TECHNICAL INFORMATION
DAGGY HALL

PAUL C. WADLEIGH THEATRE

WSU Performing Arts
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CARPENTRY

Description: Wadleigh is a “black box” flexible space theatre with room dimensions of 60’x 60’, a complete 1 ½” pipe lighting grid on 4’-0” centers running longitudinally and latitudinally, a catwalk encircling 3 sides of the space, hardwired 20amp circuits throughout, plus a lighting and sound system

Seating: 144 seats; mounted in 4 rows on moveable risers; there are 6 tiered risers (24 seats per riser); the 1st row sits on the playing space floor

Stage Dimensions: 30’ wide x 31’-2” deep (in “thrust” config., w/ black velour traveler on the upstage side)

Proscenium: N/A

Wing/Backstage space: 8’x 58’ upstage of black traveler (the end of the catwalk is an obstruction SR), some storage area in the DS “voms” esp. DSR

Catwalk height: 8’-10”

Orchestra pit: N/A

Stage height: none (stage is floor level)

Stage Floor: OSB, painted black (“satin” finish), has been patched, no available traps; fasteners must be kept to an absolute minimum (sheetrock screws ONLY).

House Curtain: none

Legs: 3 black velour, 15’-1” H x 8’-0” W, flat sewn

Borders: none

Full Stage: 2 black velour panels, 15’-1” H x 19’-10” W, flat sewn, and hung w/ 18” overlap

Scrims: none

Cyclorama: none

Line Set Data: N/A

Pipe Grid: 13 - 1 ½” pipes running N-S and 10 running E-W; an 11th pipe carries a fixed traveler with 2 more E-W pipes running the width of the theatre backstage

Working height of Grid: 15’-6” to top

Battens: N/A

Catwalk gallery: on 3 sides, railing height is 3’-7” suitable for lighting equipment, ample circuits located at the outboard edge of all catwalks, 3-pin “pin-out” twist lock flush mount plugs (duplex boxes)

Pin rail: N/A

Support Areas: Green room, dressing rooms, makeup room with lighted mirrors same as those for the Jones Theatre (across the hall from large loading door, USL)

Crossover: U.S. of black velour panels between large loading door (SL) and fire exit door (SR)

Access: Actor access is from either door mentioned in crossover above (usually from SR); audience enters theatre from South end of main lobby through a “double” door.

Shop Area: Room 253, same as for Jones Theatre

Storage: same as for Jones Theatre

Notes: All loading doors from the freight elevator to Wadleigh Theatre are at least 10’W x 10’H and the hallway is 8’ W, but there are HVAC obstructions in the hallway leading to the theatre with a maximum height clearance of just 8’-0”.
LIGHTING

**Power:** 240V AC, 3 pole or 4SN pole, 400Amp; dimmers are patched via standard 3-pin Edison plugs; all house circuits are 3-pin twist lock connectors, tie-in by WSU Facilities Operations ONLY.

**Dimmers:** 36 Entertainment Technology IPS-DS-1206, 1.2 kW (no spares available)

**Control Board:** Entertainment Technology AccessPro, located on House Right side of main catwalk; has DMX512 output, 2 DMX nodes located at either end of the main catwalk

**Houselights:** Wall-mounted sliders in 2 locations: USL near loading door and on main catwalk directly behind the light board’s fixed position.

**Circuits:** 152, 20A, 3-pin “pin-out” twist lock flush mount plugs; 80 CKTS distributed above the grid, 52 along the catwalks, and 20 floor pocket circuits; CKTS clustered in groups of 4 as fixed plugging boxes/pockets.

**Circuit Chart:** See .pdf attachment

**Front of House Transfer:** N/A

**Front of House Positions:** Equipment hangs no more than 8'- 9’ above the average performer’s head; flat angle front or back light will cause unwanted spill into the audience front rows

**Equipment Inventory:** All instruments have 3 pin twist lock, “pin-out” connectors

**Stage Instruments:**
- 4 Altman 3.5Q x 10 Ellipsoidal, 500W
- 20 6” Altman 65Q Fresnels, 500W, 7.25” frame
- 8 6” Electro-Control Fresnel, 500W, 7.25” frame
- 10 4½” Electro-Control ERS, 500w, 6” frame (shared with Jones Theatre)

**Followspot(s):** 1 Strong Trouperette, 1kW, position is C of main catwalk

**Hardware:** Same as for Jones Theatre

**Cable:** same as for Jones Theatre, 12 AWG/ SO, 3 pin twist lock “pin-out”, 6 twofers (cable is shared by both theatres)

**Film, Video, And Projection Equipment:** 1 Mitsubishi EX100U DLP Multimedia Projector, 2000 lumens, 1024 x 768 XGA resolution

**Notes:** Listed stage instruments easily accomplish a 3-point, 9 acting area “rep” plot in the space.
Lighting angles from the grid need to stay 45 degrees or steeper so as not to blind the 1st row of audience sitting at stage (floor) level.

SOUND

**Power:** Same as for Lighting

**Wiring:** quantity and location of all inputs and outputs; note any special requirements for cable runs

**Control Locations:** mixing board is House Right on the main catwalk adjacent to the lighting; use of 100’-200’ snake is typical.

**Hearing Assist System:** unknown

**Monitor/Paging System:** None

**Production Communications:** 2 Motorola CLS 1410 Talkabouts (wireless)

**Equipment Inventory:**

**Mixing Consoles:** 1 Electro-Voice 61 PMX Power Mixer, 6 inputs (either XLR/1/4” phone), 1 main
output (mono), 1 monitor output (mono)

**Fixed Speakers:** 2 JBL Control 28 loudspeakers, 175W continuous power capacity, grid mounted

**USC Portable Speakers:** Same as for Jones Theatre

**Microphones:** Same as for Jones Theatre

**Playback:** 1 Denon DN-1800F Dual CD Deck, cable for i-Pod input

**Signal Processors:** None

**Amplifiers:** None

**Cable:** Shared with Jones Theatre

**Notes:** WSU Wireless network is available with a secured access throughout the Wadleigh Theatre