

# SPECIFICATION OF THE 4/32 WURLITZER THEATRE PIPE ORGAN

## FARGO THEATRE – FARGO, NORTH DAKOTA

### **Pedal:**

32'	Diaphone Resultant
32'	Resultant
16'	Tuba Profunda
16'	Brass Trumpet
16'	Diaphone
16'	Diaphone Horn
16'	Tibia Clausa
16'	Contra Viol
16'	Bourdon
8'	Tuba Mirabilis
8'	English Horn
8'	Tuba Horn
8'	Brass Trumpet
8'	Trumpet
8'	Diaphonic Diapason
8'	Octave Horn
8'	Tibia Clausa
8'	Tibia Clausa
8'	Flute
16-8'	Piano
	Bass Drum
	Kettle Drum
	Cymbal
	Crash Cymbal
	Great to Pedal
	Accomp to Pedal
	Solo to Pedal

### **(Accompaniment Cont.)**

8'	<u>Quintadena</u>
8'	Lieblich Flute
8'	Vox Humana
8'	Vox Humana
4'	Octave Horn
4'	Principal
4'	Tibia Piccolo
4'	Gambette Celeste II
4'	Violin Celeste II
4'	Viol d' Orchestra II
4'	Flute
4'	Vox Humana
4'	Vox Humana
2 2/3'	Flute Twelfth
2'	Flautino
8'	Piano
	Marimba
	Octave Marimba
	Chrysoglott
	Octave Chrysoglott
	Snare Drums
	Snare Drum Tap
	Tambourine
	Castanets
	Chinese Block
	Tom Tom
	Sand Block
	Sleigh Bells
	Cymbal

### **(Great Cont.)**

8'	Horn Diapason (TC)
8'	Principal
8'	Tibia Clausa
8'	Tibia Clausa
8'	Orchestral Oboe
8'	Kinura
8'	Krumet
8'	Gamba Celeste II
8'	Violin Celeste III
8'	Viol d' Orchestra II
8'	Saxophone
8'	Clarinet
8'	French Horn
8'	Oboe horn
8'	Quintadena
8'	Lieblich Flute
8'	Vox Humana
8'	Vox Humana
5 1/3'	<u>Tibia Quint</u>
4'	Tuba Clarion
4'	Octave
4'	Octave Horn
4'	Principal
4'	Tibia Piccolo
4'	Gambette Celeste II
4'	Violin Celeste II
4'	Viol d' Orchestra II
4'	Vox Humana
4'	Vox Humana
3 1/5'	Tibia Tenth
2 2/3'	Tibia Twelfth
2'	Tibia Piccolo
2'	Gambette Celeste II
2'	Principal
1 3/5'	Tierce
1'	Fife
	Mixture III Sub Octave
	Mixture III
	Mixture III Super Octave
16'	Piano
8'	Piano
4'	Piano
	Marimba
	Octave Marimba
	Cathedral Chimes
	Xylophone
	Glockenspiel
	Chrysoglott
	Great Sub Octave
	Great Unison

### **Accompaniment:**

8'	Tuba Mirabilis
8'	English Horn
8'	Tuba Horn
8'	Brass Trumpet
8'	Trumpet
8'	Diaphonic Diapason
8'	Horn Diapason (TC)
8'	Principal
8'	Tibia Clausa
8'	Krumet
8'	Gamba Celeste II
8'	Violin Celeste III
8'	Viol d' Orchestra II
8'	Saxophone
8'	Clarinet
8'	French Horn
8'	Oboe Horn

### **Great:**

16'	Tuba Mirabilis (TC)
16'	English Horn (TC)
16'	Tuba Profunda (TC)
16'	Brass Trumpet (TC)
16'	Trumpet (TC)
16'	French Horn
16'	Diaphone
16'	Tibia Clausa
16'	Tibia Clausa (TC)
16'	Contra Viol
8'	Tuba Mirabilis
8'	English Horn
8'	Tuba Horn
8'	Brass Trumpet
8'	Trumpet
8'	French Trumpet
8'	Diaphonic Diapason

