



THE TABERNACLE CHOIR

AT TEMPLE SQUARE

CONFERENCE CENTER ORGAN

The Church of Jesus Christ of Latter-day Saints

Salt Lake City, Utah, USA

Schoenstein & Co., Opus 139 — 2000-2003

Five-manual and pedal movable console

103 voices, 130 ranks, 7,708 pipes

The organ in the Conference Center was built in 2000-2003 by Schoenstein & Co. of San Francisco. This organ of the American Romantic style employs a symphonic tonal approach with the richness and warmth characteristic of English instruments. Although designed primarily to provide colorful and varied accompaniment, the organ also renders the solo repertoire beautifully. A five-manual console controls the 7,708 pipes of its 130 ranks, which are spread across seven divisions (including the Grand Solo, which is housed in the Solo chamber but is controlled by independent swell shades).

THE CHURCH OF
JESUS CHRIST
OF LATTER-DAY SAINTS

Great Manual II

23 voices, 32 ranks, 1,905 pipes

Wind pressure 5½" (140 mm.)

32'	Dulciana	61 pipes
16'	Double Open Diapason ..	61 pipes
16'	Bourdon (Wood)	61 pipes
8'	Stentor Diapason (Solo)	
8'	Large Open Diapason.....	61 pipes (7½"/190 mm. wind)
8'	Open Diapason	61 pipes
8'	Horn Diapason	61 pipes
8'	Gamba	61 pipes
8'	Gemshorn	61 pipes
8'	Harmonic Flute.....	61 pipes
8'	Doppelflöte (Wood)	61 pipes
4'	Principal	61 pipes (7½"/190 mm. wind)
4'	Octave	61 pipes
4'	Octave Gemshorn.....	61 pipes
4'	Forest Flute	61 pipes
2⅔'	Twelfth	61 pipes
2'	Fifteenth	61 pipes
1'	Seventeenth	61 pipes
2'	Full Mixture IV-V	266 pipes (7½"/190 mm. wind)
2'	Mixture IV.....	215 pipes
1⅓'	Sharp Mixture	175 pipes
16'	Bass Trumpet	61 pipes (7½"/190 mm. wind)
8'	Trumpet.....	61 pipes (7½"/190 mm. wind)
4'	Clarion.....	61 pipes (7½"/190 mm. wind)
8'	Tuba Mirabilis (Orchestral)	
8'	Millennial Trumpet (Solo)	
	Les cloches de Hinckley.	32 notes
	Cymbelstern	
	Tremulant	
	I/II Manual Transfer (settable)*	

Swell (enclosed) Manual III

22 voices, 28 ranks, 1,817 pipes

Wind pressure 5½" (140 mm.)

16'	Double Open Diapason ..	68 pipes
16'	Bourdon (Wood)	68 pipes
8'	Open Diapason.....	68 pipes
8'	Small Open Diapason	68 pipes
8'	Silver Flute	68 pipes
8'	Bourdon	12 pipes
8'	Viole de gambe	68 pipes
8'	Viole céleste.....	68 pipes
8'	Flauto Dolce	68 pipes
4'	Flute Celeste (TC).....	56 pipes
4'	Principal	68 pipes
2'	Fifteenth	61 pipes
2⅔'	Cornet III	183 pipes
2'	Plein Jeu V	276 pipes
32'	Contra Fagotto	68 pipes (10"/254 mm. wind)
16'	Bombarde.....	68 pipes
16'	Fagotto 12 pipes	
	(10"/254 mm. wind)	
8'	Trompette.....	68 pipes
8'	Cornoepen.....	68 pipes (10"/254 mm. wind)
8'	Oboe.....	68 pipes
8'	Voix humaine.....	61 pipes
	Separate tremulant draws	
	with Voix humaine stop knob	
4'	Clairon harmonique	68 pipes
4'	Clarion	68 pipes (10"/254 mm. wind)
	Tremulant	
	Swell to Swell 16'	
	Swell Unison Off	
	Swell to Swell 4'	

Choir (enclosed) Manual I

23 voices, 23 ranks, 1,539 pipes

Wind pressure 5½" (140 mm.)

16'	Bass Viol	68 pipes
8'	Viola Pomposa.....	68 pipes
8'	Viola Celeste	68 pipes
8'	Echo Gamba	68 pipes
8'	Gamba Celeste.....	68 pipes
8'	Viol d'orchestre	68 pipes
8'	Viol céleste	68 pipes
16'	Lieblich Bourdon (Metal)	68 pipes
8'	Lieblich Bourdon	12 pipes
8'	Concert Flute (Wood)....	68 pipes
4'	Nachthorn	68 pipes
2⅔'	Nazard	61 pipes
2'	Harmonic Piccolo	61 pipes
1'	Tierce.....	61 pipes
8'	Echo Diapason.....	68 pipes
4'	Fugara	68 pipes
2⅔'	Twelfth	61 pipes
2'	Fifteenth.....	61 pipes
1⅓'	Nineteenth.....	61 pipes
1'	Twentysecond.....	61 pipes
16'	Flügel Horn.....	12 pipes
8'	Trumpet	68 pipes
8'	Flügel Horn.....	68 pipes
8'	Cromorne	68 pipes
4'	Rohr Schalmey	68 pipes
8'	Tuba Mirabilis (Orchestral)	
8'	Millennial Trumpet (Solo)	
	Harp	61 notes
	Celesta	61 notes
	Orchestral Bells	37 notes
	Tremulant	
	Choir to Choir 16'	
	Choir Unison Off	
	Choir to Choir 4	

Note: Choir stops are grouped by tonal family on specification and on stop jamb

Solo (enclosed) Manual IV

10 voices, 19 ranks, 1,085 pipes

Wind pressure 11½" (292 mm.)

