

ORGAN STOP PIZZA, MESA, ARIZONA, WURLITZER PIPE ORGAN
4 MANUALS, 82 RANKS
PREPARED BY LEW WILLIAMS

Items in *italics* are prepared for

PEDAL

32' Bombarde
32' Bourdon
32' Diaphone
16' Bombarde (wood)
16' Diaphone (wood)
16' Double English Horn
16' Ophicleide
16' Bass (metal)
16' Tibia Clausa (unenclosed)
16' Tibia Clausa (Solo)
16' Diaphonic Horn
16' Clarinet
16' Violone
16' Metal Violone
16' Double String
16' Oboe Horn
16' Bourdon
8' Serpent
8' Solo English Horn
8' English Horn (Main)
8' Tuba Mirabilis
8' Tuba Horn
8' Diaphonic Diapason
8' Open Diapason
8' Horn Diapasons II
8' Tibia Clausa (Unenclosed)
8' Tibia Clausa (Foundation)
8' Tibia Clausa (Solo)
8' Tibia Clausa (Main)
8' Solo Clarinet
8' Clarinet
8' Major Strings (selective)
8' Mezzo Strings (selective)
8' Flute
16' Piano
8' Piano
8' String Bass (electronic)
8' Accompaniment to Pedal

8' Great to Pedal
4' Great to Pedal
8' Solo to Pedal
Bass Drum
Tympani
Crash Cymbal
Cymbal Roll
Tap Cymbal
Brush Cymbal
Tuned Tympani
Pedal Selective Traps
Triangle
Finger Cymbals
Wood Block
Duck
Conga Drum
Bird I
Snare Drum Tap
Bongo Drums
Horses Hooves
Pedal Selective Percussion
Harp 4'
Steel Drums
Tuned Birds
Duck
Accompaniment Traps to Pedal

ACCOMPANIMENT

8' Solo English Horn
8' English Horn (Main)
8' Tuba Mirabilis
8' Solo Brass Trumpet (Foundation)
8' Brass Trumpet (Solo)
8' Style D Trumpet (Main)
8' Tuba Horn
8' French Horn
8' Diaphonic Diapason
8' Solo Diapason (in side drawer)
8' Open Diapason
8' Horn Diapasons II
8' Tibia Clausa (Solo)
8' Tibia Clausa (Main)
8' Solo Clarinet
8' Clarinet
8' Saxophone (Main)

8' Solo Violins II
 8' Solo Strings II
 8' Gambas II
 8' Violins II
 8' Viols d'Orchestre II
 8' Cellos II
 8' Salicionals II
 8' Oboe Horn
 8' Quintadenas II
 8' Concert Flutes II
 8' Lieblich Flute
 8' Muted Viols II
 8' Spitz Flutes II
 8' Vox Humanas II (Foundation)
 8' Vox Humanas II (Solo)
 8' Vox Humana (Main)
 4' Principal
 4' Solo Diapason (in side drawer)
 4' Octave Horns II
 4' Piccolo (Main)
 4' Gambas II
 4' Violins II
 4' Viols II
 4' Cellos II
 4' Salicets II
 4' Harmonic Flute
 4' Concert Flutes II
 4' Lieblich Flute
 4' Muted Viols II
 4' Spitz Flutes II
 4' Vox Humanas II (Solo)
 4' Vox Humana (Main)
 2-2/3' Concert Flutes II
 2-2/3' Nazard (Lieblich Flute)
 2' Harmonic Piccolo
 2' Piccolos II
 2' Flautino (Lieblich Flute)
 Mixture IV
 8' Piano
 4' Piano
 Solo Harp Sub Octave
 Harp Sub Octave
 Solo Harp
 Harp
 Chrysoglott
 Vibraphone

Selective Percussion:

Xylophone Sub Octave

Xylophone

Vibraphone Sub Octave

Chrysoglott Sub Octave

Snare Drum Roll

Snare Drum Tap

Tom Tom

Jazz Tambourine

Tambourine

Castanets

Wood Block

Brush Cymbal

Choke Cymbal

Accompaniment Selective Traps

Triangle

Finger Cymbals

Wood Block II

Tom Tom Brush

Sand Block

Bongo Drum

Duck

Hi Hat Strike

Horses Hooves

Bird I

Sleigh Bells

Closed Hat

4' Accompaniment Octave

8' Solo to Accompaniment

8' Ancillary to Accompaniment

ACCOMPANIMENT 2ND TOUCH

8' Serpent

8' Solo English Horn

8' English Horn (Main)

