

## Organ Registration - Christ Church URC, Chelmsford

### Great Organ

Double Diapason	16'
Open Diapason	8'
Stopped Diapason	8'
Dulciana	8'
Lieblich Flute	4'
Principal	4'
Twelfth	2 <sup>2/3</sup> '
Fifteenth	2'
Tierce	1 <sup>3/5</sup> '
Mixture	19.22
Trumpet	8'
Clarion	4'

Sw Sub to Great

Sw Oct to Great

### Swell Organ

Open Diapason	8'
Gedackt	8'
Salicional	8'
Vox Angelica (T.C.)	8'
Gemshorn	4'
Nazard	2 <sup>2/3</sup> '
Flageolet	2'
Mixture	22.26.29
Contra Fagotto	16'
Trompette	8'
Oboe	8'

Tremulant

Sub Octave

Super Octave

### Positive Organ

Gemshorn	8'
Flute	8'
Gemshorn	4'
Flute	4'
Nazard	2 <sup>2/3</sup> '
Gemshorn	2'
Flute	2'
Tierce	1 <sup>3/5</sup> '
Larigot	1 <sup>1/3</sup> '
Trumpet	8'
Oboe	8'
Clarion	4'

### Pedal Organ

Contra Bourdon *	32'
Open Wood *	16'
Diapason	16'
Sub Bass	16'
Lieblich Bourdon	16'
Principal	8'
Bass Flute	8'
Super Octave	4'
Contra Trombone *	32'
Trombone	16'
Contra Fagotto	16'
Oboe	8'
Oboe	4'

8 general pistons; 6 divisional pistons; 30 levels of memory

Couplers: Sw to Gt; Sw to Pos, Pos to Gt; Gt to Ped; Sw to Ped; Pos to Ped; Gt and Ped comb coupled

\* Denotes digital ranks

### About the Organ

Built for the new church in 1972 by the Thaxted firm of Cedric Arnold as a two manual and pedal instrument, it uses most of the pipework, soundboards and bellows from the old London Road Congregational Church organ. In the early 1980s Hill Norman and Beard enlarged the organ to 3 manuals and pedals, incorporating one of their extension units, which we see situated just underneath the main organ shelf, to form the 'Positive' division. The console was also moved to its present position. In 2003 it was becoming increasingly apparent that there were problems with the organ's transmission and piston systems and this, combined with leakage from the bellows, meant that solutions had to be found. Schemes were drawn up, including the possibility of 'mothballing' the pipe organ and purchasing an electronic substitute, however it was decided to carry out a comprehensive rebuilding of the pipe organ and the contract was awarded to The Village Workshop Organ Builders. Work commenced in January 2004 and was completed in time for Easter of the same year. The work included a new 12 volt digital transmission and multichannel piston system, with the provision for 8 general and 6 divisional pistons, the re-leathering of all bellows and concussion units, and the manufacturing of new electro pneumatic under actions to the Swell and Great departments. A new 3 stop digital pedal unit was also fitted, replacing an old and rather poor analogue system. The Great Trumpet was taken off the main soundboard and placed on a new chest in an elevated position at the back of the organ, gaining at the same time a Clarion extension and being made available on both Great and Positive divisions at 8 and 4 foot pitch. The Swell department benefitted from the inclusion of an Oboe stop, also extended but this time downwards to provide 16 foot pitch as a Contra Fagotto (also playable on the pedal organ). All the winding system and controls were opened up to maximum capacity so as to avoid wind starvation on full organ and all pedal and unit chests were re-leathered and fitted with new electro magnets. Tonally the organ underwent a significant amount of re-voicing, with substantial softening of several ranks in order to give a more cohesive and balanced sound that we are able to enjoy and experience today. In 2016, the Swell Oboe was made playable on the Positive Organ in order to improve the organ's solo versatility.