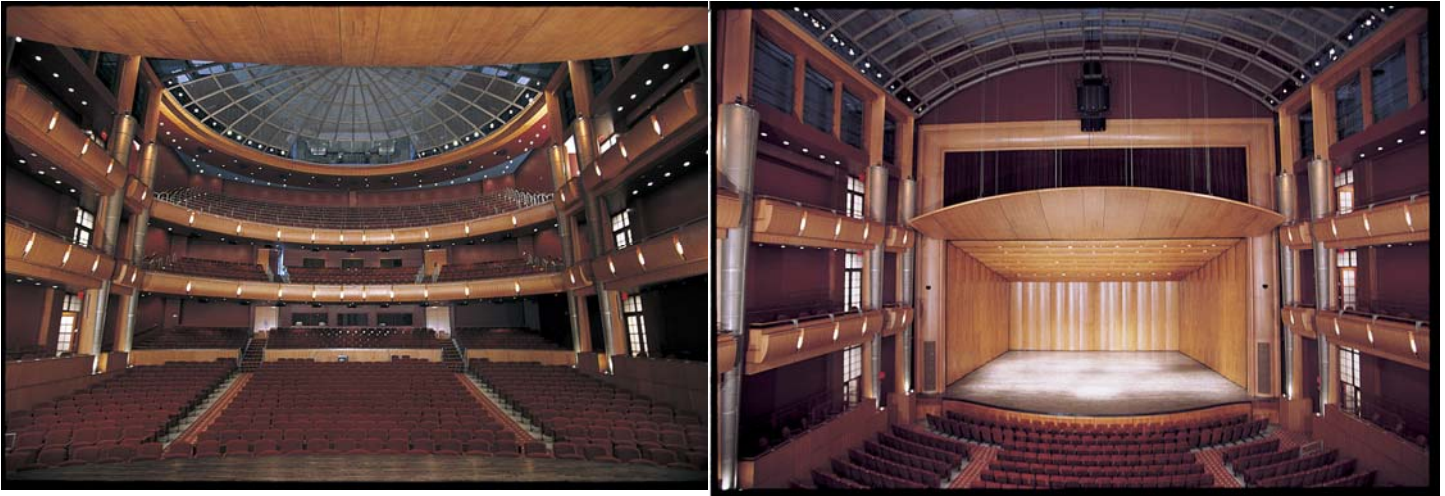

ANHEUSER-BUSCH PERFORMANCE HALL



The Anheuser-Busch Performance Hall is a 1600-seat roadhouse. The Hall is designed to accommodate Broadway musicals, opera, rock and pop concerts, entertainers, symphonies, chamber groups, presentations, and meetings. The stage has two main configurations, theatrical with full rigging, lighting, and sound support, and orchestral with a full acoustical shell.

MAIN LOADING DOCK AND ACCESS

Refer to location directions earlier in this document. Once you have turned left at the stop sign, continue around the General Services Building and go under the bridge (clearance 15' 4"). Pull to the left after passing under the bridge and back into the dock. There are three receiving doors. Dock height is 4' above the ground. Dock #1 and #2 have dock levelers and Dock #3 has an elevator from ground to dock height (84" w x 60" d, capacity 5000lbs).

The loading doors are 84" w x 105" h.

Shore Power is provided by a 100 AMP and a 60 AMP disconnect located in the dock receiving area. A 50' cable run is required from the dock face to the company switches.

The interior receiving area is approximately 46' w x 24' d. There is a large (11'9" w x 20' h) pass through door from the receiving area directly onto the stage right wing. Pass-through doors to the dressing rooms lead off to the right from this area with a door portal of 60" w x 83" h. This is typical of passage hallway doors in the building. A service elevator provides access to the second and third floor dressing rooms and wardrobe areas. The elevator door portal is 72" w x 83" h and the interior box is 87" w x 67" d x 100" h. The elevator has a 5000lbs lift capacity. To the left of the receiving area is access to the main catering prep area and the lower lobby. There is a catering lift that is 80" w x 120" d with a 4000lbs capacity that allows access to the main floor, one-half floor up.

ROAD POWER: Stage Right Wing: 4 – 400 AMP, 1 – 200 AMP (Sound Power)
Dock receiving area: 60 AMP, 100 AMP (Sound Power)
Trap Room: 100 AMP (Sound Power)

PROSCENIUM: 56' wide x 30' high
Normal playing width is 38'6" inside leg to inside leg

**VARIABLE
TORMENTORS:** Portal opening between 56' to 28' wide

- Screen covered with black velour
- Each panel is 6' w x 30'6" tall with velour legs hung directly upstage for additional masking
- Top of tormentors may be closed in by border #1

Anheuser-Busch Performance Hall Technical Specifications

STAGE: 9' from front edge of pit to fixed stage edge (CL)
 2' from fixed stage edge to plaster line
 47' from PL to rear wall
 17" from PL to house curtain
 10" from PL to 1st usable line set (#1)
 42' 7" from PL to last line set (Cyc)
 60' from CL to SR wall
 46' from CL to SL wall (43' CL to locking rail)

FLOOR: Sprung hardwood maple, stained black
 Stage deck to auditorium floor: 3'6"
Note: Nothing shall be nailed, screwed, lagged, or bolted to the stage floor without prior consent of the Stage Supervisor. All lag bolts must not penetrate the deck more than 1.5" be high strength and pre-drilled. Renter will pay for materials and labor to have the house plug and repair the floor.

DANCE FLOOR: Harlequin Cascade, black, 7 rolls, 6'6" wide by 64' long

ORCHESTRA SHELL: Comprised of 4-33' tall towers, 6-24' tall towers, and 3 ceiling pieces.