8' Tuba Mirabilis

8' Solo Brass Trumpet (Foundation)

8' Brass Trumpet (Solo)

8' Style D Trumpet (Main)

8' Tuba Horn

8' Diaphonic Diapason

8' Tibia Clausa Selective (Foundation, Solo, Main)

8' Solo Clarinet

4' Piccolos (Solo & Main)

Accompaniment Traps to 2nd Touch

Accompaniment Percussions to 2nd Touch

Octave Glockenspiel

Octave Chimes

4' Great to Accompaniment

8' Solo to Accompaniment

GREAT

16' Solo English Horn

16' English Horn (tenor C)

16' Bombarde

16' Solo Brass Trumpet (tenor C)

16' Brass Trumpet (tenor C)

16' Style D Trumpet (tenor C)

16' Diaphone

16' Solo Diapason (tenor C, in side drawer)

16' Bass

16' Horn Diapasons II

16' Tibia Clausa (tenor C)

16' Tibia Clausa (Solo)

16' Tibia Clausa (tenor C)

16' Clarinet

16' Krumet (tenor C)

16' Orchestral Oboe (tenor C)

16' Cor Anglais (tenor C)

16' Musette (tenor C)

16' Solo Saxophone (tenor C)

16' Saxophone (tenor C)

16' Solo Violins (tenor C)

16' Major Strings (Selective)

16' Mezzo Strings (Selective)

16' Minor Strings (Selective)

16' Oboe Horn

16' Quintadenas II (tenor C)

16' Bourdons II

16' Vox Humanas II (tenor C)

16' Vox Humanas II (tenor C)

16' Vox Humana (tenor C)

8' Solo English Horn

8' Tuba Mirabilis

8' Solo Brass Trumpet (Foundation)

8' Brass Trumpet (Solo)

8' Style D Trumpet (Main)

8' Tuba Horn

8' Diaphonic Diapason

8' Solo Diapason (in side drawer)

8' Open Diapason
8' Horn Diapasons II
8' Tibia Clausa (Foundation)
8' Tibia Clausa (Solo)
8' Tibia Clausa (Main)
8' French Horn (in right-side drawer)
8' Solo Clarinet
8' Clarinet
8' Krumet
8' Orchestral Oboe
8' Cor Anglais
8' Musette
8' Kinura
8' Solo Saxophone
8' Saxophone (Main)
8' Solo Violins II
8' Solo Strings II
8' Gambas II
8' Violins II
8' Viols d'Orchestre II
8' Cellos II
8' Salicionals II
8' Oboe Horn
8' Quintadenas II
8' Harmonic Flute (tenor C)
8' Concert Flutes II
8' Muted Viols II
8' Spitz Flutes II
8' Vox Humanas (Foundation)
8' Vox Humanas (Solo)
8' Vox Humana (Main)
5-1/3' Tibia Fifth Selective: (Foundation, Solo, Main)
4' Solo Diapason (in side drawer)
4' Octave (Open Diapason)
4' Octave Horns II
4' Principal
4' Piccolo (Foundation)
4' Piccolo (Solo)
4' Piccolo (Main)
4' Solo Violins II
4' Solo Strings II
4' Gambas II
4' Violins II
4' Viols II
4' Cellos II
4' Salicets II

4' Harmonic Flute
 4' Concert Flutes II
 4' Muted Viols II
 4' Spitz Flutes II
 3-1/5' Tibia Tenth (Main)
 2-2/3' Tibia Twelfth (Solo)
 2-2/3' Tibia Twelfth (Main)
 2-2/3' Concert Flutes II
 2' Piccolo (Foundation)
 2' Piccolo (Solo)
 2' Piccolo (Main)
 2' Fifteenth (Cellos)
 2' Fifteenth (Viols)
 2' Harmonic Flute
 2' Concert Flutes II
 2' Flautino (Lieblich Flute)
 1' Fife Selective: (Solo, Main, Lieblich Flute)
 Mixture IV
 16' Piano
 8' Piano
 4' Piano
 Solo Harp
 Harp
 Master Xylophone Sub Octave
 Xylophone Sub Octave
 Master Xylophone
 Xylophone
 Glockenspiel
 Chrysoglott
 Tuned Cowbells
 Vibraphone
 Solo to Great Pizzicato
 16' Great Sub Octave
 Great Unison Off
 4' Great Super Octave
 8' Solo to Great
 Ancillary to Great