# **SPECIFICATION OF THE 4/32 WURLITZER THEATRE PIPE ORGAN**

## **FARGO THEATRE – FARGO, NORTH DAKOTA**

### **(Great Cont.)**

Great Super Octave  
Solo to Great Pizz

### **Bombarde:**

16' Tuba Mirabilis (TC)  
16' English Horn (TC)  
16' Tuba Profunda  
16' Trumpet  
16' Diaphone  
16' Tibia Clausa  
16' Tibia Clausa (TC)  
8' Tuba Mirabilis  
8' English Horn  
8' Tuba Horn  
8' Brass Trumpet  
8' Trumpet  
8' French Trumpet  
8' Diaphonic Diapason  
8' Horn Diapason  
8' Tibia Clausa  
8' Tibia Clausa  
8' Gamba Celeste II  
8' Violin Celeste III  
4' Tuba Clarion  
4' Tibia Piccolo  
4' Tibia Piccolo  
2 2/3' Tibia Twelfth  
2' Tibia Piccolo  
8' Piano  
Marimba  
Xylophone  
Glockenspiel  
Chrysoglott  
Bombarde Sub Oct  
Bombarde Unison  
Bombarde Super Oct

### **(Solo Cont.)**

8' French Trumpet  
8' Diaphonic Diapason  
8' Horn Diapason (TC)  
8' Tibia Clausa  
8' Tibia Clausa  
8' Orchestral Oboe  
8' Kinura  
8' Krumet  
8' Gamba Celeste II  
8' Violin Celeste III  
8' Viol d' Orchestra II  
8' Saxophone  
8' Clarinet  
8' French Horn  
8' Oboe Horn  
8' Lieblich Flute  
8' Vox Humana  
4' Tibia Piccolo  
4' Tibia Piccolo  
4' Gambette Celeste II  
4' Violin Celeste II  
4' Viol d' Orchestra II  
4' Vox Humana  
4' Vox Humana  
2 2/3' Tibia Twelfth  
2' Tibia Piccolo  
8' Piano  
Marimba  
Cathedral Chimes  
Xylophone  
Glockenspiel  
Chrysoglott  
Solo Sub Octave  
Solo Unison  
Solo Super Octave

### **(Backrail Cont.)**

Marimba  
Cathedral Chimes  
Octave Glockenspiel  
Great to Accomp  
Super  
Solo to Accomp  
Solo to Accomp  
Pizz

### **Great 2<sup>nd</sup> Touch:**

16' English Horn  
8' English Horn  
Solo to Great

### **TREMULANTS:**

Orchestral  
Tibia Clausa  
Main I  
Main II  
Tuba Horn  
Tibia Clausa  
Solo I  
Tuba Mirabilis  
Vox Humana  
English Horn  
Vibraphone  
Marimba Re-it  
Glockenspiel Re-it  
Xylophone Re-it

### **BACKRAIL:**

### **Solo:**

16' Tuba Profunda  
16' English Horn (TC)  
16' Tibia Clausa  
16' Tibia Clausa  
16' Vox Humana (TC)  
8' Tuba Mirabilis  
8' English Horn  
8' Tuba Horn  
8' Brass Trumpet  
8' Trumpet

### **Accomp 2<sup>nd</sup> Touch:**

8' Tuba Mirabilis  
8' English Horn  
8' Tuba Horn  
8' Trumpet  
8' Diaphonic Diapason  
8' Tibia Clausa  
8' Tibia Clausa  
4' Tibia Piccolo  
4' Tibia Piccolo  
8' Piano

***SPECIFICATION OF THE 4/32 WURLITZER THEATRE PIPE ORGAN***

***FARGO THEATRE – FARGO, NORTH DAKOTA***

**EFFECTS:**

Train Whistle  
Auto Horn  
Surf  
Siren  
Chinese Block  
Bird Call  
Roll Cymbal  
Horses  
Fire Gong  
Jazz Whistle  
Ratchet

**GENERAL BACKRAIL:**

Train Effect Switch  
(surf, train bell)  
Clock  
“On” Light  
“Booth Signal” Light  
Spotlight Switch  
Memory Level / Crescendo  
Display

**CONSOLE:**

Wurlitzer Console  
4 61-key Manuals  
2<sup>nd</sup> Touch on Accomp.  
2<sup>nd</sup> Touch on Great  
1 32-key Pedalboard

**Pistons:**

Accompaniment/Pedal  
Divisionals 1-10  
General Cancel  
Great  
Generals 1-6  
Divisionals 1-15  
Bombarde  
Alter  
Divisionals 1-10  
Trem Reverse  
Memory  
Set Up  
Solo  
Set  
Divisionals 1-10  
Down (Memory Level)  
Up (Memory Level)

**Toe Studs (Left):**

Train  
Horses  
Fire Gong  
Chinese Block  
Roll Cymbal  
Snare Drum  
Grand Crash

**Swell Pedals:**

Orchestral  
Main  
Solo (With Sostenuato)  
Crescendo

**Toe Studs (Right):**

(Roll Cymbal)  
(Crash Cymbal) / 1  
2  
3

**(Console Cont.)**

Piano Lever: Thunder

**Equipment:**

Hydraulic Scissor Lift  
(Independent from  
Stage)  
Yamaha Midi Data Filer 3  
(Midi Sequencer,  
Console Drawer Left)  
Microphone Holder  
(Console Left)  
Dimmable Console Lights  
(Console Left)  
Lift Controls – Acc.  
Manual  
Left Side  
(Down, Stop, Up)

Artisan Instruments  
Relay  
50 Memory Levels

Current console built  
1998-1999 by Lance E.  
Johnson of Johnson  
Organ Company, Inc.  
(Moorhead, MN).

# ***SPECIFICATION OF THE 4/32 WURLITZER THEATRE PIPE ORGAN***

## ***FARGO THEATRE – FARGO, NORTH DAKOTA***

### **Main Chamber:**

Tuba Horn	8'	10"	73 notes (Bottom 12 in Solo)
Diaphone	16'	10"	73 notes (Bottom 12 backstage)
Horn Diapason	8'	8"	73 notes (Bottom 12 in Orchestral)
Tibia Clausa	8'	10"	85 notes
Clarinet	8'	10"	61 notes
Viol d' Orchestra II	16'	10"	73 notes (Celeste is 49 notes)
Oboe Horn	8'	10"	61 notes
Vox Humana	8'	8"	61 notes
Lieblich Flute	16'	10"	97 notes
Quintadena	8'	8"	61 notes

### **Solo Chamber:**

Tuba Mirabilis	8'	10"	61 notes
English Horn	8'	12"?	61 notes
Brass Trumpet	16'	10"	73 notes (Bottom 12 backstage)
Trumpet	8'	10"	73 notes (Bottom 12 shared w/Brass Tpt.)
Tibia Clausa	16'	12"	97 notes (Bottom 12 backstage)
Saxophone	8'	10"	61 notes
Orchestral Oboe	8'	10"	61 notes
Kinura	8'	10"	61 notes
Violin Celeste III	8'	10"	61 notes
Vox Humana	8'	6"	61 notes
Tuba Horn	16' Ext. from Main Chamber	10"?	12 notes

### **Orchestral Chamber:**

French Trumpet	8'	10"	61 notes
Principal	8'	10"	61 notes
French Horn	8'	10"	61 notes
Krumet	8'	10"	61 notes
Gamba Celeste II	8'	10"	61 notes
Mixture III		5"	73 notes
Diaphone Horn	16' Ext. from Main Chamber	10"	12 notes

### **Stage Organ:**

Diaphone	16' Extension from Main Chamber	10"	12 notes
Brass Trumpet	16' Extension from Solo Chamber	10"	12 notes
English Horn	8' Extension from Solo Chamber	10"	12 notes
Tibia Clausa	16' Extension from Solo Chamber	10"	12 notes
Viol d' Orchestra	16' Extension from Main Chamber	10"	12 notes

### **Percussion Chamber:**

Cathedral Chimes	18 notes
Marimba	49 notes
Glockenspiel	37 notes
Xylophone	37 notes
Chrysoglott	49 notes
Bass Drum / Kettle Drum	
Snare Drum Tap	
Roll / Crash / Tap Cymbal	
Toy Counter	Snare Roll, Tom Tom, Siren, Auto Horn, Train Whistle, Bird Whistle, Triangle, Train Bell, Chinese Block, Horse Hooves, Tambourine, Surf, Sand Block, Sleigh Bells

***SPECIFICATION OF THE 4/32 WURLITZER THEATRE PIPE ORGAN***

***FARGO THEATRE – FARGO, NORTH DAKOTA***

**STATISTICS:**

Owner: Red River Theatre Organ Society (since June 28, 1983)

Consoles: 1 (formerly 2)

Ranks: 32

Manuals: 4

Opus No.: 1255 (Original 2/7 Style E X)

Manufacturing date: January 22, 1926

Completion date: March 8, 1926

No. of Pipes: 2,130

No. of Pedal Keys: 32

No. of Manual Keys: 244

No. of Swell Pedals: 4 (1 crescendo)

No. of Stop Tabs: 265

No. of Pistons: 51

No. of Chambers: 4

No. of Divisions: 5

No. of Memory Levels: 50

No. of Tremulants: 10

No. of Blowers: 4