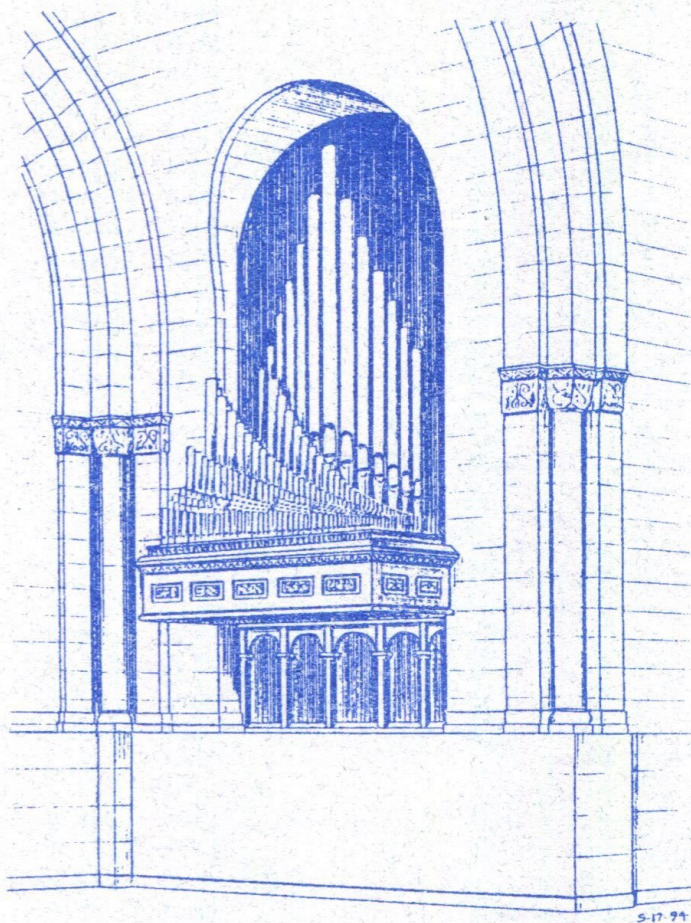


# The Shadyside Presbyterian Church



## Four Manual and Pedal Pipe Organ - opus 2175

*'installation 1994'*

**Reuter Organ Company**  
Lawrence, Kansas

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**John Walker**  
*Director of Music and Organist*

**Robert G. Mayer**  
*Chair, Worship & Music Committee*

**John L. Haughwout, AIA**  
*Chair, Building & Grounds Committee*

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## GREAT ORGAN

16'	Violone	12 pipes	Midi to Great
* 8'	Principal	61 pipes	Couplers to Great:
8'	Violone	61 pipes	Great 16'
* 8'	Harmonic Flute	61 pipes	Great Unison Off
* 8'	Bourdon	61 pipes	Great 4'
* 4'	Octave	61 pipes	Swell to Great 16'
* 4'	Spillflote	61 pipes	Swell to Great 8'
* 2'	Fifteenth	61 pipes	Swell to Great 4'
* IV	Fourniture	244 pipes	Choir to Great 16'
* IV	Cymbale	244 pipes	Choir to Great 8'
16'	Trumpet	12 pipes	Choir to Great 4'
8'	Trumpet	61 pipes	Solo to Great 16'
V	Cornet (notes 20-56)	185 pipes	Solo to Great 8'
8'	(So) Tuba		Solo to Great 4'
4'	Trumpet	12 pipes	Gallery Swell to Great 16'
* 8'	Trompette en Chamade	61 pipes 15"	Gallery Swell to Great 8'
	(So) Chimes		Gallery Swell to Great 4'
	Tremulant		