BOMBARDE

16' Serpent (tenor C)
 16' Solo English Horn
 16' English Horn (tenor C)
 16' Bombarde
 16' Solo Brass Trumpet (tenor C)
 16' D Trumpet (tenor C)

16' Ophicleide
 16' Diaphone
 16' Tibia Clausa (Foundation, tenor C)
 16' Tibia Clausa (Solo)
 16' Tibia Clausa (Main, tenor C)
 16' Solo Saxophone (tenor C)
 16' Major Strings
 16' Mezzo Strings
 16' Vox Humanas II (tenor C)
 16' Vox Humanas II (tenor C)
 8' Serpent
 8' Solo English Horn
 8' English Horn (Main)
 8' Tuba Mirabilis
 8' Solo Brass Trumpet (Foundation)
 8' Brass Trumpet (Solo)
 8' Style D Trumpet (Main)
 8' Tuba Horn
 8' Diaphonic Diapason
 8' Diapason (selective: Solo, Open, Horn)
 8' Tibia Clausa (Foundation)
 8' Tibia Clausa (Solo)
 8' Tibia Clausa (Main)
 8' Selective Reeds:
 French Horn
 Solo Clarinet
 Krumet
 Orchestral Oboe
 Cor Anglais
 Musette
 Kinura
 Voce de Brillo
 8' Solo Saxophone
 8' Solo Violins
 8' Major Strings
 8' Mezzo Strings
 8' Vox Humanas II (Foundation)
 8' Vox Humanas II (Solo)
 4' Piccolo (Foundation)
 4' Piccolo (Solo)
 4' Piccolo (Main)
 4' Major Strings
 4' Mezzo Strings
 2-2/3' Tibia Twelfth (Foundation)
 2-2/3' Tibia Twelfth (Solo)
 2' Piccolo (Foundation)

2' Piccolo (Solo)
2' Piccolo (Main)
8' Piano
 Solo Harp
 Master Xylophone
 Xylophone
 Glockenspiel
 Chrysoglott
 Vibraphone
16' Bombarde Sub Octave
 Bombarde Unison Off (in right-side drawer)
4' Bombarde Super Octave
8' Great to Bombarde
4' Great to Bombarde
8' Solo to Bombarde

SOLO

8' Serpent
8' Solo English Horn
8' English Horn
8' Tuba Mirabilis
8' Solo Brass Trumpet
8' Brass Trumpet
8' Style D Trumpet (Main)
8' Tuba Horn
8' Diaphonic Diapason
8' Diapason Selective (Solo, Open, Horn)
8' Tibia Clausa (Foundation)
8' Tibia Clausa (Solo)
8' Tibia Clausa (Main)
8' Flauto Mirabilis
8' French Horn
8' Solo Clarinet
8' Clarinet
8' Krumet
8' Orchestral Oboe
8' Cor Anglais
8' Musette
8' Kinura
8' Solo Saxophone
8' Saxophone
8' Solo Strings II
8' Gambas II
8' Cellos II
8' Vox Humanas II (Foundation)

8' Vox Humanas II (Solo)
8' Vox Humana (Main)
4' Piccolo (Foundation)
4' Piccolo (Solo)
4' Piccolo (Main)
4' Flauto Mirabilis
4' Harmonic Flute
2-2/3' Tibia Twelfth (Solo)
2-2/3' Tibia Twelfth (Main)
1-3/5' Tibia Tierce (Solo)
Mixture IV (in right-side drawer)
8' Piano
Solo Harp Sub Octave
Harp Sub Octave
Master Xylophone
Xylophone
Glockenspiel
Glockenspiel Celeste
Chrysoglott
Tuned Cowbells
Vibraphone Sub Octave
Tuned Sleigh Bells
Saucer Bells
Chimes
Carillon (synthetic)
16' Solo Sub Octave
Unison Off
4' Solo Super Octave
Solo Mutation Coupler
(Selective: sub 3rd, sub 5th, 3rd, 5th, Major 6th, Major 7th)
Ancillary to Solo
2' Band Fife
8' Trompette en Chamade

