



Hutchinson's Historic Fox Theatre

18 East 1st Ave

Hutchinson, KS 67501

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Technical Specifications

(Revised January 2012)

General Overview

Located in downtown Hutchinson, the Fox Theatre is a fully restored 1931 movie palace/vaudeville house currently owned and operated by Hutchinson's Historic Fox Theatre, Inc. Functioning as a professional performing arts center with a season running September through May, the theatre is also available for rent. The auditorium seats 1,221 with a ground level and one balcony. The theatre has been designated the "State Movie Palace of Kansas" by the Kansas legislature and features a summer/winter film series of art, independent, and classic films as well as special holiday films throughout the year. Designed by Boller Brothers, known for their extraordinary movie palaces throughout the Midwest, the Fox is considered one of the finest examples of "art deco" architecture in the central United States.

Driving Directions

From K-96 (Wichita): Follow K-96 into South Hutchinson (don't take the K-96 Bypass at South Hutchinson). Proceed through South Hutchinson to the Woody Seat Freeway (Still on K-96). Exit to your right at Avenue A and go east. Proceed two blocks to Main Street. Turn left (north) onto Main Street and proceed two blocks to 1st Avenue. Turn right (east) onto 1st Avenue and proceed ½ block. The Fox Theatre will be on your left (north) side. To access the loading (stage) entrance proceed on 1st Avenue to the end of the block and turn left (north) onto Walnut Street. Proceed ½ block and turn left (west) into the alley. The loading (stage) entrance will be ahead to your left.

From I-70 (Salina): Exit I-70 at Salina onto I-135 South. Proceed on I-135 to McPherson and exit onto K-61 (Hutchinson exit). Follow K-61 into Hutchinson all the way to 4th Avenue. Turn right (west) onto 4th Avenue. Proceed to Walnut Street and turn left (south). To access to loading (stage) entrance turn right (west) into the alley between 2nd and 1st Avenue. The loading (stage) entrance will be ahead to your left. To access the theatre's main entrance follow Walnut Street to 1st Avenue and turn right (west). The Fox will be on your right (north) side.

Parking

Adequate parking for one tractor/trailer, one tour bus, or several vans is available on the east side of the building near the loading (stage) entrance on Fox Theatre property. The corner parking lot east of the theatre is not Fox Theatre property and is designated private parking only. Unauthorized vehicles are towed from this lot. Inquire about special parking needs.

Load-In

There is no loading dock at the Fox. There is a concrete parking lot/loading area directly outside the stage left door. There are two concrete 8" steps down to stage level outside the door, along with a shallow-grade concrete ramp, which at it's narrowest is 54", and makes a full 180° turn. The loading doors open to a maximum width of 54" and height of 94". Typical road-cases, including large-format mixing console cases, cable trunks, prop cases, are able to easily maneuver the ramp and doorway. Some larger pieces, such as costume gondolas, may have to be man-lifted down the steps to avoid the ramp, assuming they will then fit through the doorway. The outdoor loading area can serve as storage for dead cases and has, in extreme situations, served as a staging area.

Stage Dimensions

Proscenium Width: 42'1"

Proscenium Height: 27' (at center)

Stage Depth: 23'7^{1/2}" (PL to upstage wall)

Thrust Depth: 7'4^{1/2}" (at center, this Wenger Versalite Staging covers the orchestra pit)

Thrust and Stage Depth: 31' (at center, thrust edge to upstage wall)

Stage Width: 61'10" (stage left wall to stage right wall)

Orchestra Pit Width: 40' (upstage)

Orchestra Pit Depth: 8' (at center)

Orchestra Pit Height: -5' (from stage level)

Dressing Rooms

The dressing rooms are located below the stage and are accessed by a stairwell stage left. There are four smaller dressing rooms (8' x 8') that can each accommodate four people comfortably. There is also one larger dressing room (8' x 12'), which can accommodate 6 people comfortably. For larger productions there is a storage room (8' x 16') that can be used as a dressing room and it can accommodate another 6 people comfortably. The total occupancy of the entire dressing room area is 40 – 50 people.

