

SPECIFICATIONS OF THE DOBSON ORGAN
TORMODSGAARD — BAKKEN RECITAL HALL (STUDIO A)
ST. OLAF COLLEGE • NORTHFIELD, MINN.

OPUS 29, 1985

Key Action: Mechanical
 Stop Action: Mechanical
 Compass: 56 Notes (Manual), 32 Notes (Pedal)

PEDAL (Unenclosed)

PIPES

16	Subbass		32
8	Prestant		32
8	Gedackt		32
4	Octave		32
2	Auszug	(Double draw from Mixtur)	N/A
2 2/3	Mixtur IV		128
16	Fagott		32
8	Trompete		32
4	Schalmei		32
	Great to Pedal		
	Swell to Pedal		
	Positiv to Pedal		

GREAT (Manual II, unenclosed)

PIPES

16	Bourdon		56
8	Prestant		56
8	Rohrflöte		56
4	Octave		56
4	Spitzflöte		56
2 2/3	Nazard		56
2	Waldflöte		56
1 3/5	Terz		56
1 1/3	Mixtur IV		224
2	Mixture V		305
8	Trompete		56
	Tremulant	(Affects Great & Pedal)	
	Swell to Great		
	Positiv to Great		

SWELL (Manual III, enclosed, expressive)

PIPES

8	Gedackt		56
8	Spitzviol		56
8	Celeste	(TC)	46
4	Koppelflöte		56
2	Principal		56
1 1/3	Gemsquinte		56
1/2	Zimbel II		112
16	Sordun		56
8	Schalmei		56
	Tremulant	(Affects Swell & Positiv)	

POSITIV (Manual I, unenclosed)

PIPES

8	Holzgedackt		56
4	Prestant		56
4	Rohrflöte		56
2	Gemshorn		56
1	Scharff III		183
8	Krummhorn		56

Zimbelstern (Bell star)

SPECIFICATIONS OF THE HOLTkamp ORGAN

BOE MEMORIAL CHAPEL • ST. OLAF COLLEGE • NORTHFIELD, MINN.

CHANCEL ORGAN

Key Action: Electric Slider (Straight Chests), Electro-Pneumatic (Unit Chests)
 Stop Action: Electric Solenoid (Straight Chests), Electro-Pneumatic (Unit Chests)
 Compass: 61 Notes (Manual), 32 Notes (Pedal)

PEDAL (Unenclosed, east case, 4 th level, 4¼" wind pressure [w.p.])			PIPES
32	Violone Bass	(1-12 digital)	Great
32	Bourdon Bass	(1-12 digital)	0
16	Open Wood	(1-12 digital, remaining 5 1/8" w.p.)	20
16	Diapason		32
16	Violone		Great
16	Bourdon	(1960 Schlicker, rescaled and revoiced)	32
16	Lieblichgedackt		Swell
16	Quintaton		Choir
8	Open Wood		12
8	Octave		32
8	Violone		Great
8	Nachthorn		32
8	Flute	(1960 Schlicker, rescaled and revoiced)	12
8	Lieblichgedackt		Swell
4	Choralbass		32
4	Nachthorn		12
2	Nachthorn		12
2 2/3	Mixture IV	(1960 Schlicker, rescaled and revoiced)	128
32	Trombone Bass		12
16	Trombone		32
16	Bassoon		Swell
16	Clarinet		Choir
8	Trumpet		32
8	Bassoon		Swell
4	Trumpet		12
16	Bombarde		Bombarde
8	Bombarde		Bombarde
4	Bombarde		Bombarde
	Bombarde on Pedal		
	MIDI A		
GREAT (Manual II, unenclosed, west case, 4 th level, 3¾" w.p.)			PIPES
16	Violone	(East case)	61
8	Diapason		61
8	Violone		12
8	Dulciana		61
8	Harmonic Flute	(2004 Holtkamp, rescaled and revoiced)	61
8	Chimney Flute		61
4	Octave		61
4	Open Flute		61
2 2/3	Quint	(1960 Schlicker, rescaled and revoiced)	61
2	Fifteenth		61
1 3/5	Terz	(1960 Schlicker, rescaled and revoiced)	61
1/2	Scharf IV		244
2	Mixture V		305
8	Trumpet		61
16	Bombarde		Bombarde
8	Bombarde		Bombarde
	Tremulant		
	Great to Great 16		
	Great Unison Off		
	Bombarde on Great		
	MIDI C		

SWELL (Manual III, enclosed, expressive, west case, 2 nd & 3 rd levels, 4¼" w.p.)			PIPES
16	Lieblichgedackt		12
8	Geigen Diapason		61
8	Gamba		61
8	Vox Celeste		61
8	Hohlflute		61
8	Lieblichgedackt	(1960 Schlicker, rescaled and revoiced)	61
4	Octave Geigen		61
4	Traverse Flute	(1960 Schlicker, rescaled and revoiced)	61
2 2/3	Cornet II (TC)	(1960 Schlicker, rescaled and revoiced)	98
2	Octavin		61
2 2/3	Mixture Graves II-III		171
1	Plein Jeu IV		244
16	Bassoon		61
8	Trompette		61
8	Hautbois		61
8	Vox Humana		61
4	Clarion		61
	Tremulant		
	Swell to Swell 16		
	Swell Unison Off		
	Swell to Swell 4		
	Bombarde on Swell		
	MIDI B		
CHOIR (Manual I, enclosed, expressive, east case, 2 nd and 3 rd levels, 3¾" w.p.)			PIPES
16	Quintaton	(1960 Schlicker, rescaled and revoiced)	61
8	Principal		61
8	Voce Humana (F6)		56
8	Bourdon		61
8	Quintaton		12
8	Erzahler		61
8	Erzahler Celeste		61
4	Octave	(1960 Schlicker, rescaled and revoiced)	61
4	Rohrflöte	(1960 Schlicker, rescaled and revoiced)	61
2 2/3	Nazard	(1960 Schlicker, rescaled and revoiced)	61
2	Principal		61
2	Flute	(1960 Schlicker, rescaled and revoiced)	61
1 3/5	Tierce	(1960 Schlicker, rescaled and revoiced)	61
1 1/3	Larigot	(1960 Schlicker, rescaled and revoiced)	61
1 1/3	Scharf IV		244
16	Bass Clarinet		61
8	English Horn		61
8	Clarinet		12
8	Tuba Harmonique		Bombarde
	Tremulant		
	Choir to Choir 16		
	Choir Unison Off		
	Choir to Choir 4		
	Bombarde on Choir		
	MIDI D		
BOMBARDE (Floating, available at all stations)			PIPES
16	Open Wood	(From Pedal Open Wood)	17
16	Bourdon	(From Pedal Bourdon)	17
8	Open Diapason	(From Pedal Open Wood)	12
8	Nachthorn	(From Pedal Nachthorn)	5
8	Stopped Flute	(From Pedal Bourdon)	29
4	Open Diapason	(From Pedal Open Wood)	12
4	Nachthorn	(From Pedal Nachthorn)	12
2	Open Diapason	(From Pedal Open Wood)	12

Bombarde continues next page...

Bombarde continued...

16	Tuba Harmonique		0
16	Bombarde	(West case, 5¾" w.p.)	61
16	Festival Trumpet		Gallery
8	Tuba Harmonique	(Choir enclosure, 18" w.p.)	61
8	Bombarde		12
8	Festival Trumpet		Gallery

GALLERY ORGAN

Key Action:	Electric Slider (Straight Chests), Electro-Pneumatic (Unit Chests)
Stop Action:	Electric Solenoid (Straight Chests), Electro-Pneumatic (Unit Chests)
Compass:	61 Notes (Manual), 32 Notes (Pedal)

PEDAL (Façade)

PIPES

16	Principal	(1960 Schlicker)	12, ext. Great
16	Gemshorn	(1960 Schlicker)	12, ext. Great
8	Octave		Great
8	Gemshorn		Great
8	Pommer		Great
4	Super Octave		Great
16	Bassoon/Oboe		Swell
8	Festival Trumpet		Great

GREAT (Manual II, unenclosed, west case)