TREMULANTS

Main I
Main II
Main III
Solo I
Solo II
Solo III
Foundation
Tibias/Lieblich Flute
Saxophones/Vox Humanas
Tubas

Trumpets
Solo English Horn
Vibraphone

GENERAL CONTROLS

String Celestes Off
Flute Celestes On
Enclosed Percussions On
Enclosed Traps On
Tibia Minor Amplex
Main Tibia Clausa Off
Tibia Plena Amplex
Solo Tibia Clausa Off
Open Diapason to Lieblich Flute Amplex
Solo Vox Humana I Off
Solo Vox Humana II Off
Foundation Vox Humana I Off
Foundation Vox Humana II Off
D Trumpet to Chorus Trumpet Amplex
Solo Kinura to Main Kinura Amplex
Grand Piano Off
Upright Piano On
Percussion Reiteration (Marimba Harps, Xylophones, Glockenspiels, Chrysoglotts)

ANCILLARY DIVISION

16' Vox Humana
8' Vox Humana
8' Vox Humana Celeste
4' Vox Humana
8' Rohr Flute (tenor C)
4' Rohr Flute
Tuned Bird Whistles
Steel Drums

ADDITIONAL PEDAL CONTROLS

Piano-Style, lower right side

TOP ROW

(1st Touch) Snare Drum Roll + Tympani Roll,
(2nd Touch) Bass Drum + Crash Cymbal
(1st Touch) Roll Cymbal,
(2nd Touch) Crash Cymbal

BOTTOM ROW

Enclosed Cymbal Roll
(1st Touch) Chinese Gong Roll

(2nd Touch) Chinese Gong Crash
First Touch, Reversible: 32' Bourdon
Second Touch, Reversible: 32' Diaphone
First AND Second Touch: both 32' Bourdon & 32' Diaphone

ADDITIONAL CONTROLS, RIGHT PULL-OUT DRAWER
(Reversible Push Buttons, Read Left to Right from the Top Down)

SOLO MANUAL, 7 MIDI Buttons, Mixture IV

SOLO MANUAL Mutation Couplers:
sub 3rd, sub 5th, 3rd, 5th, minor 6th, minor 7th, French Horn, Mixture IV, Mixture III

SOLO MANUAL Selective Diapasons:
Solo, Open, Horn

BOMBARDE MANUAL, 8 MIDI Buttons

BOMBARDE MANUAL Selective 8' Orchestral Reeds
French Horn, Solo Clarinet, Krumet, Orchestral Oboe, Cor Anglais, Musette, Kinura,
Voce de Brillo

BOMBARDE MANUAL Selective 8' Diapasons
Solo Diapason, Open Diapason, Horn Diapason

GREAT MANUAL
7 MIDI Buttons, Principal 4', Mixtur III, 8' French Horn

GREAT MANUAL Selective 5-1/3' Tibias
Foundation, Solo, Main

GREAT MANUAL Selective 16' Major Strings
Solo Strings, Gambas, Cellos

GREAT MANUAL Selective 16' Mezzo Strings
Violins, Viols d'Orchestre

GREAT MANUAL Selective 16' Minor Strings
Salicionals, Muted Viols

GREAT MANUAL Selective 1' Fife
Solo Tibia, Main Tibia, Lieblich Flute

ACCOMPANIMENT MANUAL
8 MIDI Buttons, Principal 4, Mixtur III

ANCILLARY DIVISION

Accordion, Bombarde Unison Off

GREAT MANUAL Solo Diapason: 16', 8', 4'

ACCOMPANIMENT MANUAL Selective Second Touch:

Xylophone, Xylophone Super 8ve, Vibraphone Sub 8ve, Chrysoglott Sub 8ve, blank

ACCOMPANIMENT MANUAL Solo Diapason 8', 4', five blank buttons

ACCOMPANIMENT MANUAL Second Touch, 8 MIDI Buttons

ACCOMPANIMENT MANUAL SECOND TOUCH

Selective 8' Tibia Clausa: Foundation, Solo, Main

ACCOMPANIMENT MANUAL SECOND TOUCH

Selective 8' Diapason: Diaphonic, Open, Solo, Horn

ACCOMPANIMENT MANUAL SECOND TOUCH

Selective Chimes: *Tower Chimes*, Wurlitzer Chimes

PEDAL 8 MIDI Buttons

PEDAL

Selective Unenclosed Tibias: East Balcony, West Balcony

PEDAL

Selective 8' Strings: Solo Violins, Solo Strings, Violins, Gambas, Cellos, Salicional

