

## TONAL SPECIFICATION

First Presbyterian Church  
 Charlotte, North Carolina

20 June 2022

### GREAT ORGAN *unenclosed*, 13 ranks Flues and Reed 5" wp

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Double Open Diapason	16'	43 pipes	1-18 Pedal 16' Violone
Open Diapason	8'	49 pipes	1-9 Pedal 16' Diapason
Harmonic Flute	8'	49 pipes	1-12 from Pedal Bourdon
Bourdon	8'	61 pipes	
Violoncello	8'	61 notes	from Pedal
Dulciana	8'	61 notes	Choir
Octave	4'	61 pipes	
Spire Flute	4'	61 pipes	
Twelfth	2-2/3'	61 pipes	
Fifteenth	2'	61 pipes	
Mixture IV	1 1/3'	244 pipes	
Bassoon	8'	61 notes	From Choir
Trumpet	8'	61 pipes	
Tuba,	8'	61 notes	From Solo
Chimes			

### SWELL ORGAN *enclosed*, 20 ranks Flues and Reeds 5" wp

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Open Diapason	8'	61 pipes	
Chimney Flute	8'	61 pipes	
Gamba	8'	61 pipes	
Voix Celeste GG	8'	54 pipes	
Flauto Dolce	8'	49 pipes	
Flute Celeste TC	8'	49 pipes	
Octave	4'	61 pipes	
Triangle Flute	4'	61 pipes	
Nazard	2-2/3'	54 pipes	
Fifteenth	2'	61 notes	Double-draws Mixture 15 <sup>th</sup>
Flageolet	2'	61 pipes	
Tierce	1-3/5'	61 pipes	
Mixture IV-V	2'	250 pipes	
Contra Trumpet	16'	61 pipes	
Trumpet	8'	61 pipes	
Oboe	8'	61 pipes	

Clarion	4'	61 pipes
Tremulant		
Swell to Swell	16'	
Swell Unison Off		
Swell to Swell	4'	

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**CHOIR ORGAN** *enclosed, 13 ranks* Flues and reeds 5" wp

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Contra Dulciana	16'	73 pipes
Geigen Diapason	8'	61 pipes
Flauto Traverso	8'	49 pipes
Dulciana	8'	61 notes
Unda Maris TC	8'	49 pipes
Octave	4'	61 pipes
Harmonic Flute	4'	61 pipes
Harmonic Piccolo	2'	61 pipes
Mixture III-IV	1'	200 pipes
Bassoon	16'	85 pipes
Bassoon	8'	61 notes Extension
Clarinet	8'	61 pipes
Tremulant		
Tuba	8'	61 notes From Solo
Choir to Choir	16'	
Choir Unison Off		
Choir to Choir	4'	

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**SOLO ORGAN** *enclosed in Choir, 4 ranks* Flue and Reeds 10" wp

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Contra Dulciana	16'	61 notes Choir
Principal Diapason	8'	61 notes Ext. Pedal 16' Double Open, unenclosed
Dulciana	8'	61 notes Choir
Doppel Flute	8'	49 pipes 1-12 from Pedal Bourdon
Dulcet	4'	61 notes Choir
Bassoon	16'	61 notes From Choir
French Horn	8'	54 pipes 1-7 from Pedal Bourdon
English Horn	8'	61 pipes
Bassoon	8'	61 notes From Choir
Oboe	8'	61 notes From Swell
Tremulant		
Tuba	8'	73 pipes
Tuba Clarion	4'	61 notes From Solo
Solo to Solo	16'	
Solo Unison Off		

Solo to Solo 4'

**PEDAL ORGAN** *unenclosed, 4 ranks reeds on 5½" wp, Flues on 5"*

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Contra Bourdon	32'	4 pipes	GGGG, AAAA, AAAA# and BBBB, CCCC thru FFFF#, GGGG# Digital
Open Diapason	16'	73 pipes	
Bourdon	16'	44 pipes	
Violone	16'	73 pipes	
Contra Dulciana	16'	32 notes	From Choir
Octave	8'	32 notes	Extension
Bourdon	8'	32 notes	Extension
Violone	8'	32 notes	Extension
Dulciana	8'	32 notes	From Choir
Super Octave	4'	32 notes	Extension
Contra Bassoon	32'	12 pipes	Extension Choir
Trombone	16'	44 pipes	
Contra Trumpet	16'	32 notes	From Swell
Bassoon	16'	32 notes	Extension Bassoon
Tromba	8'	32 notes	Extension of 16' Trombone
Trumpet	8'	32 notes	From Swell
Bassoon	8'	32 notes	From Choir
Oboe	4'	32 notes	From Swell
Clarion	4'	32 notes	From Swell
Tuba	8'	32 notes	From Solo

**COUPLERS**

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Great to Pedal	8', 4'
Swell to Pedal	8', 4'
Choir to Pedal	8', 4'
Solo to Pedal	8', 4'
Swell to Great	16', 8', 4'
Choir to Great	16', 8', 4'
Solo to Great	16', 8', 4'
Great to Choir	8'
Swell to Choir	16', 8', 4'
Solo to Choir	16', 8', 4'
Pedal to Choir	8'

Choir to Swell           16', 8', 4'  
Solo to Swell           16', 8', 4'

Manual Transfer

## COMBINATION ACTION

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Great Organ Divisional Pistons	1-8
Swell Organ Divisional Pistons	1-8
Choir Organ Divisional Pistons	1-8
Solo Organ Divisional Pistons	1-8
Pedal Organ Divisional Pistons	1-8, 1-4 duplicate on Toe Studs
General Pistons	1-12, 5-12 duplicate on Toe Studs
Next Piston Sequencer	2 Pistons and 1 Toe Stud
Previous Piston Sequencer	2 Pistons and 1 Toe Stud
Set Piston	
General Cancel Piston	

## CRESCENDO & EXPRESSION

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General Crescendo Pedal- 60 Positions, 3 adjustable and 1 standard  
Swell Expression Pedal  
Solo-Choir Expression Pedal

## REVERSIBLES

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Great to Pedal	Thumb Piston and Toe Stud
Swell to Pedal	Thumb Piston and Toe Stud
Choir to Pedal	Thumb Piston and Toe Stud
Solo to Pedal	Thumb Piston and Toe Stud
Swell to Great	Thumb Piston and Toe Stud
Choir to Great	Thumb Piston
Swell to Choir	Thumb Piston
Sforzando	Thumb Piston, Toe Stud and Indicator Light
Manual Transfer	Thumb Piston and Indicator Light
Solo Reeds Off	Thumb Piston
Zimbelstern	Thumb Piston
Signal	Thumb Piston (Church interphase)

TOTAL NUMBER OF RANKS: 57

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