8'	Open Diapason	61 pipes
8'	Phonon Diapason (Orchestral)	
8'	Symphonic Flute	61 pipes
4'	Principal	61 pipes
4'	Octave (Orchestral)	
2½'	Quint Mixture V	288 pipes
8'	French Horn	61 pipes
8'	Cor Anglais (Orchestral)	
8'	Clarinet (Orchestral)	
	Celestial Chimes.....	32 notes
	Orchestral Harp	61 notes
	Tremulant	
	Variable Tremulant	

Separate Shades -- Grand Solo --

Wind pressure 17½" (444 mm.)

16'	Bass Tuba	61 pipes
8'	Tuba	61 pipes
4'	Tuba Clarion	61 pipes
8'	Tuben (III Ranks)	
	<i>Draws Bass Tuba, Tuba, and</i>	
	<i>Tuba Clarion at 8' pitch</i>	
2'	Tierce Mixture IV-VI...	309 pipes
<i>Unenclosed Solo stops</i>		
8'	Stentor Diapason	29 pipes
	<i>Extends Pedal Open Wood</i>	
	(25"/635 mm. wind)	
8'	Millennial Trumpet	61 pipes
	(15"/381 mm. wind)	
	Solo to Solo 16'	
	Solo Unison Off	
	Solo to Solo 4'	

Orchestral (enclosed) Manual V

10 voices, 10 ranks, 670 pipes

Wind pressure 10" (254 mm.)

16'	Tibia Clausa (Wood)	12 pipes
8'	Phonon Diapason	61 pipes
8'	Tibia Clausa	61 pipes
8'	Stentor Gamba.....	61 pipes
8'	Celeste	61 pipes
4'	Octave	12 pipes
4'	Tibia Clausa	12 pipes
2½'	Tibia Twelfth	
2'	Tibia Piccolo	12 pipes
1'	Tibia Tierce	
16'	Clarinet.....	61 pipes
8'	Tuba Horn	61 pipes
	(15"/381 mm. wind)	
8'	Clarinet.....	12 pipes
8'	Cromorne (Choir)	
8'	Cor Anglais	61 pipes
8'	Orchestral Oboe	61 pipes

8'	Vox Humana.....	61 pipes
	(5½"/140 mm. wind)	
	<i>Separate tremulant draws with</i>	
	<i>Vox Humana stop knob</i>	
	Tremulant	
	<i>Also draws Tuba Horn</i>	
	<i>tremulant</i>	
	Variable Tremulant	
8'	Tuba Mirabilis.....	61 pipes
	(20"/508 mm. wind)	
	Orchestral to Orchestral 16'	
	Orchestral Unison Off	
	Orchestral to Orchestral 4'	

Pedal

15 voices, 18 ranks, 692 pipes

Wind pressure 5½" (140 mm.)

64'	Gamba.....	4 pipes
	(GGGGG#)	
	(10"/254 mm. wind)	
32'	Diaphone (Wood)	12 pipes
	(25"/635 mm. wind)	
32'	Diapason	12 pipes
	(10"/254 mm. wind)	
32'	Gamba.....	12 pipes
32'	Dulciana (Great)	
32'	Sub Bass (Wood)	12 pipes
	(10"/254 mm. wind)	
16'	Diaphone (Wood)	32 pipes
16'	Open Wood	32 pipes
	(10"/254 mm. wind)	
16'	Diapason	32 pipes
16'	Great Diapason (Great)	
16'	Swell Diapason (Swell)	
16'	Violone (Wood)	32 pipes
	(7½"/190 mm. wind)	
16'	Gamba.....	32 pipes
16'	Bass Viol (Choir)	
16'	Dulciana (Great)	
16'	Sub Bass	32 pipes
16'	Tibia Clausa (Orchestral)	
16'	Bourdon (Swell)	
16'	Lieblich Bourdon (Choir)	
10⅔'	Quint	32 pipes
8'	Open Wood	12 pipes
8'	Principal.....	32 pipes
8'	Gamba.....	12 pipes
8'	Flute	32 pipes
8'	Bass Viol (Choir)	
8'	Sub Bass	12 pipes
8'	Bourdon (Swell)	
8'	Lieblich Bourdon (Choir)	
4'	Choral Bass	32 pipes
4'	Octave Flute (Flute)	32 pipes
4'	Bass Viol (Choir)	
2⅔'	Rauschquinte II	64 pipes