PEDAL

Selective Percussions: Harp 4', *Steel Drums*, Tuned Birds, Duck

MEMORY DOWN, MEMORY UP, MEMORY LOAD (99 Levels)

RANGE PISTON, SET PISTON

DRAWER DEFINITIONS, DRAWER CANCEL

ADDITIONAL CONTROLS, LEFT PULL-OUT DRAWER

(Push Buttons, Read from Left to Right, Top Down. Items in *Italics* are Prepared For or Non-Functional)

Player Start, Announcer Spot, Power 1, Power 2, Cipher Signal

Player Stop, Adjustable Crescendo, Reboot 1, Reboot 2, Trouble Signal

Chase Lights Down, Chase Lights Dance, Chase #1 Out, Chase #3 Out, Chase #2 Out, Chase #4 Out

Bongos: Beat #1 High, Bongos: Beat #3 High, Bongos: Beat #3 High, Bongos: Beat #4 High

ACCOMPANIMENT MANUAL SECOND TOUCH

Selective Traps:

Triangle, Finger Cymbals, Brush Cymbal, Conga Drum

ACCOMPANIMENT MANUAL FIRST TOUCH

Selective Traps and Effects:

Triangle, Finger Cymbals, Wood Block II, Tom-Tom Brush, Sand Block, Bongos Hi-Lo, Duck, Hi Hat Strike, Horses Hooves, Bird I, Sleigh Bells, Closed Hat

PEDAL

Selective Traps and Effects:

Triangle, Finger Cymbals, Wood Block I, Snare Drum Tap, Bongos Hi-Lo, Conga Drum, Horses Hooves, Bird, Duck

Piano Mandolin, Piano to Cassette, Piano Expression, Piano FF on/off, Organ Sostenuto on/off, Piano Sustain on/off

Mirror Ball #1 on/off, Fog 1, Firefly Strobes on/off, Search Lights on/off, Lasers

Mirror Ball #2, Fog 2, Console Strobe on/off, US Flag down/up, Bubbles on/off

**Fog Abort, Chamber Strobes on/off, Screen down/up
Canadian Flag down/up, Cats on/off, Chase Lights on/off**

Slide Projector on/off, Mickey Mouse Flag down/up, Kaleidoscope on/off

Lift Rotation Off, Lift Bottom, Lift Micro-Rotate

Lift Stop, Lift Top, Lift Center

CONSOLE KEYCHEEK BUTTONS

Solo Manual Left

Raspberry

Splash Cymbal

Wind Chimes

Solo Manual Right

Duck

Bird I

Bird II

Bombarde Manual Left

Lights Reverse, Lights Forward

Kaleidoscope, Strobe Master

Chase Lights On/Off, Chase Lights Still

Great Manual Left

Train Bell, Train Whistle

Wood Block I, Wood Block II

Acme Siren, Bass Drum

Accompaniment Manual Left

Snare Drum Roll, Slide Whistle

Police Whistle, Bass/Cymbal Crash

Slide Reverse, Slide Advance

Bombarde Manual Right

Kirkwood Lights Cancel, Glockenstern

K1 (Lights Off), K2 Blue

K3 Pink, K4 Red

Great Manual Right

K5 Red #2, K6 Yellow

K7 Green, K8 Light Blue

K9 Bright, K10 Up Full

Accompaniment Manual Right

Gong Roll, Gong Crash

Bongo Low, Bongo High

House Lights Down, House Lights Up

TREMULANTS

MAIN I

Concert Flutes II, Viols d'Orchestre II, Clarinet, Krumet

MAIN II

Gambas II, Quintadenas II, Harmonic Flute, Wurlitzer Kinura

MAIN III

Solo Diapason, Horn Diapasons II, Salicionals II, Oboe Horn

SOLO I

Solo Clarinet, French Horn

SOLO II

Orchestral Oboe, Musette, Gottfried Kinura, Cellos II, Spitzflutes II

SOLO III

Open Diapason, Cor Anglais, Solo Strings II, Violins II, Muted Viols II, 4'Principal,
Mixture IV, Rohr Flute

