



3
MANUALS

4
DIVISIONS

±1800
PIPES

2

Some FUNDAMENTALS

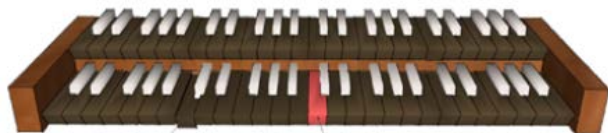
PIPELENGTHS



Pitch Heard Note played

16' Rank

Sounds the octave below



Note played Pitch Heard

4' Rank

Sounds the octave above



Note played Pitch Heard

2' Rank

Sounds two octaves above



Plays at Piano Pitch

8' Rank

Middle C Played Sounds at Middle C Pitch

3

Great MANUAL

UNENCLOSED

PIPES SOUND AT A FIXED VOLUME

8' Prestant

8' Roerfluit

4' Prinsipaal

4' Koppelfluit

2' Gemshoring

Mikstuur III-IV

16' Trompet-bas

8' Trompet

4' Klaroen



Swell MANUAL

ENCLOSED

VOLUME CONTROLLED BY SWELL PEDAL

8' Gedek

8' Voix Celeste

8' Unda Maris

4' Gemshoring

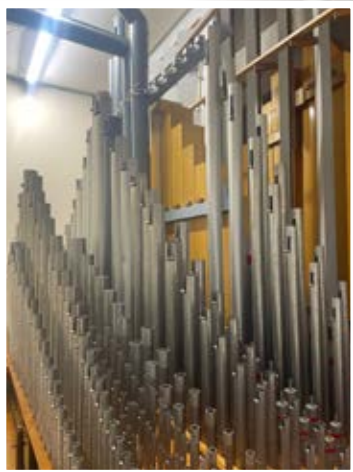
2' Naghoring

Mikstuur III

Sesquialter II

8' Kromhoring

Tremulant



Positive MANUAL

UNENCLOSED

PIPES SOUND AT A FIXED VOLUME

8' Fluit

8' Salisionaal

4' Fluit

4' Salicet

2' Fluit

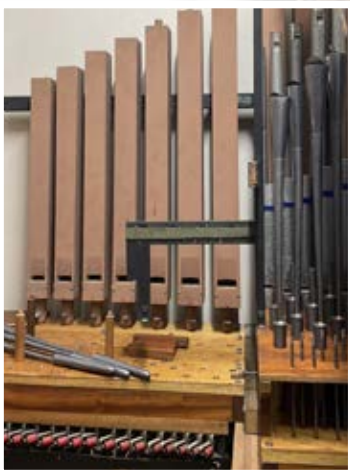
2 2/3 Nasat (From Flute)

2 2/3 Twaalfde (From Salisionaal)

1 3/5 Terts (From Flute)

8' Hobo

16' Bassoon TC



Pedal DIVISION

UNENCLOSED

PIPES SOUND AT A FIXED VOLUME

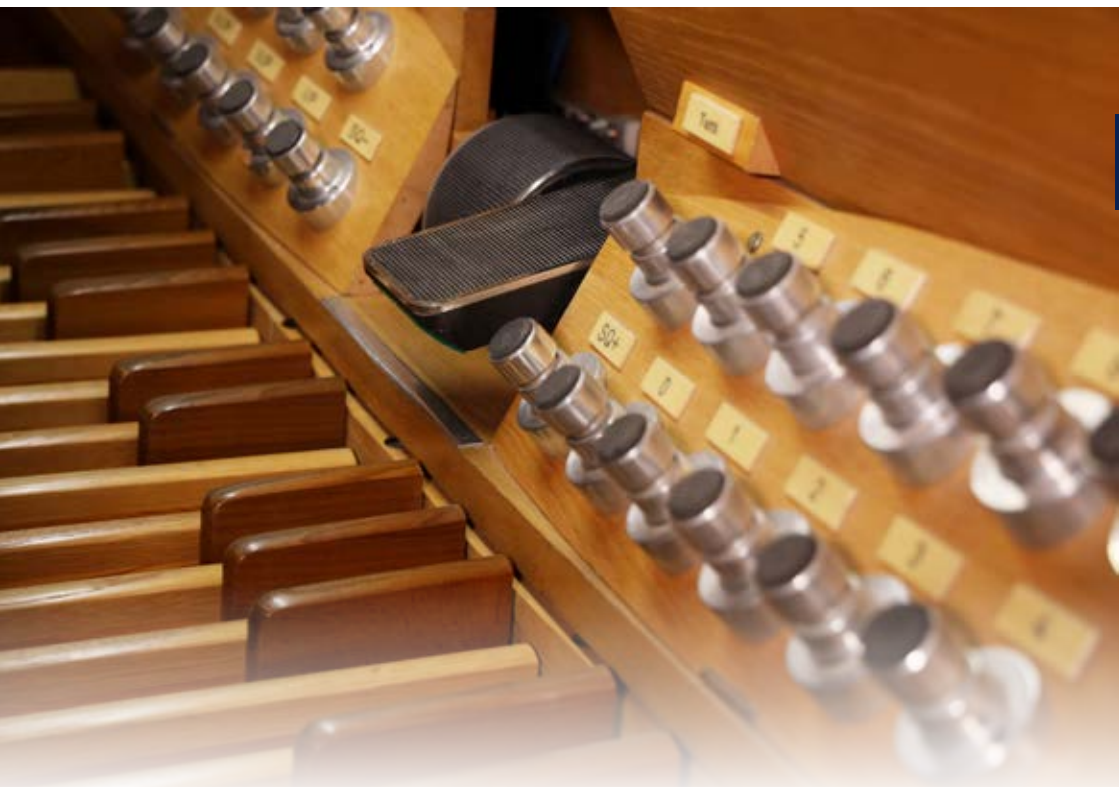
- 16' Subbas
- 8' Prestantbas
- 8' Gedek
- 4' Fluit
- 4' Koraalbas
- 16' Fagotto
- 8' Trompet
- 4' Klaroen