Each dressing room is equipped with lighted mirrors, chairs, counters, drawers, sinks, and Clearcom speaker stations. There are two restrooms and one shower in the dressing room area. Multiple rolling clothing racks are also available. There are no on-site laundry facilities. There is not a designated space for wardrobe.

Power

*No Shore Power

100 Amp/leg, 3-Phase, 5-wire, bare-lug service, upstage right

400 Amp/leg, 3-Phase, 5-wire, bare-lug service, downstage right

Lighting

Control: ETC Insight 3

Dimmers: Rosco E/T IPS 1.2k dimmers

DMX Distribution: Rosco DMX Amplifiers

The console is located in the tech booth against the back wall of the auditorium, below the balcony.

Hang Positions

FOH Position: 12 circuits

House left balcony boom: 12 circuits

House right balcony boom: 12 circuits

House left balcony rail: 6 circuits

House right balcony rail: 6 circuits

House left box boom: 6 circuits

House right box boom: 6 circuits

1st electric: 24 circuits (this is a motorized pipe)

2nd electric: up to 24 circuits (this is line set 7 with IPS drop boxes)

3rd electric: 24 circuits (this is a motorized pipe)

DMX is distributed around the stage that can control a total of 8 IPS drop boxes (four of which are hung on the 2nd electric), each with 6 dimmer channels

Instrument Inventory

12	5° Source 4 instruments
20	10° Source 4 instruments
8	19° Source 4 instruments
20	26° Source 4 instruments
10	36° Source 4 instruments
30	Source 4 PARs (w/ very narrow, narrow, medium, and wide lenses)
12	Altman single cell sky cyc instruments

Followspots

2 Lycian 1267 SuperArc 400 followspots
These followspots are located in the Projection Booth above the balcony.

Houselight Control

All houselights are controlled on a dimming system completely independent of the stage dimming system and therefore cannot be controlled by the lighting console. The houselight dimming system consists of Rosco E/T 1.2k dimmers controlled via 8-button preset recall stations located at the lighting console, backstage right, and in the projection booth. Included in the presets are full house, half house, blackout, etc.

Soft Goods Inventory

1	gold 4' x 48' velour valance with 50% fullness
1	motorized gold 28' x 48' velour house curtain with 50% fullness (control located stage right at stage manager's station, at lighting console, & projection booth)
1	black 28' x 48' velour mid-stage traveler with 50% fullness
3	black 4' x 48' velour valances with 50% fullness
3	sets of black 28' x 4' velour legs with 50% fullness
1	20' x 40' black drop
1	seamless off-white 28' x 48' cyclorama

Rigging

There are a total of 18 single-purchase line sets beginning 5' from the proscenium.
Line sets are on 6" centers. Pipes are 48' long.

Grid Elevation: 48'10" (from stage)

Batten High Trim: 45'4" (from stage)

Loading Gallery: Located stage right at 41'4" (from stage)

Locking Rail: Located stage right elevated 10' above stage level (this provides more wing space)

House Hang

The gold house valance is dead-hung upstage of the proscenium @ 1'

The gold house curtain is dead-hung upstage of the proscenium @ 1'6"

The 1st Electric is a motorized pipe located upstage of the proscenium @ 3'

Line 1	@ 5'0"	Legs #1 & Border #1
Line 2	@ 5'6"	Projection Screen 35' X 19' (front proj. only, cannot move)
Line 3	@ 6'0"	-
Line 4	@ 6'6"	-
Line 5	@ 7'0"	-
Line 6	@ 7'6"	-
Line 7	@ 8'0"	2 nd Electric (using IPS drop boxes)
Line 8	@ 8'6"	-
Line 9	@ 9'0"	Border #2
Line 10	@ 9'6"	Mid-stage Traveler (cannot move)

Line 11 @ 10'0" Legs #2
Line 12 @ 10'6" -
Line 13 @ 11'0" -
The 3rd Electric is a motorized pipe located upstage of the proscenium @ 13'
Line 14 @ 15'0" Border #3
Line 15 @ 15'6" Legs #3
Line 16 @ 16'0" -
Line 17 @ 16'6" Black Drop
Line 18 @ 17'0" Cyclorama

Audio

The FOH mix position is located on the main floor of the auditorium in the center section approximately 45' from the stage. This position is not under the balcony. The mix position can be moved to the Tech Booth at the rear of the auditorium in order to free up seats, if so desired. The Tech Booth, however, is against the back wall and under the balcony.