FOUNDATION

Diaphonic Diapason, Solo Violins II, Flauto Mirabilis

TIBIAS

Tibia Minor, Main Tibia Clausa, Solo Tibia Clausa, Foundation Tibia Clausa, Solo Tibia
Plena

SAXOPHONES/VOX HUMANAS

**Main Vox, Vox Humana Chorus IV, Solo Vox I, Solo Vox II, Foundation Vox I,
Foundation Vox II, Main Saxophone, Solo Saxophone**

TUBAS

Tuba Horn, Tuba Mirabilis

TRUMPETS

Style D Trumpet, Brass Trumpet, Solo Brass Trumpet, Chorus Trumpet

ENGLISH HORN

Solo English Horn, Band Fife

CHAMBER ANALYSIS

MAIN CHAMBER (31 ranks)

English Post Horn

Chorus Trumpet

Style D Trumpet

Tuba Horn

Solo Diapason

Horn Diapasons II

Concert Flutes II

Lieblich Flute

Tibia Minor

Tibia Clausa

Clarinet

Krumet

Kinura Minor

Saxophone

Gambas II

Viols d'Orchestre II

Salicionals II

Oboe Horn

Quintadenas II

Harmonic Flute

Vox Humana Chorus IV

Vox Humana

Tambourine

Castanets

Wood Block

Brush Cymbal

Roll Cymbal

SOLO CHAMBER (31 ranks)

English Post Horn

Brass Trumpet

Open Diapason

French Horn

Solo Clarinet

Orchestral Oboe

Cor Anglais

Musette

Kinura

Solo Saxophone

Vox Humana 1

Vox Humana 2

Solo Strings II

Violins II

Cellos II

Muted Viols II

Spitzflutes II

Tibia Clausa

Tibia Plena

Principal

Mixture IV

Rohr Flute

String Bass

FOUNDATION CHAMBER (10 ranks)

Serpent

Tuba Mirabilis

Solo Brass Trumpet

Solo Violins II

Diaphonic Diapason

Flauto Mirabilis

Vox Humana 1

Vox Humana 2

Tibia Clausa

Chrysoglott

Chimes

Glockenspiel

Xylophone

DIAPHONE CHAMBER (2 ranks)

32' Diaphone

32' Bombarde

LEFT BALCONY (1 rank)

8' Tibia Clausa
Yamaha Grand Piano
Marimba Harp
Bass Drum
Kettle Drum
Snare Drum
Crash Cymbal
Roll Cymbal
Tuned Tympani
Duck
Tuned Cowbells

RIGHT BALCONY (2 ranks)

16' Tibia Clausa
8' Tibia Clausa
Solo Harp
Conga Drum
Bongo Drums
Upright Piano

LEFT CEILING

Bird 1

CENTER CEILING

Glockenspiel
Glockenspiel Celeste

RIGHT CEILING

Cathedral Chimes
Master Xylophone
Vibraphone
Tuned Sleigh Bells
Bird 2

LEFT FRONT WALL

Police Whistle
Acme Siren
Horse Hooves
Brush/Tap Cymbal
Hi-Hat Cymbal
Cowbell
Castanets

Finger Cymbals
Wood Block
Doorbell
Choke Cymbal
Tambourine
Sand Block
Tuned Bird Whistles

LEFT AND RIGHT FRONT WALLS

Saucer Bells

RIGHT FRONT WALL (1 rank)

2' Band Fife
Klaxon Horn
Telephone Bell
Train Whistle
Sleigh Bells
Horse Hooves
Accordion
Wood Block
Triangle
Tambourine
Castanets
Surf
Slide Whistle
Oogah Horn
Tom Tom
Wind Chimes
Splash Cymbal
Bongo Drums
Conga Drum
Chinese Gong
Glockenstern

LEFT CEILING

Chrysoglott
Xylophone

UNENCLOSED, Behind Console (4 ranks)

4' Principal
Mixtur III

REAR BALCONY (2 ranks)