Expression SHOES

SWELL SHOE

Gradually opens the shutters of the swell box to allow the swell division to sing at a louder volume.



CRESCENDO SHOE

Gradually adds stops from a soft to loud registration depending on the position of the shoe.



4 Presets & TOE PISTONS

Buttons on between the manuals and pedals to allow the quick recall of preset combinations.

This facilitates a change in sound character that may be required to assist with a crescendo or decrescendo in a hymn or piece of music.

The state-of-the-art computer system that controls the workings of the organ will allow for the easy capturing and storage of various memory levels which can be personalised by each organist that uses the instrument.



Couplers

Allows the manuals to be played from another manual or to be coupled to the pedal division

SWELL COUPLERS

Swell-Pos

Swell-Great 16', 8', 4'

Swell-Ped

GREAT COUPLERS

Great-Ped

POSITIVE COUPLERS

Pos-Great

Pos-Swell

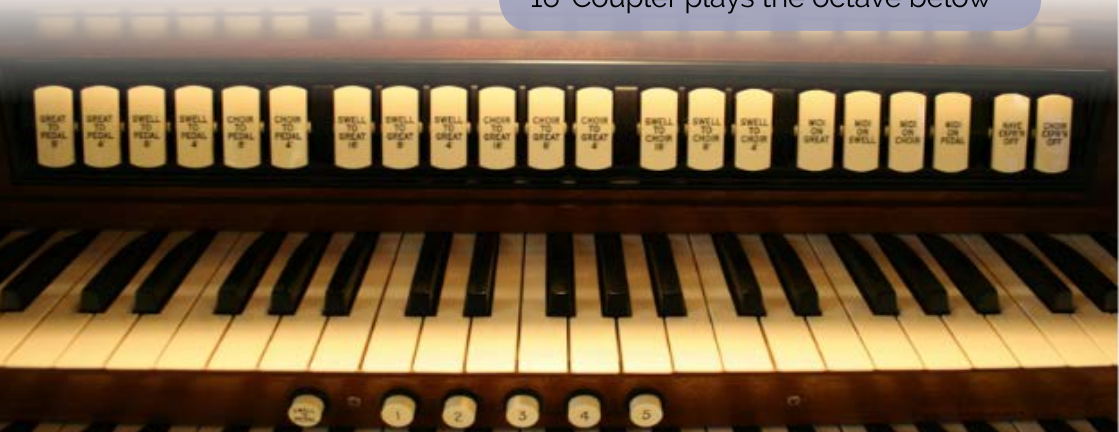
Pos-Ped

Note:

8' Coupler will play at the same pitch

4' Coupler plays the octave above

16' Coupler plays the octave below





The wonders OF TECHNOLOGY

RECORD

&

PLAY-BACK

Pre-record and have the organ play your piece back to you !

Can be used for:

- Mass accompaniment
- Recital planning
- Events in the chapel

5 The ART of REGISTRATION

Choosing stop combinations that compliment hymns



Flutes



Principals



Reeds



Strings

Pulling out the stops!

Principals

Non-imitative 'organ' sound. Louder than flutes.