FOH

Console: Yamaha M3000 (40 channels, 4 stereo channels, 12 mono auxiliaries, 2 stereo auxiliaries, 8 VCA groups, 128 scene on/off memory, 2 power supplies)

FOH Rack Inventory

1 Yamaha SPX 2000
4 dBx 166A dual channel comp/limiter
1 Tascam CD01U-Pro compact disc player
1 Tascam 302 dual auto reverse cassette deck
2 Rane GE-30 graphic equalizers (one each on house left and house right channels)
(Other processing available)

Snake System

Whirlwind Concert 40 Splitter Snake
32 XLR sends w/ ground lifts
8 XLR returns

The main output of the snake head runs to both the FOH mix position and the Tech Booth. There is a transformer isolated split out that can be used when a monitor console is provided.

FOH Speaker Cabinets

There are 3 JBL VS3218-6 on both the house left and house right side of the stage which are mounted up in organ lofts. These cabinets are splayed to cover the main floor and the balcony. The VS3218-6 is a three-way cabinet featuring an 18" LF transducer, a horn loaded 10" cone midrange driver, and a 1.5" HF compression driver coupled to a bi-radial horn. These cabinets are tri-amplified and do provide satisfactory coverage for most events. Inquire about a front-fill system, subwoofers, etc.

Processing and Amplification

The left and right channels are processed using two BSS OMNIDRIVE FDS 366T Loudspeaker Management Systems.

The HF drivers are amplified with QSC 1000a power amplifiers.

The MF drivers are amplified with QSC 2000a power amplifiers.

The LF drivers are amplified with QSC 3000a power amplifiers.

Each driver has it's own amplifier channel.

Stage Monitor System

The stage monitor system consists of the following:

- 8 Yamaha SM 12IV monitor cabinets
- 2 Yamaha WF115 sidefill cabinets
- 3 dBx 2231 dual channel 1/3 octave graphic equalizers
- 3 QSC 1500a power amplifiers

This system can provide six discreet mixes that can either be mixed from the FOH console or from the stage when a separate monitor console is provided. The equalizers and amplifiers are in portable racks and can be moved to their desired location.

Microphone Inventory

- 6 Shure SM58
- 4 Shure Beta 87
- 1 Shure Beta 58
- 6 Shure SM57
- 2 Shure SM81
- 2 AKG 451
- 4 Shure KSM 32
- 1 Shure Beta 52
- 1 Shure Beta 91
- 5 Shure Beta 98 (w/ drum clips)
- 6 Countryman DT-85 Direct Boxes
- 3 Audio-Technica ES-933/H Hanging Condensers

K&M Microphone Stands (assorted sizes)

Microphone Cable (assorted lengths)

Subsnakes (assorted configurations, 50')

Stage Power Cable and Quad Boxes

Communications

- 1 Clearcom MS232 Two-Channel Main Station (located backstage right at stage manager's station)
- 7 Clearcom KB111a Speaker Stations (one in each dressing room, one in green room, one in TD office)
- 8 Clearcom RS501 single channel beltpacks
- 8 Clearcom CC85 single muff headsets
- 1 Clearcom HS-6 handset

There are beltpack stations (channel A & B switchable) at the following locations:

- 1 Stage Manager's Station (stage right)
- 1 Upstage Right
- 1 Upstage Center
- 1 Stage Left
- 1 Locking Rail
- 2 Tech Booth
- 1 FOH Mix Position
- 2 Projection Booth (for followspots)

Misc. Inventory

- 12 4' X 8' black platforms with 8", 12", 16", and 24" legs and skirting
 - 2 24" black stair units w/ railing
 - 1 24" stair unit
 - 1 16" stair unit
 - 1 6' X 8' gray drum carpet
 - 1 8' X 8' black drum carpet
 - 1 Drum Shield
 - 50 Armless musician's chairs (black and dark gray)
 - 5 Metal framed barstools (black w/ yellow vinyl seats)
 - 10 Black Manhasset music stands
- Inquire about availability of 8' banquet tables and folding chairs