32' Bourdon
8' Trompette en Chamade,

CHAMBER ANALYSIS

MAIN CHAMBER

31 ranks

**16' Ophicleide
8' Tuba Horn**

Wurlitzer, Denver Theatre, Denver
“ “ “ “

**16' Diaphonic Horn
8' Horn Diapason
8' Horn Diapason Celeste**

**Wurlitzer, Hollywood Theatre, Chicago
Kimball, unknown
Austin, 49 notes**

**16', Bourdon
8' Concert Flute
8' Flute Celeste**

Wurlitzer, Denver Theatre
“ “ “
Wurlitzer, Hollywood Theatre, Chicago

**16' Clarinet
8' Clarinet**

**Wurlitzer, Ron Mitchell studio
Wurlitzer, Denver Theatre, Denver**

16' Double String

**Kimball, Welte metal Violine, Barker Brothers
Department Store, Los Angeles**

8' Viol d'Orchestre II

Wurlitzer, Denver Theatre, 8' celeste rank, 61 notes

**16' Vox Humana Chorus
16', 8' unison, 8' celeste, 4'**

Wurlitzer, Liberty Theatre, Portland, Oregon

**16' Oboe Horn
8' Oboe Horn**

**Kimball, unknown
Wurlitzer, Denver Theatre, Denver**

8' English Post Horn

Austin

8' Chorus Trumpet

Kimball

8' Style D Trumpet

Wurlitzer, Hollywood Theatre, Chicago

8' Solo Diapason

Kimball

8' Tibia Clausa

Wurlitzer, WENR radio studio, Chicago

8' Tibia Minor

Murray Harris, unknown

8' Krumet

Wurlitzer, WENR radio studio, Chicago

8' Kinura Minor	Wurlitzer, Fox Theatre, Brooklyn
8' Brass Saxophone	Wurlitzer, Denver Theatre, Denver
8' Gambas II	Kimball, unknown; celeste rank, 61 notes
8' Salicional, Celeste II	Wurlitzer, unknown. 8' bottom octave prepared for
8' Vox Humana	Wurlitzer, Denver Theatre, Denver
8' Quintadena Celeste II	Wurlitzer, Stanley Theatre, Pittsburgh; both ranks 73 notes
4' Lieblich Flute	Wicks, unknown
4' Harmonic Flute	Schoenstein, copy of Wurlitzer
<u>SOLO CHAMBER</u>	31 ranks
16' Tibia Clausa 8' Tibia Clausa	Wurlitzer, State-Lake Theatre, Chicago; Wurlitzer, Norshore Theatre, Chicago
16' Double English Horn 8' Solo English Horn	Wurlitzer, Metropolitan Theatre, Boston Wurlitzer, Riverview Roller Rink, Milwaukee
16' Diaphone (metal) 8' Open Diapason	Robert Morton, unknown Wurlitzer, WENR radio studio, Chicago
16' Violone 8' Cello Celeste II	Roosevelt, unknown Wurlitzer, Center Theatre, New York City. both ranks, 85 notes
8' Brass Trumpet	Wurlitzer, Stanley Theatre, Pittsburgh
8' French Horn	E.M. Skinner, Temple Emanuel, San Francisco
8' Tibia Plena	Wurlitzer, Riverview Roller Rink, Milwaukee
8' Solo Clarinet	Wurlitzer, Riverview Roller Rink, Milwaukee
8' Orchestral Oboe	Wurlitzer, Denver Theatre, Denver
8' Musette	Trivo, copy of Wurlitzer
8' Kinura	Kimball, unknown

8' Cor Anglais TC	unknown
8' Brass Saxophone	Wurlitzer, Stanley Theatre, Pittsburgh
8' Solo String II	Wurlitzer, Denver Auditorium.
8' Violin II	Wurlitzer, Riverview Roller Rink, Milwaukee; both ranks 73 notes
8' Muted Viols II	Wurlitzer, Stanley Theatre, Jersey City
8' Spitzflutes II	Wurlitzer, Buffalo Mortuary; celeste rank 61 notes from T.C.
8' Vox Humana #1	Wurlitzer, Auditorium, Denver
8' Vox Humana #2	Wurlitzer, Hollywood Theatre, Chicago
4' Rohrflute	Compton, Wimbledon Town Hall, Wimbledon, England
4' Principal	Kimball, unknown
IV Mixture	Kimball, unknown
8' Pedal String Bass	Peterson, electronic, 24 notes, C-B
FOUNDATION, 10 ranks	
16' Bombarde	NCR radio studio, Philadelphia;
8' Tuba Mirabilis	Wurlitzer, Denver Auditorium
16' Diaphone (wood)	Wurlitzer, Fabian Theatre, Jersey City, New Jersey;
8' Diaphonic Diapason	Wurlitzer, Riverview Roller Rink, Milwaukee
8' Foundation Tibia Clausa	Wurlitzer, Denver Theatre
8' Serpent	Austin, new
8' Solo Trumpet	Wurlitzer, Denver Theatre
8' Solo Violin, Celeste	Wurlitzer, Riverview Roller Rink, Milwaukee
8' Vox Humana I	Wurlitzer, Metropolitan Theatre, Boston, large scale

