

4-2-2012

GRAND AVENUE TEMPLE UNITED METHODIST CHURCH

Kansas City, Missouri

1910 Ernest M. Skinner Organ Co., Boston, MA, Opus 190

GREAT ORGAN - 8 ranks - 61 note windchests, 6" wind pressure

Unenclosed

Bourdon	16'	61 notes	from Pedal 16' First Bourdon
Philomela	8'	61 notes	duplexed from Pedal 32' Open Diapason
First Diapason	8'	61 pipes	1-17 zinc, 18-61 common metal, leathered lips
Second Diapason	8'	61 pipes	1-17 zinc, 18-61 spotted metal
Waldflöte	8'	61 pipes	1-12 stopped wood, 13-36 open wood, 37-61 metal harmonic flute
Erzähler	8'	61 pipes	1-12 zinc, 13-61 common metal, ¼ taper
Octave	4'	61 pipes	1-5 zinc basses, 6-61 spotted metal
Flute	4'	61 pipes	1-5 zinc basses, 6-61 common metal, harmonic C25-C61
Twelfth *	2 2/3'	61 pipes	spotted metal
Fifteenth *	2'	61 pipes	spotted metal
Tuba	8'	61 notes	from Solo 16' Ophicleide
Chimes		20 tubes	

Swell Organ - 21 ranks - 73 note windchests, 8" wind pressure

Bourdon	16'	73 pipes	stopped wood
Diapason	8'	73 pipes	1-17 zinc, 18-73 common metal, leathered lips
Spitzflute	8'	73 pipes	1-12 zinc, 13-73 spotted metal, 1/3 taper
Gedeckt	8'	73 pipes	1-44 stopped wood, 45-73 spotted metal
Salicional	8'	73 pipes	1-12 zinc, 13-73 spotted metal
Voix Celeste	8'	73 pipes	1-12 zinc, 13-73 spotted metal
Flute Celeste II †	8'	110 pipes	1-12 stopped wood, 13-61 spotted metal
Aeoline	8'	73 pipes	1-12 zinc, 13-73 spotted metal
Unda Maris II	8'	134 pipes	1-12 zinc, 13-73 spotted metal
Octave	4'	73 pipes	1-5 zinc, 6-73 spotted metal
Flute	4'	73 pipes	1-5 zinc, 6-73 spotted metal, harmonic C25-C73
Flautino	2'	73 pipes	spotted metal
Mixture III	2 2/3'	183 pipes	spotted metal (12th, 15th, 17th)
English Horn	16'	73 pipes	zinc and spotted metal, 61 reeds, 12 flues
Cornopean	8'	73 pipes	zinc and spotted metal, harmonic from note #43
Oboe	8'	73 pipes	zinc and spotted metal
Clarion	4'	73 pipes	zinc and spotted metal, harmonic from note #19
Tremolo			

CHOIR ORGAN - 17 ranks - 73 notes, 7½" wind pressure

Enclosed

Gamba	16'	73 pipes	1-24 zinc, 25-73 spotted metal
Diapason	8'	73 pipes	1-17 zinc, 18-73 common metal
Gamba	8'	73 pipes	1-12 zinc, 13-73 common metal, flared
Concert Flute	8'	73 pipes	1-12 stopped wood, 13-36 open wood, 37-73 metal harmonic flute
Dulcet II	8'	146 pipes	1-12 zinc, 13-73 spotted metal
Quintaton	8'	73 pipes	1-12 zinc, 13-73 spotted metal
Flauto Traverso	4'	73 pipes	1-24 open wood, 25-73 metal harmonic flute
Nazard *	2 2/3'	61 pipes	spotted metal
Piccolo	2'	61 pipes	spotted metal, harmonic #13-61
Tierce *	1 3/5'	61 pipes	spotted metal
Larigot *	1 1/3'	61 pipes	spotted metal
Septieme *	1 1/7'	61 pipes	spotted metal
Clarinet	8'	73 pipes	1-73 common metal
Orchestral Oboe	8'	73 pipes	1-73 zinc and spotted metal
English Horn	8'	73 pipes	1-73 zinc and spotted metal
Vox Humana	8'	73 pipes	1-73 common metal
Carillons		61 bars	
Tremolo			