PIPES

8	Principal	(1960 Schlicker, 1991 Holtkamp)	61
8	Gemshorn	(1960 Schlicker)	61
8	Pommer	(1991 Holtkamp)	61
4	Octave	(1991 Holtkamp)	61
4	Pommer	(1991 Holtkamp)	12
2	Gemshorn	(1960 Schlicker)	24
1 1/3	Mixture IV	(1991 Holtkamp)	244
8	Festival Trumpet	(1960 Schlicker, rescaled and revoiced)	61

SWELL (Manual III, enclosed, expressive, east case)

PIPES

8	Rohrflute	(1960 Schlicker)	61
8	Gamba	(1960 Schlicker, 1991 Holtkamp)	61
8	Voix Celeste	(1960 Schlicker)	61
4	Spitzflute	(1960 Schlicker)	61
2	Principal	(1960 Schlicker)	61
16	Bassoon / Oboe		12
8	Bassoon / Oboe	(1991 Holtkamp)	61
16	Festival Trumpet		Great
8	Festival Trumpet		Great
	Tremolo		
	Gallery Swell Unison Off		
	Gallery Swell to Gallery Swell 4		

COUPLERS

Great to Pedal	8	(Reversible by Piston and Toe Stud)
Swell to Pedal	8	(Reversible by Piston and Toe Stud)
Swell to Pedal	4	
Choir to Pedal	8	(Reversible by Piston and Toe Stud)
Choir to Pedal	4	
Bombarde to Pedal	8	
Gallery Great to Pedal	8	
Gallery Swell to Pedal	8	
Gallery Swell to Pedal	4	
Swell to Great	16	

Couplers continue next page...

Couplers continued...

Swell to Great	8	(Reversible by Piston)
Swell to Great	4	
Choir to Great	16	
Choir to Great	8	(Reversible by Piston)
Choir to Great	4	
Gallery Swell to Great	8	
Gallery Swell to Great	4	
Choir to Swell	8	
Swell to Choir	16	
Swell to Choir	8	(Reversible by Piston)
Swell to Choir	4	

COMBINATIONS (256 LEVELS)

Generals	1-2-3-4-5-6-7-8-9-10	Piston and Toe Stud
	11-12-13-14-15	Piston
Pedal	1-2-3-4-5-6	Toe Stud
Great	1-2-3-4-5-6	Piston
Swell	1-2-3-4-5-6	Piston
Choir	1-2-3-4-5-6	Piston
Bombarde	1-2-3-4	Piston
Next		Piston and Toe Stud
Previous		Piston and Toe Stud
Full Organ Reversible		Piston and Toe Stud

CHANCEL CONSOLE DETAILS

3 manuals and pedal	Choir expression pedal
Internal casters	Gallery Swell / MIDI expression pedal
Ivory manual natural keys	Crescendo pedal
Ebony manual sharp keys	MIDI In, Out, Thru, Internal sequencer
Maple pedal natural keys	Full organ indicator light
Rosewood pedal sharp keys	Crescendo pedal indicator light
Pau-ferro drawknobs ("English" style)	All Swells to Swell
Adjustable organ bench	Manual transfer Tab
Transparent music rack	Consoles Independent Tab
Music rack light	Gallery Console Off Tab
Pedalboard light	Chancel Console General Cancel
Chancel Swell expression pedal	Gallery Console General Cancel

MECHANICAL AND ELECTRICAL DETAILS

6 H.P. slow speed electric primary blower
3 H.P. slow speed high pressure blower
1 H.P. 2 stage Tuba Harmonique blower
Two 8 stage "whiffletree" style expression motors in Swell and Choir
Five solid state rectifiers

SPECIAL FEATURES

Adjustable Zimbelstern (Bell star)
Vogelgesang (Bird song)

HOLTKAMP
ORGAN COMPANY

Ben Al-Doory
Terrence Atkin
George Cooper
Akil Gina
Danny Kadar
Rick Lasker
Jimmy Lemaster
Michal Leutsch
Terry O'Connor

Tim Rasper
Juan Rodriguez
Roland Rutz
Jim Sholtis
Tony Siupinys
Bruce Simco
Walt Stromack
Joshua Wood
Ron Yeater

Dave Young
Joe Zamberlin
F. Christian Holtkamp
President