8' Vox Humana II

unknown

8' Flauto Mirabilis

Hope Jones, Minneapolis

Chimes #2

25 notes, Denver Theatre

Xylophone #2

37 notes, Denver Theatre

Chrysoglott #2

49 notes, Denver Theatre

Glockenspiel #3

37 notes, Denver Theatre

DIAPHONE CHAMBER

2 ranks

32' Diaphone

Wurlitzer, Liberty Theatre, Portland

32' Bombarde

Estey (possibly from a New York church instrument)

UNENCLOSED

Behind Console, 4 ranks

4' Principal

Organ Supply

Mixtur III

Organ Supply

UNENCLOSED

Right Side, 1 rank

2' Band Fife

Wurlitzer, Riverview Roller Rink, Milwaukee

Accordion

Wurlitzer, unknown

BALCONY

(2 ranks)

32' Bourdon

Moller

8' Trumpet en Chamade

Trivo

UNENCLOSED TRAPS

Left Side

Bass Drum

Kettle Drum

Crash Cymbal;

Tuned Tympani (13 notes, FFF to FF), Wurlitzer, Brooklyn Fox

Tambourine

Finger Cymbal

Door Bell

Wood Block #1
Bird #1
Brush/Tap Cymbal
Roll Cymbal
Duck
Choke Cymbal
Cow Bell
Police Whistle
Buzzer
Castanets
Acme Siren
Tuned Bird Whistles (18 notes, copy of Christie set)

UNENCLOSED PERCUSSIONS,

Left Side and Alcove

Grand Piano	Yamaha 7'
Xylophone #1,	37 notes, C-C
Chrysoglott #1	49 notes, G-G
Marimba	49 notes, C-C
Tuned Cowbells,	25 notes, C-C

UNENCLOSED PERCUSSIONS

Center

Glockenspiel #2	30 notes, G-C
Saucer Bells	25 notes, C-C

UNENCLOSED TRAPS

Right Side

2' Band Fife	25 notes, G2-G4
Train Whistle	
Conga Drum	
Splash Cymbal	
Horses Hooves	
Model T Horn (oogah)	
Wire Brush	
Wood Block #2	
Wind Chimes	
Triangle	
Chinese Gong (stroke or roll effect)	
Jazz Tambourine	

Bell Tree (Zimbelstern)
Castanets
Tom Tom
Bird #2
Bongo Drums #1, #2

UNENCLOSED

Right Alcove

16',Tibia Clausa	Wurlitzer, State-Lake Theatre, Chicago
8' Tibia Clausa	“ “ “ “ “
Upright Piano	Keller, 1929
Cathedral Chimes	25 tubes, G-G
Solo Marimba Harp	49 notes, C-C
Master Xylophone	37 notes, C-C
Vibraphone	49 notes, G-G
Tuned Sleigh Bells	25 notes, C-C

MULTIPLE SETS OF RANKS TAKEN FROM SINGLE SOURCES

Denver Theatre Wurlitzer, Denver, Colorado	10 ranks
Riverview Roller Rink Wurlitzer, Milwaukee, Wisconsin	8 ranks
Liberty Theatre Wurlitzer, Portland, Oregon	5 ranks
Denver Auditorium Wurlitzer, Denver, Colorado	3 ranks
Hollywood Theatre Wurlitzer, Chicago, Illinois	3 ranks, one 16' offset
Stanley Theatre Wurlitzer, Pittsburgh, Pennsylvania	4 ranks
Radio station WENR studio Wurlitzer, Chicago, Illinois	3 ranks
Center Theatre Wurlitzer, New York City, New York	2 ranks
Metropolitan Theatre Wurlitzer, Boston	1 rank, one 16' offset