

ORGAN SPECIFICATIONS

Berghaus Pipe Organ Builders, Inc., Bellwood, Illinois
St. John's Episcopal Church, Norwood Parish, Bethesda, Chevy Chase, Maryland

Key and stop action:

Chest: Slider with pneumatic pull-downs (externally, EP or TP)

Manual compass: C-c 61 notes, Pedal compass: C-g 32 notes

GRAND-ORGUE - Unenclosed - Manual I - *Windpressure of 3 1/4"*

Quintaton	16'	61 existing pipes of mahogany; revoiced
Montre	8'	61 pipes; 75% tin throughout
Gambe	8'	61 pipes; 1-12 zinc, 13-61 52% tin
Flûte Harmonique	8'	61 pipes; 1-12 zinc, 13-61 52% tin, Harmonic @ g32
Bourdon	8'	61 pipes; 52% tin
Prestant	4'	61 pipes; 52% tin
Flûte Octaviant	4'	61 pipes; 75% tin, Harmonic @ c25
Quinte	2 2/3'	61 pipes; 52% tin
Doublette	2'	61 pipes; 75% tin
Tierce	1 3/5'	61 pipes; 75% tin
Cornet V	8'	220 pipes (c13-g56) 52% tin
Fourniture IV	1 1/3'	244 pipes; 75% tin (19-22-26-29)
Trompette	8'	61 pipes; resonators of zinc and 52% tin.
Tremblant		
Trompette Royale	16'	1-12 from Ped. 16' Bombarde; 13-61 from 8' Trompette Royale
Trompette Royale	8'	61 pipes; Hooded resonators. Voiced on 10" wind
Clochettes		5 bells (with adjustable delay, speed, and volume)

RÉCIT EXPRESSIF - Enclosed - Manual III - *Windpressures of 3 1/4" (flues) and 4" (reeds)*

Salicional	8'	61 pipes; 1-12 zinc, 13-61 52% tin; slotted
Voix Céleste FF	8'	56 pipes; 6-12 zinc, 13-61 52% tin; slotted
Flûte à Cheminée	8'	61 pipes; 52% tin
Prestant	4'	61 pipes; 52% tin
Flûte Conique	4'	61 pipes; 40% tin
Flûte à Bec	2'	61 pipes; 52% tin
Plein Jeu V	2'	305 pipes; 75% tin (15-19-22-26-29)
Basson	16'	61 pipes; Resonators of zinc and 52% tin. 1-18 L/2
Trompette	8'	61 pipes; resonators of 70% tin. Parallel open shallots
Hautbois	8'	61 pipes; resonators of zinc and 52% tin
Voix Humaine	8'	61 pipes; resonators of 52% tin
Clairon	4'	61 pipes; resonators of 70% tin. Parallel open shallots
Tremblant		
Cornet V	8'	--- (G.O.)
Trompette Royale	8'	--- (G.O.)

POSITIF EXPRESSIF - Enclosed - Manual II - Windpressure of 3 1/4"

Principal	8'	61 pipes; 75% tin throughout
Bourdon	8'	61 pipes; poplar
Flûte Celestes II	8'	110 pipes
Octave	4'	61 pipes; 52% tin
Flûte à Fuseau	4'	61 pipes; 52% tin
Nasard	2 2/3'	61 pipes; 52% tin
Quarte de Nasard	2'	61 pipes; 52% tin
Tierce	1 3/5'	61 pipes; 52% tin
Larigot	1 1/3'	61 pipes; 52% tin
Cymbale IV	1'	244 pipes; 75% tin (26-29-33-36)
Trompette	8'	61 pipes; resonators of zinc and 52% tin
Cromorne	8'	61 pipes; resonators of zinc and 52% tin
Tremblant		
Cornet V	8'	--- (G.O.)
Trompette Royale	8'	--- (G.O.)

PÉDALE - Unenclosed - Windpressures of 3 1/2" except Bombarde (4")

Basse Acoustique	32'	--- derived from 16' Montre and 16' Soubasse
Contrebasse	16'	(Console preparation)
Montre (<i>façade</i>)	16'	32 pipes; 1-25 polished zinc; 26-32 75% tin
Soubasse	16'	32 pipes; poplar
Quintaton	16'	--- (G.O.)
Octave	8'	32 pipes; 75% tin throughout
Cor de Chamois	8'	32 pipes; 1-12 zinc, 13-32 52% tin
Bourdon	8'	12 pipes (extension of 16' Soubasse)
Basse de Choral	4'	32 pipes; 75% tin
Bourdon	4'	12 pipes (extension of 16' Soubasse)
Fourniture IV	2 2/3'	128 pipes; 75% tin (12-15-19-22)
Contre Bombarde	32'	12 pipes; L/2 resonators of pine (extension of 16' Bombarde)
Bombarde	16'	32 pipes; L/1 resonators of pine
Basson	16'	--- (Récit)
Trompette	8'	32 pipes
Clairon	4'	32 pipes
Trompette Royale	8'	(G.O.)

SUMMARY

Division	Registers	Stops	Ranks	Pipes
G.O.	14	15	21	1135
Récit	12	14	16	971
Positif	12	14	16	964
Pédale	9	16	12	420
TOTAL	47	59	65	3490

MIXTURE COMPOSITIONS

Grand-Orgue - 1 1/3' Fourniture IV; 244 pipes

1-12	13-24	25-36	37-48	49-61
1 1/3'	2'	2 2/3'	4'	8'
1'	1 1/3'	2'	2 2/3'	4'
2/3'	1'	1 1/3'	2'	2 2/3'
1/2'	2/3'	1'	1 1/3'	2'

Récit Expressif - 2' Plein Jeu V; 305 pipes

1-18	19-30	31-44	45-61
2'	4'	8'	8'
1 1/3'	2 2/3'	4'	5 1/3'
1'	2'	2 2/3'	4'
2/3'	1 1/3'	2'	2 2/3'
1/2'	1'	1 1/3'	2'

Positif Expressif - 1' Cymbale IV; 244 pipes

1-13	14-25	26-37	38-49	50-61
1'	1 1/3'	2'	2 2/3'	4'
2/3'	1'	1 1/3'	2'	2 2/3'
1/2'	2/3'	1'	1 1/3'	2'
1/3'	1/2'	2/3'	1'	1 1/3'

Pèdale - 2 2/3' Fourniture IV; 128 pipes

1-32
2 2/3'
2'
1 1/3'
1'

COUPLERS

Récit ~ G.O. 16	Récit ~ Récit 16	Positif ~ Positif 16	G.O. ~ Pédale 8
Récit ~ G.O. 8	Récit Muet	Positif Muet	G.O. ~ Pédale 4
Récit ~ G.O. 4	Récit ~ Récit 4	Positif ~ Positif 4	Récit ~ Pédale 8
Positif ~ G.O. 16		Récit ~ Positif 16	Récit ~ Pédale 4
Positif ~ G.O. 8	Auto Solo	Récit ~ Positif 8	Positif ~ Pédale 8
Positif ~ G.O. 4	Auto Pédale	Récit ~ Positif 4	Positif ~ Pédale 4
G.O. Grave		Manual Transfer I/II	
G.O. Muet			