### SWELL ORGAN (Enclosed) (Lectern Side)

16'	Lieblichgedeckt	61 pipes	16'	Bombarde	61 pipes
8'	Diapason	61 pipes	8'	Trompete	61 pipes
8'	Viole De Gambe	61 pipes	8'	Oboe	61 pipes
8'	Voix Celeste (CC)	61 pipes	8'	(So) English Horn	
8'	Rohrflote	61 pipes	8'	Vox Humana	61 pipes
8'	Open Flute	61 pipes	4'	Clarion	61 pipes
8'	Lieblichgedeckt	12 pipes	8'	(Gt) Trompette en Chamade	
8'	Flauto Dolce	61 pipes		Tremulant	
8'	Flute Celeste (TC)	49 pipes		Midi to Swell	
4'	Principal	61 pipes		Couplers to Swell:	
4'	Hohlflote	61 pipes		Swell 16'	
4'	Harmonic Flute	61 pipes		Swell Unison Off	
4'	Lieblichgedeckt	12 pipes		Swell 4'	
2 2/3'	Nasard	61 pipes		Choir to Swell 8'	
2'	Blockflote	61 pipes		Solo to Swell 8'	
1 3/5'	Tierce	61 pipes			
IV	Plein Jeu	244 pipes			

### CHOIR ORGAN (Enclosed) (Pulpit Side)

16'	Gemshorn	61 pipes	8'	Bassoon	12 pipes
8'	Diapason	61 pipes	8'	Cromorne	61 pipes
8'	Voce Umana (TC)	49 pipes	8'	(So) Clarinet	
8'	Holzbordun	61 pipes	4'	Tromba	12 pipes
8'	Gemshorn	12 pipes	4'	Bassoon	12 pipes
8'	Gemshorn Celeste (TC)	49 pipes	8'	(So) Tuba	
4'	Octave	61 pipes		Tremulant	
4'	Coppelflute	61 pipes		Midi to Choir	
4'	Gemshorn	12 pipes		Couplers to Choir:	
2 2/3'	Nasat	61 pipes		Choir 16'	
2 2/3'	Gemshorn Quint			Choir Unison Off	
2'	Weit Prinzpal	61 pipes		Choir 4'	
2'	Gemshorn	12 pipes		Swell to Choir 16'	
1 3/5'	Terz	61 pipes		Swell to Choir 8'	
1 1/3'	Gemshorn Larigot	7 pipes		Swell to Choir 4'	
IV	Scharf	244 pipes		Solo to Choir 8'	
32'	Bassoon	12 pipes		Gallery Great to Choir 8'	
16'	Bassoon	61 pipes		Gallery Swell to Choir 8'	
8'	Tromba	61 pipes			

### SOLO ORGAN (Enclosed) (Lectern Side)

8'	Viole	61 pipes	Tremulant
8'	Viole Celeste	61 pipes	Chimes/25 tubes
8'	Doppelflute	61 pipes	Cymbelstern
8'	French Horn	61 pipes	Vogelgesang
8'	English Horn	61 pipes	Midi to Solo
8'	Clarinet	61 pipes	Couplers to Solo:
16'	Tuba (TC)		Solo 16'
8'	Tuba	61 pipes 20"	Solo Unison Off
16'	(Gt) Trompette en Chamade		Solo 4'
8'	(Gt) Trompette en Chamade		



## PEDAL ORGAN (Pulpit Side)

32'	Violone	elec.	8'	(So) Tuba
32'	Soubasse	elec.	8'	(Ch) Tromba
32'	Lieblichgedeckt	elec.	8'	(Sw) Bombarde
16'	Principal	32 pipes	8'	(Ch) Bassoon
16'	(Gt) Violone		4'	(Sw) Bombarde
16'	Soubasse	32 pipes	4'	(Ch) Tromba
16'	(Ch) Gemshorn		4'	(Ch) Bassoon
16'	(Sw) Lieblichgedeckt		4'	(So) Clarinet
8'	Principal	12 pipes	8'	(Gt) Trompette en Chamade
8'	Spitzflöte	32 pipes		Chimes
8'	(Gt) Violone			Midi to Pedal
8'	Soubasse	12 pipes		Couplers to Pedal:
8'	(Ch) Gemshorn			Great to Pedal 8'
8'	(Sw) Lieblichgedeckt			Great to Pedal 4'
4'	Principal	12 pipes		Swell to Pedal 8'
4'	Spitzflöte	12 pipes		Swell to Pedal 4'
4'	(Sw) Lieblichgedeckt			Choir to Pedal 8'
4'	Soubasse	12 pipes		Choir to Pedal 4'
IV	Mixture	128 pipes		Solo to Pedal 8'
32'	Posaune	12 pipes 17"		Solo to Pedal 4'
32'	(Ch) Bassoon			Gallery Great to Pedal 8'
16'	Posaune	32 pipes		Gallery Swell to Pedal 8'
16'	(Gt) Trumpet			Pedal Divide (Pedal stops on 1-12
16'	(Sw) Bombarde			Couplers & Chimes on 13-32)
16'	(Ch) Bassoon			
8'	Posaune	12 pipes		

