

WILMA THEATRE
131 S Higgins
Missoula, Montana 59802
www.thewilma.com

TECHNICAL SPECIFICATIONS 2008



The Wilma Theatre is a Historical Landmark Theatre in downtown Missoula, Montana. This information has been prepared to help make your event as pleasant and profitable as possible.

Please take a moment to read this document. It may help identify potential problems that may arise due to the configuration and/or limitations of the theatre. **Please remember that all communication regarding the technical aspects of your production should be directed to Greg Garber 406-544-1967 or by e-mail: greg.garber@gmail.com**

STAGE

The theatre is a **proscenium** house. The opening is **32'-0** wide. It has a true arch, which is **24'-0** at center and **20'-0** by the leg. The upstage wall is not parallel to the plaster line;

remedied by the use of soft goods. The permanent apron extends 3'-1" below the plaster line with an attached 6'-0" extension over the orchestra pit. The stage floor is 3'-6" above house grade and access to the stage from the house is via a portable staircase on either side. Wing space is limited and has some obstructions (see accompanying ground plan). The stage left features a fire exit mid-stage. Stage right houses both the circuitry vault and the pin rail. The stage floor is in good shape. Dance companies may want to consider the use of a marley floor to minimize irregularities. There is one marley floor available locally from the University of Montana which must be arranged for well in advance. There is no built-in stage managers station or Clear-Com system so show control can be positioned virtually anywhere desired. There are recommended sites, which are traditionally employed and are quite serviceable. Crossover is accomplished behind an upstage black.

ORCHESTRA PIT

The **orchestra pit** is 1'-4" deep. It is a shell shape hidden beneath the extension, deepest at center (approximately 6'-0") and sweeping to approximately 2'-0" at the ends. The area of the pit is occupied by an installed Robert Morton pipe organ. **Use of the pipe organ must be negotiated separately.**

RIGGING

The stage is equipped with twenty-two lines. There are three counterweighted electrics. All lines are rigged as three point pick-ups with pipe batten spanning forty feet. The pin rail is on the deck, stage right. Effective operation of the rail requires the first four feet from the stage right wall be kept clear at all times. The grid is 50'-6" from the deck.

There is a 40' double hung truss flown 10' downstage. It has 4 socapex 6 circuit mults run to it. It is flown from (2) 1 ton motors.

Front of house positions are fixed pipe locations.

SOFT GOODS

There is a swaged deep blue drape and valence. Above that is a Tapestry main, which is flown. Above that is a gold traveler. All drapery controls are located stage right near the circuit vault, available for productions. The theatre has two full 12' x 32' black borders and four pairs of 8'-6" x 24' tall legs available for rental.

POWER

All electrical outlets throughout the theatre are standard household, grounded 15 Amp chord ends, and plugs (Edison). There is a **400-amp three-phase** service for touring production and house sound, **200-amp single-phase** for house lighting and a **transformer isolated 100-amp single phase** service. They are located in the downstage right wing just in front of the circuitry vault service or the use of a three-phase 400 amp service. The 400 amp service is on cam locks the other services are bare wire tie-ins and lug type plug-ins requiring the services of the theater's electrician. Please forward explicit requirements for power. *The theatre will be installing a new 200 amp 3 phase service in spring 09' to replace the single phase 200 amp service. The new service will be used for house lighting and touring lighting.*

LIGHTING/ ELECTRICS

The theater has a large inventory of ellipsoidal and par can lighting instruments as well as cable, gel and dmx console control available for rental (See technical equipment list).

There is additional inventory available from several local rental outlets. The Wilma stage, house, dimmers and instruments are wired with Edison plugs. All stage pin inventory brought into the Wilma must have Edison to stage pin converters. **Please forward explicit lighting requirements to Greg Garber by e-mail: greg.garber@gmail.com**

SOUND REINFORCEMENT

The theater has a large format EAW KF850 rig with 2 M7CL48s. Full Specs can be found in the technical section of this document. Promoters are required to rent the in house PA, unless artist is touring with their own production. **Please forward explicit lighting requirements to Greg Garber by e-mail: greg.garber@gmail.com**

LOAD IN

Load in to the stage is accomplished via a lift from lower street level up to stage level. The lift is located on the back wall upstage left. See area map for location of load in area. This requires prior arrangement with the City of Missoula to park a vehicle behind the building for loading. Small hand carried items can be brought in through the front of house on the Higgins Avenue street level.

STAGE HANDS

Stagehands are non-union, trained and qualified professional staff, which is available to run crew calls and provide lighting, sound or scenic design services as needed. There are no union requirements for any job classification associated with the theatre. Please consult attached tech Crew Rates for more information. All calls are 4 hour minimums. Crews are expected to be broken for meals or fed during long work calls.

DRESSING ROOMS

Downstairs from the stage is the dressing room. There is one main dressing room with a ½ bath. 1 smaller production/ support act dressing room. 2 full bathrooms with showers and a large open green room for catering or other needs.

FRONT OF HOUSE

The house seats **991 PLUS**. There is adequate space in the lobby for merchandising tables. Restrooms are located on the balcony level as well as downstairs from the lobby. The downstairs locations are accessible via elevator or stairway.