1⅓'	Mixture III	96 pipes
64'	Trombone	4 pipes
	(GGGGG#)	
	(20"/508 mm. wind)	
32'	Trombone	12 pipes
32'	Contra Fagotto (Swell)	
16'	Trombone	32 pipes
16'	Bass Tuba (Solo)	
16'	Bombarde (Swell)	
16'	Bass Trumpet (Great)	
16'	Fagotto (Swell)	
16'	Flügel Horn (Choir)	
16'	Clarinet (Orchestral)	
8'	Tromba	32 pipes
	(15"/381 mm. wind)	
8'	Bass Tuba (Solo)	
8'	Bass Trumpet (Great)	
8'	Bombarde (Swell)	
8'	Fagotto (Swell)	
8'	Clarinet (Orchestral)	
8'	Flügel Horn (Choir)	
4'	Tromba	12 pipes
4'	Bass Trumpet (Great)	
4'	Cromorne (Choir)	
	Pizzicato Bass	
	<i>Plays 16 Open Wood at 8' pitch</i>	
	<i>through pizzicato relay</i>	
	Tower Chimes	32 notes

Intermanual Couplers

Swell to Great 16'
Swell to Great 8'
Swell to Great 4'
Choir to Great 16'
Choir to Great 8'
Choir to Great 4'
Solo to Great 16'
Solo to Great 8'
Solo to Great 4'
Orchestral to Great 16'
Orchestral to Great 8'
Orchestral to Great 4'
Swell to Choir 16'
Swell to Choir 8'
Swell to Choir 4'
Solo to Choir 8'
Orchestral to Choir 8'
Orchestral to Solo 8'
Solo to Orchestral 8'
Great Tutti to Solo
Pedal Tutti to Swell

Pedal Couplers

Great to Pedal 8'
Swell to Pedal 8'
Swell to Pedal 4'
Choir to Pedal 8'
Choir to Pedal 4'
Solo to Pedal 8'
Solo to Pedal 4'
Orchestral to Pedal 8'
Orchestral to Pedal 4'

Special Couplers

Pedal Tutti to Swell
Pedal Tutti to Choir
Great Tutti to Solo
Pedal Divide 12/13
Pedal Divide 17/18
Pedal Divide 20/21
*Pedal Divide deactivates
pedal coupler notes 1-12 and
pedal stop notes 13-32, etc.*
Swell to Great Sforzando
Solo to Great Sforzando
*Sforzando couplers activated
by toe lever*
Grand Solo off Solo
Grand Solo on Great
Grand Solo on Swell
Grand Solo on Choir
MIDI to Great
MIDI to Swell
MIDI to Choir
MIDI to Solo
MIDI to Orchestral
MIDI to Pedal

Combinations (each User folder holds 50 memory levels)

General 0, 1-24
1-4 and 13-16 duplicated by toe
studs
Great 1-8
Swell 1-8
Choir 1-8
Solo 1-8
Orchestral 1-8
Pedal 1-8
Pedal pistons 1-8 duplicated on
thumb pistons under Manual I

Reversibles

Great to Pedal (thumb and toe)
Swell to Pedal (thumb and toe)
Choir to Pedal (thumb)
Solo to Pedal (thumb)
Orchestral to Pedal (thumb)
Solo to Great (toe)
64 Trombone (toe)
64 Gamba (toe)
32 Trombone (toe)
32 Diaphone (toe)
32 Fagotto (toe)
32 Sub Bass (toe)
Cymbelstern (thumb and toe)
Manual I/II (thumb)
with indicator light
Full Organ (thumb and toe)
with indicator light.
(Separate settings for each
user)
Note: Coupler reversibles affect sub
and super couplers in off mode.

Mechanicals

Swell expression pedal
Choir expression pedal
Solo expression pedal
Orchestral expression pedal
Expression shoe selector
Crescendo pedal
(4 sequences per user, all adjustable
from console)
30-segment LED Crescendo
Pedal indicator
“Next” piston sequencer controls*
(8 thumb pistons; 2 toe studs)
“Previous” piston sequencer controls*
(2 thumb pistons; 1 toe stud)
Swell Voix Humaine Tremulant Off*

Accessories

IOTI Virtuoso control system (2021)
Console power on
Blower power on
Combination set
Range set*
Memory selector
MIDI In/Out/Thru jacks
Digital clock
Clock mode selector
Stop/Start, Reset buttons
Clock synchronized to WWVB
Broadcast timer
Console fan on/off

Case

Builders: Fetzers, Inc. (Salt Lake City);
Louchard Yacht Restoration (Port
Townsend, WA)
Materials: walnut; cherry

Tuning

Equal temperament; A=440 Hz at 74° F

Blowers

Six electric blowers
(Total of 33 h.p.)

*added in 2021 as part of control system replacement

General Bibliography

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The Tabernacle Choir at Temple Square is an ambassador for The Church of Jesus Christ of Latter-day Saints.

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*Added in 2021