- Full shell configuration is 56'w x 30'h (front) 47'w x 20'h (rear) depth from PL is 37'
- Two-Third shell configuration is 23'w x 24'h (rear) depth from PL is 26'
- One-Third shell configuration is 20'w x 28'h (rear) depth from PL is 14'

The shell is also supported by a FOH reflector that can play at multiple heights and angles.

PIANO: Steinway 9' Concert Grand Piano

ACOUSTICAL PANELS: There are a series of acoustical panels and drapery that can be deployed in the house to alter the reverberant sound.

APRON / PIT: 9' from front edge to fixed stage edge (CL)
 53' at widest point
 Pit floor when at orchestra level is 53'w x 15'd
 Manual platforming may be removed to increase pit into house to overall dimension of 53'w x 21'd
 Pit lift allows a variable depth from flush with stage to 16' below stage deck level
 8' from stage or orchestra level
 Spiralift speed – 6 ft per minute
 Lifting capacity – 21,000 lbs (58,000lbs even static load)

RIGGING

GRID: Clear grid system, most rigging is suspended above gridiron from overhead beams
 Bottom of gridiron at 76' 6" from stage floor
 Top of gridiron at 77' 6" from stage floor
 Bottom of overhead rigging beams at 85' from stage floor

FOH RIGGING: There is an attic space above the house that provides access to structural beams for rigging. 32 pass through points permit FOH rigging to pass through finished house ceiling. There are two points at each position.

From PL	HR	HCR	HC	HCL	HL	Far HL
12'	24'	12'	0	12'	24'	-
28'	25'	13'	0	13'	25'	-
44'	25'6"	13'6"	0	13'6"	25'6"	34'

LINE SETS: Battens are schedule #40 1-1/2" pipe at 63' in length
 Batten high trim 75' 6"
 low trim 4'

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59 single purchase counterweight line sets on 6" centers, arbor capacity at 1450 lbs
(see separate line schedule for position and rep hang)
4 Transverse line sets that run US-DS over both wings, 39' in length
Deck level locking/running rail (SL)
Mid loading rail at 30' (SL)
Grid loading rail at 69' (SL)
Pin rail at 30' (SR and SL)

PICK POINTS: There are several single-sheave points installed on either side of the stage for hoisting cable.

DRAPERY: See line schedule for rep placement:

- 1 - Main house curtain, w/ fullness, burgundy
 - Motorized variable speed guillotine
 - Manual travel
- 1st Border, black, sewn flat, 12'h x 63'w
- 4 - Border, black, sewn flat, 8'h x 63'w
- 8 - Legs, black, sewn flat, 30'h x 12'w
- US traveler, black, sewn flat, 30'h x 65'w
- Mid traveler, black, sewn flat, 30'h x 65'w
- Black scrim, 29'h x 58'w
- White Cyclorama, 29'h x 62'w
- 2 - Panels/tabs, black, sewn flat, 30'h x 35'w
- 3 - Alternate legs, black, sewn flat, 30'h x 10'w

LIGHTING

The lighting system is flexible and robust with a total instrument count of over 350 units. A custom plot can be installed per client specifications. Instrument inventories and other lighting details can be found at www.touhilltech.org

LIGHTING CONTROL: Strand Light Palette 550i with 54 Submasters
Ethernet based lighting network
570 Entertainment Technology IGBT dimmers

- Capio IPS-CM-HP-20, 2400w

Pathport DMX distribution system is deployed throughout the theatre.

- House owns 8 output and 2 input Pathport nodes

THROW DISTANCE: Distance and angle from 6' above CL at PL

- Spot booth: 96' at 30 degrees, 82' out from PL, 54' up from deck
- FOH beam (68' wide): 70' at 50 degrees, 46' out from PL, 59' up from deck
- Second balcony: 74' at 18 degrees, 70' out from PL, 29' up from deck
- First balcony: 66' at 9 degrees, 65' out from PL, 16' up from deck

FOLLOW SPOTS: There are four Lycian 1290XLT 2K xenon spots in the spot booth at the back of the theatre. The booth has very limited access through catwalks and up vertical ladders. Placing of additional spots is not recommended.

SOUND

CENTER CLUSTER: 3-EV XI-2153/64

LEFT & RIGHT CLUSTERS: 3 - FRX-940 per side

STAGE LEVEL FILL: Left and right stacks behind screens in proscenium at stage level
Top cabinet EV XI-1152/64
Bottom cabinet EV XI-1152/94
Subwoofer Bag End DBL 18"

UNDER

Anheuser-Busch Performance Hall Technical Specifications

BALCONY FILLS:	27 - Bag End and EV cabinets
FRONT FILLS:	5 – EV XI-1082
SIGNAL PROCESSING:	Klark Teknik DN 9848
AMPLIFIERS:	Crown Macro-Tech
HOUSE MIX POSITION:	58' from plaster line Pit dimensions are 13'6" w x 6'd (floor is 2' below auditorium floor)
SNAKE RUN:	Center stage to house mix: 140' Center stage to booth: 180' Exterior dock to center stage: 70'
ANALOG MIX BOARD:	Soundcraft K2 <ul style="list-style-type: none">○ 48 channel○ Mono, Left and Right Mix○ 8 groups, 8 aux sends○ Two monitor mixes available from FOH via aux sends
OUTBOARD GEAR AT FOH MIX POSITION:	Processors: <ul style="list-style-type: none">● Lexicon MPX1● 2 - Yamaha SPX990● 6 - Channels BSS Comp Digital EQ: 8 channels Ashly Protea System II 4.24G /w Remote Playback: <ul style="list-style-type: none">● Marantz PMD331 CD player
MONITOR SYSTEM:	Crest XR-20 mixing console, 16 in x 6 mix, