

**WILMA THEATRE**  
**131 S Higgins**  
**Missoula, Montana 59802**  
[www.thewilma.com](http://www.thewilma.com)

## **TECHNICAL SPECIFICATIONS 2012**

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 Marcus Duckwitz – tech@thewilma.com**

### **STAGE**

Please see the addendum stage plot. 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 8'-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 stage left. Wing space is limited and has some obstructions. The stage left features a fire exit mid-stage. Stage right houses both the circuitry vault and the pin rail. 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.

### **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. 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. 2 additional 200 amp three phase services are located in the basement of the theatre. 120 ft of feeder is needed to reach the additional services (1- 5 wire 4/0 feeder run is owned by the house).

### **LIGHTING**

Please see attached lighting plot for our current setup. Please note there are and additional 17 ellipsoidals in house positions in the balcony that are not shown on the plot. The plot and associated DMX addresses are changed periodically, so please check with us to insure all addresses are current before programming touring consoles. 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 Marcus Duckwitz by email: tech@theWilma**

## LIGHTING CONTROL

1 – Avolites Pearl 2000  
1 – 48/96 Expression console

### Lights

48 – PAR64 1000 watt with Gel Frames  
2 – DWE 4 Cell Blinders – 2.6k  
6 – Martin Mac 500 moving light fixtures  
1 – Coemar CF7 moving light fixture  
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 – 3 cell cyc floods  
2 – 1200w xenon follow spots (\$100 rental per spotlight)

### Effects

1 – Ultratec Radiance Hazer  
1 – High End Systems F-100 Smoke Machine

### Dimmers

24 – 2.4K ETC Sensor Dimmers  
18 – 2.4K NSI Dimmers  
24 – Lightronics 1.2k Dimmers  
2 – 4 channel 1.2k portable dmx dimmers

## SOUND REINFORCEMENT

The theater has a large format EAW KF850 rig. Promoters are required to rent the in house PA, unless artist is touring with their own production. **Please forward explicit sound requirements to Marcus Duckwitz by e-mail: Tech@TheWilma.com**

### SOUND EQUIPMENT

#### FOH

Yamaha M7CL-48 Console  
10 EAW KF 850 (5 per side) - Stacked  
2 EAW KF 855 (1 per side) – Stack Up Fill  
8 EAW SB 850 (4 per side)  
2 EAW JF80 (Centerfill)  
2 EAW KF695 Flown (Balcony Fill)  
Ramtech 54ch House Snake w/ 3 way split  
Crown Macrotech Amplification  
EAW UX8800 System Processor

#### Monitors

Yamaha M7CL-48 Console  
4 EAW SM200ih  
5 EAW SM222  
2 EAW K695E (Sidefill)  
2 EAW SB600 (Sidefill)  
1 EAW KF850 (Drum Fill)  
1 Meyer 650-R2 Dual 18" Sub (Drum Sub)  
Crown Macrotech Amplification  
All monitors are biamped  
Sidefills are powered 3 way  
Drum mix is powered 4 way

#### Microphones

2 Shure Beta 57  
6 Shure SM57  
2 Shure Beta 52  
3 Shure Beta 58A  
8 Shure SM58  
5 Shure SM81  
1 Shure Beta 91  
2 Oktavia MK012  
6 Sennheiser e604  
1 AKG D112  
2 Radial D2 Stereo Passive DIs  
4 Countryman Active DIs  
2 BSS AR133 Active DIs  
2 Rane Passive DIs

## LOAD IN

Load in to the stage for most shows 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. Larger shows with semis are generally loaded from the front of the theater on Higgins Ave. Shows with tractor trailers should be advanced at least 1 week out in order for proper parking authorization to be obtained from the City.

## **STAGE HANDS**

Stagehands are non-union, trained and qualified professional staff. Staff 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 contact the venue for current rates. All calls are 4 hour minimums. Crews are required to be broken for meals or fed during calls exceeding 4 hours.

## **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 **1000+**. There is space in the lobby for 4 merchandising tables. Restrooms are located on the balcony level.

## **DIRECTIONS TO THE THEATRE**

Principal approach from the **East** or **West** or **North** is along 1-90. If you are on US 93 coming 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 Ryman Avenue and turn south. Continue until Ryman ends into Caras Park. Continue straight into the park and turn left at the bottom of the hill. Upon turning left, the Wilma's elevator will be located directly in front of you at the back of the theater.

Parking of busses and trailers must be arranged in advance with the city. Usually parking spots can be obtained within a half block of the, however summer parking on Wednesdays and Thursdays can often be 2+ blocks from the theater.

# **RIGGING SCHEDULE 2011**

## **THE WILMA THEATRE Missoula, Montana**

There are **22 lines** in the Wilma theatre. There are three counterweighted electrics. All lines are rigged as three point pick-ups with pipe batten spanning forty feet. The wooden grid is 50'-6 from the deck. The pin rail is on the stage right deck as well and requires a certain amount of deck space be kept clear for the safe operation of the rail.

