

ST. JAMES BY-THE-SEA EPISCOPAL CHURCH
LA JOLLA, CALIFORNIA



St. James by-the-Sea is proud to introduce

ROSALES ORGAN BUILDERS, LOS ANGELES, CALIFORNIA, OP. 42
BUILT IN COLLABORATION WITH
PARSONS PIPE ORGAN BUILDERS, CANANDAIGUA, NEW YORK, OP. 51
(SPRING 2022)

Four Manuals – 65 Voices – 79 Ranks – 102 Stops

GREAT – Manual II – unenclosed (* enclosed with Choir)

16 voices, 21 ranks, 18 stops, 1208 pipes

16'	Double Open Diapason (FF)	56	pipes
16'	Violoncello*	61	pipes
8'	First Diapason	61	pipes
8'	Second Diapason*	61	pipes
8'	Bourdon *	61	pipes
8'	Flûte harmonique *	61	pipes
8'	Violoncello *	12	pipes (ext. 16')
4'	First Octave	61	pipes
4'	Second Octave *	61	pipes
4'	Spitzflöte *	61	pipes
2 2/3'	Octave Quint	61	pipes
2'	Super Octave	61	pipes
1 3/5'	Tierce	54	pipes
	Fourniture IV-VI	300	pipes
	Tremulant		
16'	Contra Tromba *	61	pipes – high pressure
8'	Tromba *	61	pipes – high pressure
4'	Tromba Clarion *	61	pipes – high pressure
8'	Tuba Mirabilis	---	(So.)
	Chimes		Digital
	Unison Off		

SWELL – Manual III – enclosed

16 voices, 19 ranks, 17 stops, 1126 pipes

16'	Lieblich Gedeckt	61	pipes
8'	Geigen Diapason	61	pipes
8'	Rohrflöte	61	pipes
8'	Viole de Gambe	61	pipes
8'	Vox Celeste	61	pipes
8'	Flauto Dolce	61	pipes

8'	Flute Celeste (TC)	49	pipes
4'	Principal	61	pipes
4'	Flûte traversière	61	pipes
2'	Octavin	61	pipes
	Plein Jeu III-IV	211	pipes
16'	Contre Basson	61	pipes
8'	Trumpet	61	pipes
8'	Basson	12	pipes (ext. 16')
8'	Oboe	61	pipes
8'	Vox Humana	61	pipes
4'	Clarion	61	pipes
	Tremulant		
	Swell 4' & 16'		
	Unison Off		

SOLO – Manual IV - enclosed

9 voices, 9 ranks, 14 stops, 561 pipes

8'	Doppleflöte	61	pipes
8'	Concert Flute	61	pipes
8'	Gamba	61	pipes
8'	Gamba Celeste	61	pipes
4'	Hohlpfeife	61	pipes
	Cornet V (TF)	195	pipes (mounted)
8'	French Horn	61	pipes
8'	English Horn	61	pipes
	Tremulant		
8'	Tuba Mirabilis	73	pipes
8'	Tromba Marina	(Ant.)	
	Enclosed Great Reeds on Solo		
	Solo 4' & 16'		

CHOIR – Manual I – enclosed

15 voices, 17 ranks, 20 stops, 1042 pipes

16'	Erzähler	12	pipes (ext. 8')
8'	Open Diapason	61	pipes
8'	Gedeckt	61	pipes
8'	Erzähler	61	pipes
8'	Erzähler Celeste (TC)	49	pipes
4'	Principal	61	pipes
4'	Koppelflöte	61	pipes
2 2/3'	Nazard	61	pipes
2'	Octave	61	pipes

2'	Blockflöte	61	pipes
1 3/5'	Tierce	54	pipes
1 1/3'	Larigot	61	pipes
	Mixture III	183	pipes
16'	Bass Clarinet	12	pipes (ext. 8')
8'	Trompette	61	pipes
8'	Corno d'Amore	61	pipes
8'	Clarinet	61	pipes
	Tremulant		
8'	Tuba Mirabilis	---	(So.)
8'	Tromba Marina	---	(Ant.)
	Enclosed Great Reeds on Choir		
	Choir 4' & 16'		
	Unison Off		

ANTIPHONAL (Floating) - unenclosed

3 voices, 3 ranks, 3 stops, 183 pipes

8'	Principal	61	pipes – façade
4'	Octave	61	pipes – façade
8'	Tromba Marina	61	pipes

PERCUSSIONS – Manual IV/I - enclosed

8'	Flemish Bells	Digital
8'	Harp	Digital
4'	Celesta	Digital
	Tower Chimes	

PEDAL – unenclosed (* enclosed with Solo)

6 voices, 6 ranks, 29 stops, 288 pipes

32'	Contrebasse	32	pipes
32'	Bourdon		Digital
16'	Open Diapason	32	pipes
16'	Contrebasse	12	pipes (ext. 32')
16'	Bourdon	32	pipes
16'	Violone	---	(Gr.)
16'	Lieblich Gedeckt	---	(Sw.)
16'	Erzähler	---	(Ch.)
10 2/3'	Quinte	---	(Smart Quint)
8'	Flute	12	pipes (ext. 32')
8'	Octave	32	
8'	Diapason	12	(ext. 16')
8'	Bourdon	12	pipes (ext. 16')
8'	Lieblich Gedeckt	---	(Sw.)

8'	Violonecello	---	(Gr.)
4'	Choral Bass	32	pipes
4'	Bourdon	12	pipes (ext. 16')
32'	Contre Bombarde *	32	pipes
16'	Bombarde *	12	pipes (ext. 32')
16'	Tromba	---	(Gr.)
16'	Basson	---	(Sw.)
8'	Trumpet *	12	pipes (ext. 32')
8'	Tromba	---	(Gr.)
8'	Bassoon	---	(Sw.)
4'	Clarion*	12	pipes (ext. 32')
4'	Tromba Clarion	---	(Gr.)
8'	Tuba Mirabilis	---	(So.)
4'	Tuba Mirabilis	---	(So.)
8'	Tromba Marina	---	(Ant.)
	Chimes		(Gr.) Digital

Pedal Stops on Manual Combinations

PIPE SUMMARY

Division	Voices	Ranks	Stops	Pipes
Great	16	21	19	1215
Swell	16	19	17	1126
Choir	15	17	20	1042
Solo	9	13	14	695
Antiphonal	3	3	3	183
Pedal	6	6	29	288
	65	79	102	4549

COUPLERS/ACCESSORIES

Swell to Great 16'- 8'- 4'
 Choir to Great 16'- 8'- 4'
 Solo to Great 16'- 8'- 4'
 Antiphonal to Great 8'

Swell to Choir 16'- 8'- 4'
 Solo to Choir 16'- 8'- 4'
 Great to Choir 8'
 Pedal to Choir
 Antiphonal to Choir 8'

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

Great to Pedal 8'
 Swell to Pedal 8'- 4'
 Choir to Pedal 8'- 4'
 Solo to Pedal 8'- 4'
 Antiphonal to Pedal 8'

Pedal on Choir
 Pedal Unison Off
 Pedal Silent

Great Flues on Solo
 Great Flues on Choir
 All Swells to Swell

CONSOLE

Console will be custom-built and provided with built-in casters for mobility within the Chancel and is inclusive of the following features:

- Four-manual and pedal drawknob console.
- Adjustable organists' bench by rotary handle.
- Inlaid music rack and plexiglass music rack which are interchangeable.
- Manual keyboards furnished with bleached Bone key coverings and Ebony sharps.
- Pedalboard furnished with Maple naturals and Ebony sharps.
- Stops and intra-manual couplers controlled by drawknobs.
- Intra-manual couplers controlled by rocker tabs, located above top manual.
- Three balanced expression pedals and Crescendo pedal.
- LED lighting for Music, Pedal and Nameboard, with dimmer control.
- Convenience receptacles - 120vac, USB (device charger) and MIDI
- Standard indicator lamps (Wind, Sforzando, Processional etc.).
- Multi-level combination action
- Pistons: thumb and toe as follows:

General	30	Thumb & Toe (Duplicated 1-14)	Sequencer (Next & Previous)	Thumb & Toe
Great	8	Thumb	Sforzando Rev.	Thumb & Toe
Swell	8	Thumb	Sostenuto Rev. (All Divisions)	Thumb
Choir	8	Thumb	Great to Pedal Rev.	Thumb
Solo	8	Thumb	Swell to Pedal Rev.	Thumb
Pedal	5	Toe	Choir to Pedal Rev.	Thumb
Set		Thumb	Solo to Pedal Rev.	Thumb
Library		Thumb	Great/Choir Transfer	Thumb
Cancel		Thumb	32' Contre Bourdon Rev.	Toe
Memory Up		Thumb	Cymbelstern Rev.	Thumb & Toe
Memory Down		Thumb	Pajaritos	Toe
			Set Rev.	Toe

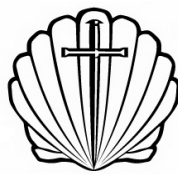
- Displays:
 - Main:
 - Last general Pressed - Advanced sequencer function and editor
 - Memory Level - Lock and Clear.
 - Programmable Crescendo/Blind check/Copy/Clear with USB backup/restore
 - Crescendo Std./A/B/C
 - Transposer/Clock display.
 - Record/Playback display.
- MIDI In-Out-Thru; allows use of remote keyboard.
- Tuning for Multisystem with iPod Tuner/Service assistant.
- Organist's Palette with iPad.

ELECTRICAL SYSTEM

Switching and stop action employed by Opus-Two. All low-voltage wiring and fusing in accordance with the National Electric Code (NEC) Article 650 for Pipe Organs. Amphenol disconnects provided for serviceability of the major components.

ACTION & WINDING

Electric slider and pallet windchests used for Great, Swell and Choir divisions. Electro-pneumatic windchests used throughout Pedal, Solo (high pressure) and for manual to Pedal borrows. Stop action is electric slider control. New Laukhuff blower(s) of sufficient CFM capacity in tandem with single-rise wind pressure regulators with external curtain valves will be installed to ensure an ample and steady supply of wind. Wind stabilizing concussion bellows supplied throughout, with switchable valves provided to isolate concussion bellows when Tremulants are engaged.



ST. JAMES BY-THE-SEA EPISCOPAL CHURCH

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