## GALLERY GREAT ORGAN

8'	Prinzipal	61 pipes	Tremulant
8'	Gedeckt	61 pipes	Couplers to Gallery Great Organ:
4'	Oktav	61 pipes	Gallery Great 16'
4'	Koppelflöte	61 pipes	Gallery Great Unison Off
2'	Waldflöte	61 pipes	Gallery Great 4'
II	Sesquialtera (TC)	98 pipes	
IV	Mixtur	244 pipes	

## GALLERY SWELL ORGAN (Enclosed)

8'	Rohrflöt	61 pipes	8'	Trompete	12 pipes
8'	Viole De Gambe	61 pipes	8'	Oboe d'Amore	61 pipes
8'	Schwebung (TC)	49 pipes	4'	Trompete	12 pipes
4'	Oktav	61 pipes		Tremulant	
4'	Rohrflöte	12 pipes		Couplers to Gallery Swell Organ:	
2'	Prinzipal	61 pipes		Gallery Swell 16'	
IV	Scharf	244 pipes		Gallery Swell Unison Off	
16'	Trompete	61 pipes		Gallery Swell 4'	

## GALLERY PEDAL ORGAN

16'	Subbass	32 pipes	32'	Trompete
8'	Octave	32 pipes	16'	(Sw) Trompete
8'	(Sw) Rohrflöte		8'	(Sw) Trompete
4'	Principal	32 pipes	4'	(Sw) Trompete
IV	Mixture	128 pipes		

## MISCELLANEOUS TILTING TABLET ACTIONS

Great/Choir Transfer  
All Swells to Swell  
Great on Solo 8'

\* Exposed



## GENERAL COMBINATIONS

- Pistons adjustable at the keyboard and visibly affecting stop controls, with ninety-nine addressable memory banks.
- Eight thumb pistons affecting the Great and Gallery Great stops and intramanual couplers.
- Eight thumb pistons affecting the Swell and Gallery Swell stops and intramanual couplers.
- Eight thumb pistons affecting the Choir stops and intramanual couplers.
- Eight thumb pistons affecting the Solo stops and intramanual couplers.
- Eight toe pistons affecting the Pedal and Gallery Pedal stops.
- Four thumb pistons affecting the Midi programs.
- Six thumb pistons affecting the intermanual couplers.
- Sixteen thumb pistons affecting all stops and couplers of the entire organ and Midi programs, all duplicated on toe pistons.
- General Cancel Thumb piston.
- Eight, divisional cancel thumb pistons for: Great, Gallery Great, Swell, Gallery Swell, Choir, Solo, Pedal, Gallery Pedal.
- Setter thumb piston.
- Restore, thumb piston.
- Piston Sequencer, toe piston.

## REVERSIBLES

- Great to Pedal, thumb and toe pistons.
- Swell to Pedal, thumb and toe pistons.
- Choir to Pedal, thumb and toe pistons.
- Solo to Pedal, thumb and toe pistons.
- Full Organ, thumb and toe pistons, with indicator light.
- Cymbelstern, thumb and toe pistons.
- 32' Violone, toe piston.
- 32' Subbass, toe piston.
- 32' Lieblichgedeckt, toe piston.
- 32' Posaune, toe piston.
- 32' Bassoon, toe piston.
- All Swells to Swell, thumb piston, actuating a tilting tablet control.
- Vogelgesang, toe piston.
- Gallery Organ Disconnect, thumb piston, with light. Organ turns on with organs connected. Light shows organ disconnected.

