

St. Anne's Moseley Organ

Virtual Instrument for the Hauptwerk Virtual Pipe Organ

The Instrument

Welcome to the virtual **St. Anne's, Moseley organ**.

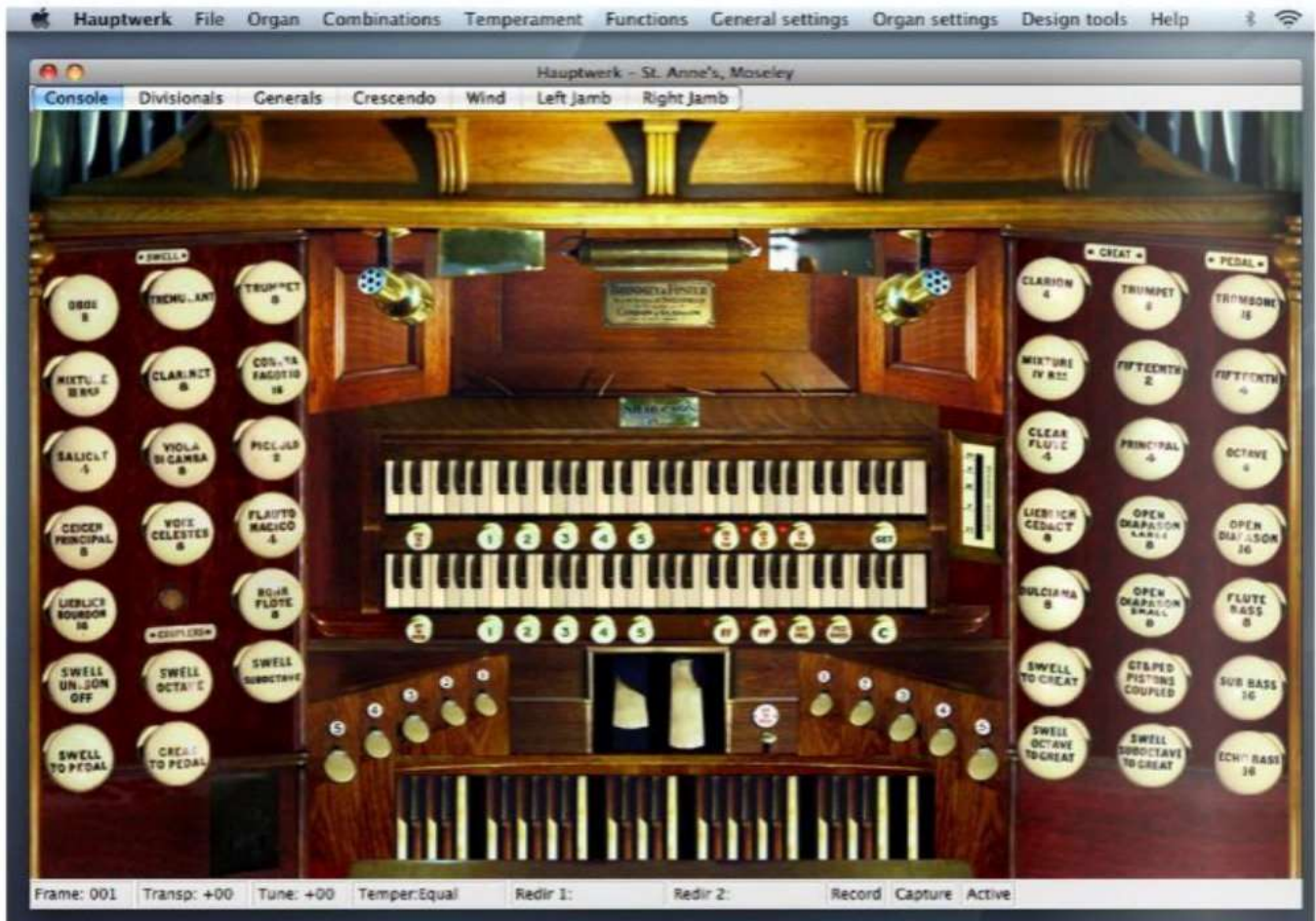
The real St. Anne's is a Church of England parish church in the diocese of Birmingham, located on Park Hill, Moseley, Birmingham, England. It was built in 1874 and the present organ was constructed by Brindley and Foster of Sheffield in 1907, with significant modifications by Nicholson of Malvern in 1984. The organ now has thirty speaking stops, two sixty-one note manuals, a thirty-note concave radiating pedalboard, and is fully functional.



On a cold February night in 2001 Hauptwerk's original author, Martin Dyde, painstakingly recorded every note on every stop on the organ with the kind assistance of Peter Howard, the organist of St. Anne's. High-quality professional recording equipment and microphones were used to record the samples to DAT in 16-bit, 48 kHz, with

each note recorded being about 3-7 seconds in length.

Over the following nine months the samples were mixed down into mono at 16-bit, 44.1 kHz (CD quality) to produce a sample set for Hauptwerk version 1 that would have a relatively modest memory requirement, edited and processed with noise reduction. Due to the rather haphazard tuning of the instrument, the whole sample set was re-tuned to A-440 concert pitch and equal temperament. Samples from defective pipes were re-created from their neighbors where necessary, and moderate regulation and voicing discrepancies were corrected digitally. However, the intention was to maintain the character and integrity of the original instrument, with minimal modifications and corrections being made.



Following several more recording sessions in 2004 and 2005, for Hauptwerk version 2 and above we revised the whole sample set, with a new photo-realistic console and models of the acoustic effects of the swell box, tremulants, effects of the wind supply system, multi-looped samples and much more. All models were based on detailed analysis of recordings and measurements made from the real instrument. We kept the samples in their original mono format since Hauptwerk can pan them into stereo in real-time.