Front of house positions are fixed pipe locations.

There is a Tomcat 40' double hung truss flown 10' downstage. It has 4 socapex lines with 6 circuit each ran to it. It is flown from (2) 1 ton motors.

**Line #\_\_ Distance from Proscenium - comment**

## PLASTER LINE

- 1 1'-6" dead hung curtain
- 2 2'-10" 1<sup>st</sup> 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" 2<sup>nd</sup> electric
- 12 12'-6" 2<sup>nd</sup> 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" 4 3 cell - Cys
- 19 23'-6" open
- 20 24'-4" open
- 21 25'-2" full black
- 22 26'-2" open

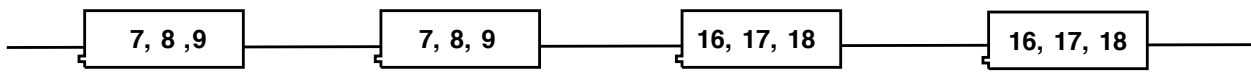
## SOFT GOODS

There is a swaged deep blue drape and valence. Above that is a Tapestry main, which is flown. All drapery controls are located stage right near the circuit vault, available for productions. The theatre has two full 12' x 32' black borders, two pairs of 8'-6" x 24' tall legs and full black 40' x 24' tall

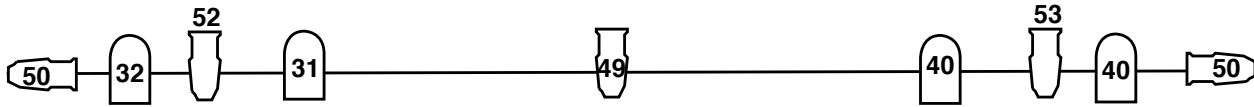
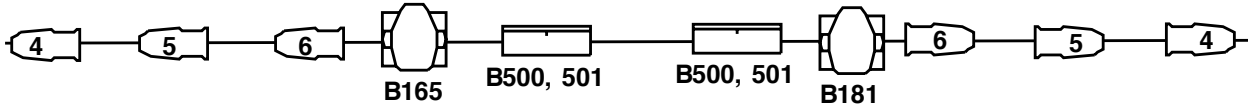
**Other equipment is available to the Wilma through special rental arrangements. Please let us know if you would like further information on availability.**

**Please contact Marcus Duckwitz regarding theater rental.  
Rent@TheWilma.com  
(406)531-8346**



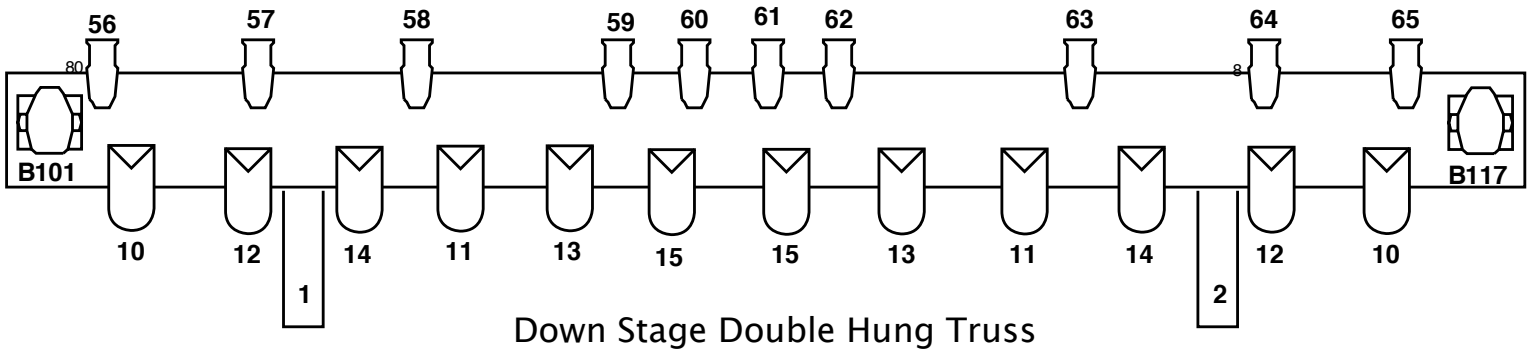


Ground Stack

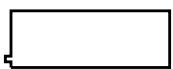


Proscenium

Hazer is B512



Down Stage Double Hung Truss



3 cell 1k Cyc



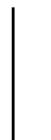
par 64 MFL



par 64 WFL



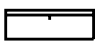
Mac 500



DWE Blinder



575w 26° S4



1500w Strobe

# Wilma Theatre - Stage Plot