SOLO ORGAN - 2 ranks - Enclosed with Choir, Tuba 20" wind pressure

Gamba	8'	61 notes	duplexed from Choir
Voix Celeste	8'	61 pipes	1-12 zinc, 13-61 spotted metal, flared
Concert Flute	8'	61 notes	duplexed from Choir
Flauto Traverso	4'	61 notes	duplexed from Choir
Ophicleide	16'	85 pipes	1-12 wood resonators, 13-73 zinc and spotted metal, harmonic from 4' F#
Tuba	8'	32 notes	from 16' Ophicleide
Clarinet	8'	61 notes	duplexed from Choir
English Horn	8'	61 notes	duplexed from Choir
Orchestral Oboe	8'	61 notes	duplexed from Choir
Vox Humana	8'	61 notes	duplexed from Choir
Clarion	4'	61 notes	from 16' Ophicleide
Carillons			from Choir
Tremolo			

PEDAL ORGAN - 8 ranks, 32' Diapason 1-12 - 20" wp; 13-85 - 6" wp; First Bourdon 16' and Mixture V - 6" wp

Diapason	32'	85 pipes	1-73 open wood pipes, remainder common metal
Diapason	16'	32 notes	from 32' Diapason
Violone	16'	32 pipes	1-24 zinc, 25-32 spotted metal in facade
First Bourdon	16'	61 pipes	1-61 stopped wood
Second Bourdon	16'	32 notes	from Swell 16' Bourdon
Gamba	16'	32 notes	from Choir 16' Bourdon
Gross Quint	10 2/3'	32 notes	from Pedal 16' First Bourdon
Octave	8'	32 notes	from 32' Diapason
Gedeckt	8'	32 notes	from Pedal 16' First Bourdon
'Cello	8'	32 notes	from Choir 16' Gamba
Harmonics V *	4'	160 pipes	zinc and spotted metal (4', 3 1/5', 2 2/3', 2 2/7', 2')
Ophicleide	16'	32 notes	from Solo 16' Tuba
English Horn	16'	32 notes	from Swell 16' English Horn
Tuba	8'	32 notes	from Solo 16' Tuba
Clarion	4'	32 notes	from Solo 16' Tuba

* Built by Ernest M. Skinner, Inc., 1949, Carl Bassett, President and Treasurer,
Ernest M. Skinner, Technical Director

† Added by Ernest M. Skinner, Inc., 1949, replacing 8' Claribel Flute

Rank Analysis in 1949 - 56 ranks

Rank Analysis in 1912 - 44 ranks

COUPLERS

Swell to Pedal	8-4'
Choir to Pedal	8-4'
Great to Pedal	8' & Reversible
Solo to Pedal	8-4'
Swell to Great	16-8-4'
Choir to Great	8'
Solo to Great	16-8-4'
Swell to Choir	8'
Swell to Swell	16-4'
Choir to Choir	16-4'
Solo to Solo	16-4'
Great to Great	4'

COMBINATION ACTION, Electro-Pneumatic Capture, couplers not on pistons

General Thumb pistons 1-2
Great Organ Thumb pistons 1-4
Swell Organ Thumb pistons 1-5
Choir Organ Thumb pistons 1-4
Solo Organ Thumb pistons 1-4
Pedal Organ Toe studs 1-4
Set Piston

CRESCENDO AND EXPRESSION PEDALS

Swell Expression Pedal
Choir-Solo Expression Pedal
Crescendo Pedal

REVERSIBLES

Great to Pedal	Toe paddle, pneumatically activated
Sforzando	Hitch-down toe paddle