DIRECTIONS TO THE THEATRE

Principal approach from the **East** or **West** or **North** is along 1-90. If you are headed south on US 93 into Missoula, connect with 1-90 and continue east. From either direction on I-90 get off at the Van Buren street exit. Go south to Broadway and turn right. Continue to Higgins Avenue and turn left. The theatre is the last building on the right before crossing the bridge. The truck loading area is accessed by staying in the left lane on Higgins, turning left on Front Street and then right on the first street (Pattee). This will take you to the park level. At the end of the road turn right, passing under the Higgins street bridge. The load in area is located at the rear of the building.

From the South the principal approach is on US 93. Head north into Missoula. After the Reserve streetlight US 93 becomes Brooks. Stay on Brooks all the way into town. You will find yourself at a light with a high school in front of you and Higgins Avenue the cross street. Turn left and continue over the bridge. The first building on the left as you come off the bridge is the Wilma theatre. The truck loading area is accessed by staying in

the right lane on Higgins, turning right on Front Street (the first street after the river) and then right on the first street (Pattee). This will take you to the park level. At the end of the road turn right, passing under the Higgins street bridge. The load in area is located at the rear of the building.

RIGGING SCHEDULE 2008

THE WILMA THEATRE Missoula, Montana

There are **22 lines** in the Wilma theatre. There is a combination of counterweighted and hemp lines, the counterweighted lines being dedicated to the movie screen or electrics. The wooden grid is 50'-6 from the deck. The pin rail is on the deck as well and requires a certain amount of deck space be kept clear for the safe operation of the rail.

Line #__ Distance from Proscenium - comment

PLASTER LINE

- 1 1'-6" dead hung curtain
- 2 2'-10" 1st electric
- 3 3'-4" tapestry "butterfly" curtain
- 4 4'-6" gold traveler
- 5 5'-6" open
- 6 6'-3" movie screen masking
- 7 6'-9" movie screen
- 8 7'-5" border (can be changed)
- 9 8'-5" legs (can be changed)
- 10 10'-5" Work Lights
- 11 11'-10" 2nd electric
- 12 12'-6" 2nd Screen
- 13 13'-9" open
- 14 14'-10" open
- 15 16'-0" border
- 16 18'-6" legs
- 17 20'-8" 24 1k Par 64s
- 18 22'-9" 3 - Cyscs
- 19 23'-6" open
- 20 24'-4" open
- 21 25'-2" open
- 22 26'-2" black backdrop

Other: The theatre has a tomcat doublehung truss flown 10' downstage of the stage extension. The truss has 4 Socapex 6 circuit mults permanently ran to it.

WILMA THEATRE IN-HOUSE TECHNICAL EQUIPMENT LIST 2008

LIGHTING EQUIPMENT

- 48 – PAR64 1000 watt with Gel Frames
- 24 – 19 Degree Source Fours with Gel Frames
- 23 - 26 Degree Source Fours with Gel Frames
- 1 – 30' 4 circuit ground row with R, G and B roundles
- 4 – 36 Degree 750w incan. Ellipsoidal spotlights with frames
- 4 - 3 cell lanaro cyc floods
- 2 – 1200w xenon follow spots (\$100 rental per spotlight)

2 - 14" scoops with frames
30 - 30" work light bar with (7) 500w work floods
Various cuts of gel stock for source fairs and cyc floods (\$.50 per cut)
1 - 48/96 ETC Expression lighting console
24 - 2.4K ETC Sensor Dimmers
24 - 2.4K NSI Dimmers
1 - Leprechaun 12 channel, 2-scene preset dmx lighting console
2 - 6 channel (2)20amp circuit, dmx dimmers (3840 total watts each)
1 - 50' dmx cable
1 - 250' dmx cable
1 - 50' three-circuit 12ga. Multi cables
10 - 50' socapex six circuit multi cables
4 - 40' 14ga. Cables
1 - 75' 14ga. Cables
6 - 50' 14ga. Cables
12 - 50' 12ga. Triple-tap cables
10 - 25' 14ga. Cables
14 - 6' 14ga. Cables
12 - 3' triple taps
8 - Triple taps
4 - Female stage pin to Male Edison plug converters
12 - Female Edison plug to Male stage pin converters

SOFT GOODS

Quantity on Hand

4 Pairs 8'-6 wide x 24" tall legs
Full borders 12'-0 high x 32'-0 long

SOUND EQUIPMENT

FOH

Yamaha M7CL-48 Console
12 EAW KF 850 (6 per side)
12 EAW SB 850 (6 per side)
2 EAW JF80 (Centerfill)
Ramtech 54ch House Snake w/ 3 way split
Crown Macrotech Amplification
BSS Omindrive

Monitors

Yamaha M7CL-48 Console
4 EAW SM200ih
5 EAW SM222
4 EAW K695E (Sidefill/ Drum)
2 EAW SB600 (Sidefill)
Crown Macrotech Amplification (all monitors are biamped)
Ashly Crossovers

Microphones

4 Shure Beta 58A
3 Shure SM58
2 Shure SM81
3 Shure SM57
1 AKG D112

1 Shure Beta 52
2 Countryman DIs
2 Rane DIs

**Additional Microphones are available for rental. Please let us know your requirements*

Speaking Engagement PA

3 – JBL Eon 15” self powered speakers
2 – JBL Eon 10” self powered speakers
2 – Small Format Monitors
2 – JBL MPro 15” Subs with powered 12” tops.
1 – Mackie Self Powered 10 channel mixer

**Other equipment is available to the Wilma through special rental arrangements.
Please let us know if you would like further information on availability.**

**Please contact Marcus Duckwitz regarding theater rental.
(406)531-8346**