

Tonal Re-design Organ Specification, 2021

Compass: Manual, 61 notes; Pedal, 32 notes

53 ranks; 3,489 pipes

II. Great: exposed, 12 ranks – 756 pipes

16 Violone
8 Open Diapason, sc. 43
8 Gemshorn
8 Rohrflute
8 Flute Celeste II (Choir)
8 Erzähler Celeste II (Choir)
4 Octave
4 Chimney Flute
2 2/3 Quinte
2 Super Octave
III Mixture (1 1/3)
II Sharp Mixture (1/2)
16 Contra Trumpet tc (enclosed in Choir)
8 Trompette Héroïque
8 Trumpet (enclosed in Choir)
8 Harmonic Tuba (Solo)*
4 Clarion (enclosed in Choir)
Great Unison Off
4 Great to Great
**Non-couple*

I. Choir: enclosed, 12 ranks – 720 pipes

16 Contra Erzähler
8 Geigen Principal, sc. 45
8 Concert Flute
8 Flute Celeste
8 Erzähler
8 Erzähler Celeste (tc)
4 Octave
4 Flute D' Amour
2 2/3 Nasat
2 Fifteenth
2 Flautino
1 1/3 Larigot
1 Fugara
8 Trompette Héroïque

III. Swell: enclosed, 13 ranks – 937 pipes

16 Bourdon Doux
8 Open Diapason, sc. 45
8 Bourdon
8 Viol D' Gamba
8 Viol Celeste (tc)
4 Principal
4 Flute Harmonique
2 Doublette
2 Flute A' Bec
II Sesquialtera (Derived)
IV Mixture (2)
16 Posaune
8 Trompette Héroïque (Great)
8 Trompette
8 Oboe
8 Vox Humana
4 Clairon
Tremulant
16 Swell to Swell
Swell Unison Off
4 Swell to Swell

Choir – CONT.

8 Trumpet
8 Clarinet
Tremulant
Zimbelstern
16 Choir to Choir
Choir Unison Off
4 Choir to Choir

IV. Solo: enclosed, 12 ranks, 684 pipes

16 Quintadena
8 Stentorphone, sc. 38
8 Flauto Mirabilis
8 Quintadena
8 Gross Gamba

8 Gamba Celeste
8 Viole D' Orchestra
8 Viol Celeste
IV Grande String 8 (All Solo String ranks)
4 Tibia Flute
2 Piccolo
16 Trombone*
16 Trompette Héroïque
8 Harmonic Tuba*
8 Trompette Héroïque

**On 12" of wind*

***16-8-4 Trompette Héroïque are non-coupling*

8 French Horn*
8 English Horn*
4 Tuba Clarion*
4 Trompette Héroïque
Tremulant
Chimes
16 Solo to Solo
Solo Unison Off
4 Solo to Solo

Pedal: 4 ranks – 212 pipes

32 Contra Bass, Resultant
32 Echo Bourdon, Resultant
16 Wood Diapason
16 Subbass
16 Violone (Great)
16 Quintadena (Solo)
16 Bourdon Doux (Swell)
8 Principal
8 Major Flute
8 Bass Flute
8 Gemshorn (Great)
8 Bourdon (Swell)
5 1/3 Quinte (Swell)
4 Octave

4 Flute
2 Super Octave
III Rauschpfeife
32 Contra Posaune (Swell)
32 Grand Harmonics (Derived)
16 Tuba Profunda (Solo)
16 Posaune (Swell)
8 Harmonic Tuba (Solo)
8 Trompette Héroïque (Great)
8 Trompette (Swell)
4 Tu ba Clarion (Solo)
4 Clairon (Swell)
4 Clarinet (Choir)

Expression: Swell, Choir, Solo, Master Expression (Solo Shoe), and Crescendo Pedal;
Master Expression reversible piston.

Mechanicals: Solid State capture combination action with 10 levels of memory; general (18),
divisional (6), and cancel pistons; toe studs general (10), pedal (6), and cancel;
Great, Swell, Choir, and Solo to Pedal reversible pistons and toe studs; all Pedal
32s have reversible pistons and toe studs; Zimbelstern, sforzando, and tutti
reversible pistons and toe studs; general cancel and set pistons.

Couplers: Great, Swell, Choir, and Solo 8 and 4 to Pedal
Swell, Choir, and Solo 16, 8, and 4 to Great
Swell 16, 8, and 4 to Choir
Great 8 and Solo 8 to Choir
Swell 8 to Solo
Solo 8 to Swell

Console prepared for Antiphonal Division