## MASTER PISTONS

- Four thumb pistons, with indicator lights, affecting all stops with blind diode presettable Master piston function.
- Knobs Off Ensembles, thumb piston, with indicator light, affecting all stop action sense circuits only when any Master piston reversible is activated.

## PEDAL MOVEMENTS

- Register Crescendo Pedal, with indicator light, to operate programmable crescendo with bar graph and digital readout.
- Balanced Shutter Pedal, Swell and Gallery Swell Organs.
- Balanced Shutter Pedal, Choir Organ.
- Balanced Shutter Pedal, Solo Organ.

## MISCELLANEOUS

- Blue indicator light for telephone ringer circuit.

## MIDI

- Midi interface system is to be provided which will allow playing access to standard Midi sound modules and synthesizers from the console. Thumb piston for Sequencer start/stop function.

## ABOUT THE ORGAN

The Reuter Organ (opus 2175) at The Shadyside Presbyterian Church represents the culmination of a long and diligent effort to obtain an organ of a size, scope and quality to match the magnificence of the sanctuary and to serve as the cornerstone of a strong and vibrant music ministry. To do this, an organ must fill the interior space with sound, must be visually in harmony with its surroundings, and must be capable of playing the full range of organ literature as well as fulfilling its role in accompanying the choir and leading the congregation in worship. The Reuter Organ at Shadyside is such a distinguished and versatile instrument.

The first organ at Shadyside was installed in 1875 by the Hook and Hastings Company of Boston. This three manual organ was replaced in 1903 by the W. W. Kimball Company of Chicago. In 1926 E. M. Skinner of Boston built a large four manual instrument which was encased across the center of the chancel. In 1938 sanctuary renovations moved the organ into two chambers on either side of the chancel; the resulting sound was less than satisfying. In 1957 the Skinner organ was replaced by a four manual organ built by M. P. Möller of Hagerstown, Maryland. A gallery organ was added in 1973 (given in memory of Dr. Howard C. Scharfe by the Lazear Foundation). Extensive renovations were done in 1989 in an attempt to make this a more successful instrument. In 1993 it was determined to retain the best of the pipework, including a new magnificent Trompette-en-Chamade, and to incorporate them into a totally new instrument to be built by the Reuter Organ Company of Lawrence, Kansas. Building and installation were completed by November of 1994.

The Reuter console has four manuals; the natural keys are of bone with sharp keys of rosewood. The manuals have tracker touch. The pedal keyboard has maple naturals and ebony sharps. The 105 rank organ is controlled by 170 drawknobs which have rosewood stems; intramanual couplers are controlled by knobs placed in their respective divisions; intermanual and manual to pedal couplers are controlled by tilting tablets placed above the top manual along with the Great/Choir transfer and Pedal Divide tablets. The Chancel organ stops and couplers are engraved in black; Gallery organ stops and couplers in red and all sub and super couplers and mechanical controls are engraved in blue. Fourteen of the ranks of the Great organ are exposed on either side of the apse in the chancel. The large Harmonic Flute and Principal pipes are made of polished zinc. The smaller pipework is made of polished spotted metal. The exposed flue pipes carry gray felts. The color and design of the exposed pipework is planned so that the Byzantine apse with its gold mosaic of the figure of Christ, by Rudolf Scheffler, remains as the chancel focal point.

Generously scaled, the sound of this Reuter Organ provides a warm, substantial ensemble of immense color and dynamic diversity with the ability to build seamless crescendo and diminuendo. As an American Classic instrument it incorporates the German, French, Italian, and English schools of organ building to create an instrument of enormous versatility. Tonal colors are available for the full range of organ literature. Of particular note is the inclusion of a true English Tuba in the Solo organ (speaking on a wind pressure of 20 inches) and a Doppelflöte (Double Mouthed Flute), included for its singular beauty of tone. The Pedal Posaune (filling one entire chamber) speaks on a wind pressure of 17 inches. The Trompette-en-Chamade in the lantern portion of the church speaks on a wind pressure of 15 inches.

With this superb instrument, Shadyside Church has renewed its commitment to uphold the highest standards of sacred music and to carry that tradition vibrantly into the twenty-first century.