Special thanks to Reiner Suikat of [Pipeloops](#) for assistance in the preparation of the sample set. You can also read more about both on the [St. Anne's, Moseley Church website](#).

A brief tour of St. Anne's

The church was built as a daughter church of the larger St. Mary's, Moseley, and was completed and consecrated in 1874. It was paid for by Rebecca Anderton, and built upon land donated by W. F. Taylor. Mainly stone, its design by Frederick Preedy is of a basic gothic style.

The exterior in winter:



The nave:



The altar, east window and organ:



The Organ Specification

The organ of St. Anne's, Moseley, Birmingham, England, is a 1907 two-manual Brindley and Foster instrument with the following specification:

SWELL:

- Lieblich Bourdon 16' (wood, Brindley).
- Geigen Principal 8' (metal, Brindley).
- Salicet 4' (metal, Brindley).
- Rohr Flute 8' (wood, Brindley).
- Flauto Magico 4' (wood, Brindley).
- Gamba 8' (metal, Brindley).
- Voix Celeste 8' (metal, Brindley).
- Piccolo 2' (metal, Brindley).
- Mixture III ranks (metal, Nicholson).
- Clarinet 8' (metal, Nicholson).
- Trumpet 8' (metal, Nicholson).
- Oboe 8' (metal, Nicholson).
- Contra Fagotto 16' (metal, Brindley and Nicholson).
- Tremulant

PEDAL:

- Open Diapason 16' (wood, Brindley and Schultz).
- Echo Bass 16 (wood, Brindley).
- Sub-Bass 16' (wood, Brindley).
- Principal 8' (wood and metal, Schultz and Nicholson).
- Bass Flute 8' (wood, Brindley).
- Fifteenth 4' (metal, Nicholson).
- Trombone 16' (metal, Nicholson).

The following have been added for the Hauptwerk virtual model of the instrument:

ACCESSORIES:

- 40-stage Crescendo, adjustable.
- General Cancel.
- Setter piston.
- FF piston, adjustable.
- PP piston, adjustable.

COUPLERS:

- Swell to Great Melody.
- Pedal to Great Bass.
- Crescendo on Swell.
- Crescendo on Great.
- Crescendo on Pedal.

GREAT:

- Open Diapason Large 8' (metal, Brindley).
- Open Diapason Small 8' (metal, Lewis).
- Dulciana 8' (metal, Lewis).
- Lieblich Gedact 8' (wood, Lewis).
- Principal 4' (metal, Lewis).
- Clear Flute 4' (metal, Brindley).
- Fifteenth 2' (metal, Brindley).
- Mixture IV ranks (metal, Nicholson).
- Trumpet 8' (metal, Nicholson).
- Clarion 4' (metal, Nicholson).

COUPLERS:

- Swell Octave.
- Swell Sub-Octave.
- Swell Unison Off.
- Swell to Great.
- Swell to Pedal.
- Great to Pedal.
- Swell Octave to Great.
- Swell Sub-Octave to Great.
- Great and Pedal Pistons Coupled.

ACCESSORIES:

- 5 Thumb pistons to Swell, adjustable.
- 5 Thumb pistons to Great, adjustable.
- Reversible Swell to Great.
- Reversible Great to Pedal.
- 5 Toe pedals to Swell, adjustable.
- Reversible Toe pedal Great to Pedal.
- Balanced Swell pedal.

A tour of the organ

The first organ in St. Anne's was a small chamber by the respected firm of J. C. Lewis of London, whose pipework was later incorporated into the current instrument.

The current instrument was commissioned from Brindley & Foster of Sheffield in 1906 by the Rev. John Hatton Jones and completed in 1907; a two-manual and pedal instrument with pneumatic action and manual crank-operated blowing.

An electric blower was installed in 1921 and the pneumatic action on the manual divisions replaced by Harris of Birmingham after wartime bomb damage in 1940. Some cleaning and re-regulation was undertaken in 1954, and again in 1969, the latter by Nicholson & Co. of Malven and including some tonal re-design and additional pipework. Electric actions replaced the electro-pneumatic in 1984, and the combination action was made adjustable by the pictured switchboard, along with various other maintenance and improvements to the console, again by Nicholson. In 1989 Nicholson replaced the original Brindley & Foster slider-less chests with electric slider chests and several additional reed ranks were installed.

The main facade:



The manuals and thumb pistons:



The Swell stop jamb on the left of the console:



The Great and Pedal jamb on the right:



The combination programming switch board:



The main part of the console:



The pedals, swell pedal and toe pistons:



The console from the choir:



The side of the organ chamber:



The Great Large Open pipework at the front of the organ:



The Great wind-chest:



Some of the Pedal pipework at the side of the organ chamber:



Transcription

The Instrument

St. Anne's Moseley Organ Virtual Instrument for the Hauptwerk Virtual Pipe Organ

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The virtual instrument in Hauptwerk

This virtual instrument comes included with all editions of Hauptwerk and is installed on your computer automatically when Hauptwerk is installed. The instrument is quite versatile and is meant to give users an overview of the many features that Hauptwerk offers (but by no means all of them). You can read more about both the church and the organ on the St. Anne's, Moseley Church website.

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The main facade:

6 6 The manuals and thumb pistons: The stop jambs of the console:

7 7 The combination programming switch board: The main part of the console: The pedals, swell pedal and toe pistons:

8 8 The console from the choir: The side of the organ chamber: The Great Large Open pipework at the front of the organ:

9 9 The Great wind-chest: Some of the Pedal pipework at the side of the organ chamber: