# Christ Church Cathedral, Dublin

**KENNETH JONES & ASSOCIATES, 1984**
**FLENTROP ORGELBOUW, 2004**

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| Left jamb: left column | | Left jamb: right column | | Right jamb: left column | | Right jamb: right column | |
|---|---|---|---|---|---|---|---|
| **Swell** | | **Choir** | | **Great Tremulant** | | **Great** | |
| Tremulant | | Cromorne | 8 | | | Trumpet | 8 |
| Oboe | 8 | Tierce | 1 ⅗ | **PEDAL** | 4 | Scharff iii | 1 |
| Cornopean | 8 | Gemshorn | 2 | Clarion | 8 | Mixture iv | 2 |
| Double trumpet | 16 | Nazard | 2⅔ | Bass Trumpet | 16 | Tierce | 1 ⅗ |
| Scharf iii-iv | 1 | Rohrflute | 4 | Trombone | 2⅔ | Open Flute | 2 |
| Sesquialtera ii | 2⅔ | Stopped Diapason | 8 | Mixture iv | 4 | Fifteenth | 2 |
| Gemshorn | 2 | | | Fifteenth | 8 | Nazard | 2⅔ |
| Wood Flute | 4 | **Couplers** | | Bass Flute | 8 | Nachthorn | 4 |
| Principal | 4 | Choir to Swell | | Octave | 16 | Octave | 4 |
| Gedackt | 8 | Swell to Great | | Bourdon | 16 | Rohrflute | 8 |
| Salicional | 8 | Choir to Pedal | | Principal | 16 | Principal | 8 |
| Celeste | 8 | Swell to Pedal | | Open Wood | | Quintaton | 16 |
| | | Great to Pedal | | | | | |

NB: No drawstop for Pedal Contra Trombone 32; operable by reversible piston (see below)

Manual compass: CC-g'''
Pedal compass: CC-f
Temperament: Equal
Order of manuals: Great I, Swell II, Choir III
Disposition of departments:
Choir in "Brust" position above console; Great in centre of case; Swell at top of case
Pedal behind Great, with larger bass pipes at rear and in base of case

ARRANGEMENT OF PISTONS

Reversible pistons (with light indicators) above Choir manual, from left to right:

| Ped 32' | Ped on Sw thumb | Gens on Sw toe | Gens on Ped toe | Gt&Ped pistons cpld |
|---|---|---|---|---|

In Choir keyslip, from left to right:

| generals 1234 | Ch/Ped | divisionals 123456 | generals 5678 |
|---|---|---|---|

In Swell keyslip, from left to right:

| gen previous | Ch/Sw | Sw/Ped | divisionals 12345678 | gen advance |
|---|---|---|---|---|

In Great keyslip, from left to right:

| setter | Sw/Gt | Gt/Ped | divisionals 12345678 | gen advance | cancel |
|---|---|---|---|---|---|

To left of Swell pedal:

| Sw trem | Gt trem | Sw divisionals 8642 | gen previous |
|---|---|---|---|
| Ch/Ped | Sw/Ped | Sw divisionals 7531 | Sw/Gt |

To right of Swell pedal:

| gen advance | Ped divisionals 2468 | |
|---|---|---|
| Gt/Ped | Ped divisionals 1357 | Ped 32' |

Each competitor will have a memory card giving access to one of eight memory banks.
Each bank offers 16 channels for divisional pistons and 96 (with stepper) for generals.

PISTON SYSTEM

Christ Church Cathedral organ is equipped with a modern multi-level capture system of the English/American type, comprising divisional pistons (acting only on the registers of an individual division) and general pistons (acting on registers and couplers of all divisions).
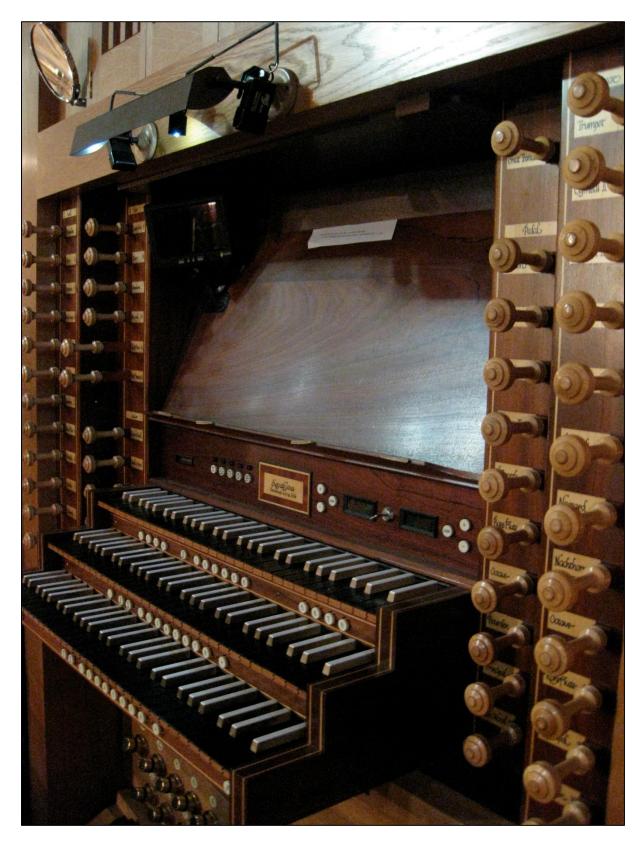
The piston memory is an 'open platform' style system whereby each of the 8 banks of memory is unlocked by a card. Once the card is inserted, the requisite bank of memory is engaged.

There are 8 general pistons and 8 divisional pistons per division and various reversible pistons for couplers, including pistons couplers to facilitate great and pedal combinations coupled and general pistons on swell toe pistons. There are 16 memories of divisional pistons and 96 independent memories of general pistons available in each bank.

To set a piston: select the stops desired, press and hold the setter piston (to the extreme left of the great keyslip) and press the piston upon which the combination is to be set. Release both pistons. It is advisable to check that your combinations have set successfully.

Stepper: There is a stepper function which enables the player to scroll through the general pistons in sequence by repeatedly pressing a single advance piston (available as toe and thumb): when one reaches the end of one memory (mem1 gen 8) and presses the advance again, the system will advance to the next piston in the sequence (ie mem 2 gen 1).

Please take great care to ensure that you are on the correct bank and memory before setting any pistons—not only your registrations but also those of other competitors will be jeopardised otherwise.
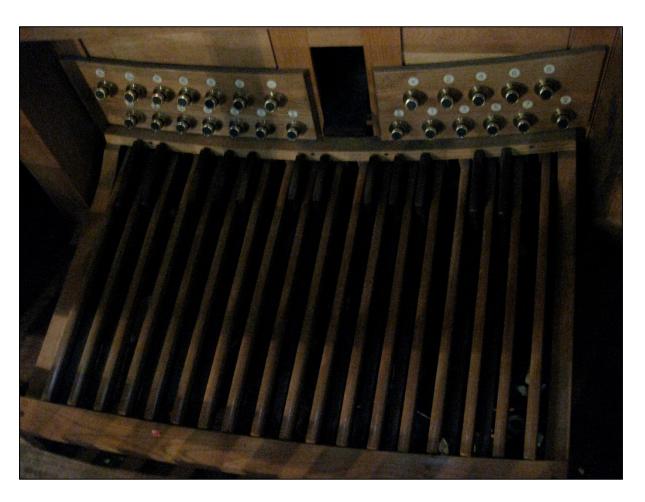
CONSOLE

KEYBOARDS

II Swell

Tremulant

Oboe 8

Cornopean 8

Double Trumpet 16

Scharf III~IV 1

Sesquialtera II

Gemshorn 2

Wood Flute 4

Principal 4

Gedeckt 8

Salicional 8

Celeste 8

Choir

Cromorne 8

Tierce 1³⁄₅

Gemshorn 2

Nazard 2²⁄₃

Rohrflute 4

Stopt Diapason 8

Couplers

Choir to Swell

Swell to Great

Choir to Pedal

Swell to Pedal

Great to Pedal

RIGHT STOP JAMB

PEDAL BOARD

PEDAL PISTONS LEFT



PEDAL PISTONS RIGHT