

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 2nd 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 2nd 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

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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
2nd Touch on Accomp
2nd 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

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Main:

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

Solo:

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

Orchestral:

French Trumpet	8'	61 notes
Principal	8'	61 notes
French Horn	8'	61 notes
Krumet	8'	61 notes
Gamba Celeste II	8'	61 notes
Mixture III		73 notes
Diaphone Horn	16' Extension from Main Chamber	12 notes

Stage Organ:

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