

**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' Clarinet  
 8' French Horn  
 8' Oboe Horn  
 8' Quintadena  
 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' English Horn  
 8' Tuba Horn  
 8' Brass Trumpet  
 8' Trumpet  
 8' French Trumpet  
 8' Diaphonic Diapason  
 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' Tibia Quint  
 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

**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

**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

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**(Great Cont.)**

4' Piano  
 Marimba  
 Octave Marimba  
 Cathedral Chimes  
 Xylophone  
 Glockenspiel  
 Chrysoglott  
 Great Sub Octave  
 Great Unison  
 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:**

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  
 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:**

**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  
 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

**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  
Tremors 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  
  
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

Console built by Lance E.  
Johnson of Johnson  
Organ Company  
(Moorhead, MN)

## CHAMBER ANALYSIS OF THE 4/32 WURLITZER THEATRE PIPE ORGAN

### Fargo Theatre      FARGO, NORTH DAKOTA

#### Main:

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:

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' Extension from Main Chamber	10"?	12 notes

#### Orchestral:

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' Extension 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:

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