01 Great

8' Prestant

Loud fundamental tone

4' Prinsipaal

Building up from the prestant

2' Gemshoring

Higher-pitched hybrid stop that works well as a flute or principal



02 Swell

4' Gemshoring

- Hybrid stop that functions well as a principal or flute. Much stronger than 4' Roerfluit.

03 Positive

- Nil

04 Pedal

8' Prestantbas

- Equivalent to the prestant on great.

4' Koraalbas

- Used like the 4' Prinsipaal on the great, particularly when a cantus firmus is played in the pedal.



FLUTES

Warm sounding soft stops

01 Great

8' Roerfluit

- flute with a chimney-like cap

4' Koppelfluit

- conical flute with a characteristic sound



02 Swell

8' Gedekt

- closed flute, warm sounding.

4' Roerfluit

- partially closed flute with a characteristic 'chiff'.

2' Naghoring

- high-pitched flute used to crown a chorus



03 Positive

Flute

- (available at 8' 4' & 2' pitch)

04 Pedal

16' Subbas

- Low pitched soft flute. Used in almost every registration

8 & 4' Flute

- Extension of the above stop at higher pitches.

STRINGS

Light stringy-sounding stops that are best used solo or with flutes.

01 Great

- Nil



02 Swell

8' Voix-Celeste

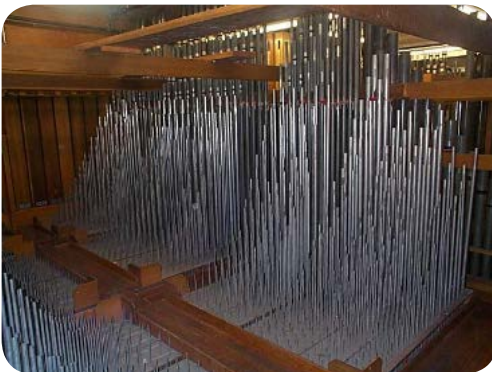
- A stop tuned slightly sharp compared to the rest of the organ. This produces a characteristic ethereal effect. Couple the positive to the swell with the salicional stops drawn for full effect.

03 Positive

8' Salisionaal

4' Salisionaal

- Thin and delicate sounding stops used in soft registrations.



REEDS

Stops that imitate the reed instruments in the orchestra

01 Great

Trompet (available at 16' 8' and 4')

- Loud reed used in final verses or fanfares

02 Swell

Kromhoring

- Nasal-sounding baroque reed

03 Positive

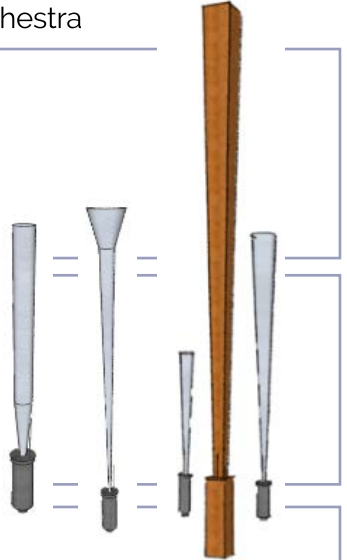
Oboe

- Warm sounding reed that can be used as a chorus or solo reed.

04 Pedal

Fagotto (Available at 16' 8' and 4')

- Adds gravitas to a loud registration



MUTATIONS

Stops at non-unison pitches that crown-off the ensemble. Sounds a different note to what is played.

01 Great

Mikstuur 3-4 st

- as above but composed of 3 pipes and sharper sounding

Sesquialtera

- 2 pipes sounding a 5th and 3rd above the note played.
- Pitches denoted at $2 \frac{2}{3}$ ' & $1 \frac{3}{5}$ 'sounding



02 Swell

Mikstuur 3st

- as above but composed of 3 pipes and sharper sounding

Sesquialtera

- 2 pipes sounding a 5th and 3rd above the note played.
- Pitches denoted at $2 \frac{2}{3}$ ' & $1 \frac{3}{5}$ 'sounding



03 Positive

- **Nazard** $2 \frac{2}{3}$ ' (Flute)
- **Twaalfde** $2 \frac{2}{3}$ ' (Salisionaal)
- **Terts** $1 \frac{3}{5}$ '



TOP-TIP! CREATE THE CORNET SOUND

- 5 ranks played together
- A bright, piquant tone thought by some listeners to resemble the Renaissance brass instrument
- Can be composed on the swell and positive

Components:

- 8' Flute
- 4' Flute
- $2 \frac{2}{3}$ ' Flute
- 2' Flute
- $1 \frac{3}{5}$ ' Flute

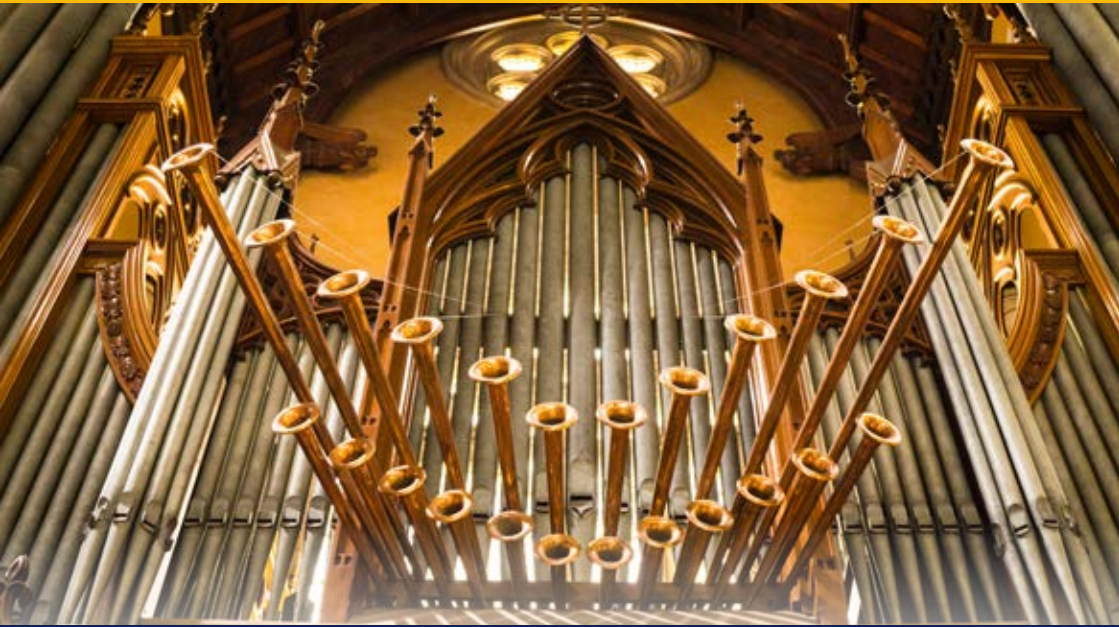




Plein JEU

FLUE STOPS AT VARIOUS PITCHES + MIXTURES

- **Definition:**
“Plein Jeu” translates to “full play” in French. It typically refers to a specific type of registration or combination of stops on the organ that produces a bright, full, and rich sound.
- **Characteristics:**
This registration often includes a combination of higher-pitched stops, such as flutes and mutations, creating a powerful and brilliant sound suitable for lively or festive sections of music.
- **Usage:**
It is commonly used in the opening or celebratory sections of a piece, providing a strong, clear sound that captures attention.



Grand JEU

FLUE STOPS AT VARIOUS PITCHES + MIXTURES + REEDS

- **Definition:** "Grand Jeu" translates to "great play." This term also refers to a specific registration on the organ but is generally associated with a more majestic and grand sound.
- **Characteristics:** The "Grand Jeu" registration typically uses a fuller combination of stops, including both higher and lower pitches, resulting in a more robust and encompassing sound. It often emphasizes the principal stops.
- **Usage:** This registration is used for climactic moments in a piece or for a more dramatic and powerful effect, often in the context of a grand finale or significant thematic material.



English SWELL

“CAGED TIGER”

- Full swell with the box closed, gradually opened and closed in-line with the text of the hymn or with a MF-F-FF-MF transition in a piece.



The CRESCENDO

8' Flue stops

4' Flue Stops

2' Stops

Oboe

Mutations

Mixtures

Reeds



pp < *ff*



Final STEP

ENJOY THIS SPECIAL INSTRUMENT, AND USE IT TO GOD'S GLORY IN MEMORY OF ALL ST DAVID'S COMMUNITY MEMBERS WHO HAVE PASSED.



'My Dream was for this organ to be loved by organists and listeners alike. Let's revive this sacred instrument and instill an appreciation for it's role in the generations to come!'

Yours in music,

Matt



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In Loving Memory Of



The Dobson-du Toit Grandfathers
Francois du Toit & Robert Dobson



Dayal & Ramila Chiba
Grandparents of Thashil, Aarya and Aarav Chiba



Maria Teresa Meloni & Guido Meloni
Grandparents of Sebastiano & Samuele Banchetti



Windsor H Shuenyane
Father of Khumo & Wanda Shuenyane



Mike & Mary von Guilleaume



Nelson Dube, Matilda Lister Sithole & Julie Moyo
Grandparents of Tyson Mthokozisi Sithole (Class of 2007)



Br Jude Pieterse & Br Mario Colussi



Herbert Mudzingwa
St David's College science teacher



and all in the wider St David's community who died during the
Covid-19 pandemic

*"May their souls and the souls of all the faithful departed,
through the mercy of God, rest in peace."*

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In gratitude to the St David's Marist Inanda

MEMORIAL PIPE ORGAN DONORS



Dobson-du Toit Family

Daryl Currie · Bindya & Manoj Chiba

Nkazimulo Ntuli · Webber Family

Sebastiano Banchetti & Samuele Banchetti (Class of 2024)

Pritchard Family · Soares Family

Shuenyane Family · Altini & von Bormann Family

von Guillaume Family · Luke Edward Bishop

3 Dot Foundation · Tyson Sithole (Class of 2007)

Matthew Crawford (Class of 2024) · Fiona Budd

Dylan Wiggill (Class of 2026) · Klement Family

Daniel, Michael & Thomas Pieterse

Matthew Lumsden (Class of 2016) · Susanne Human

St David's memorial pipe organ campaign, launched at the 2023 St David's Carol Service



St David's Memorial Pipe Organ Appeal Donation Options

Option 1

Adopt a family of pipes – 16' Trombone (to be renamed according to the donor's request)
R100 000

Option 6

Adopt a family of pipes – 5 choices
8' Gamba (gentle, airy tone that can be used to create orchestral effects)
8' Gemshorn (hybrid between a string and a flute)
Swell Mixture (set of three pipes providing the characteristic organ sound)
Great Mixture (slightly stronger tonal intensity, playable from a different keyboard)
R10 000 each



Option 2

Adopt a family of pipes – 8' Principal (façade pipes)
R50 000

Option 7

Adopt a family of pipes – 2 choices
Sesquialter II (a set of two high-pitched pipes – typical French Cornet sound)
8' Open flute (foundation stop that provides a warm and pure tone)
R7 500 each



Option 3

Adopt a family of pipes – 16' Open Wood (base sounds)
R50 000

Option 8

Adopt a family of pipes – 3 choices
4' Flute (one of the tonal foundations of the organ providing a round, warm and clear sound)
4' Gemshorn ('hybrid' between a string and flute)
2' Flute (high-pitched flute that adds brightness to the ensemble)
R5 000 each



Option 4

Adopt a family of pipes – 8' Trumpet (uses in musical fanfares)
R50 000

Option 9

Contribute to the most breath-taking part of the organ on display – the wooden façade
R2 500



Option 5

Adopt a family of pipes – 4 choices
8' Oboe (added to ensemble as part of crescendo or used as solo voice)
8' Clarinette (very similar sound to its orchestral counterpart)
8' Voix Celeste (translates to 'Heavenly Voice')
8' Bourdon (wide-scaled flute – felt more than it is heard)
R25 000 each

Option 10

Adopt a single pipe or note
16' Pipe – R1000 each (16 available)
8' Pipe – R750 each (594 available)
4' Pipe – R500 each (330 available)
2' Pipe – R250 each (330 available)
Mixture Pipe – R100 each (330 available)
Single note on the organ keyboard – R50 each (132 notes – 66 notes over 2 keyboards)
Single note on the pedalboard – R50 each (32 notes)

St David's Memorial PIPE ORGAN

This Memorial Pipe Organ was installed in the Chapel of Mary in memory of the members of the St David's Marist Inanda family who are no longer with us.

The pipe organ project was in planning shortly before the onset of the Covid-19 pandemic, and it is an appropriate memorial to all those lost during those times – boys, old boys, staff, parents and grandparents. While we remember their lives, this instrument is also a sign of the triumph of our community spirit and a recognition of the way we worked together with grit, resilience and adaptability to navigate this period. Above all, it is a measure of thanksgiving that, despite our losses, God has delivered us as a community and we can move forward together with gratitude in our hearts.

The pipe organ enriches the beauty of our worship through sacred music, elevating our prayers and sacraments during all religious occasions. It inspires all present at worship to participate with enthusiasm, reverence and joy.

We are grateful to Matthew Lumsden (Class of 2016), whose passion carried the project to completion, and to the project team who ensured the success of the installation.

Our gratitude extends to all whose contributions of time, expertise and funding have made this memorial possible for generations to come.

***The pipe organ was blessed by His Eminence Stephen Cardinal Brislin,
Metropolitan Archbishop of the Archdiocese of Johannesburg,
on Friday 28 February 2025***

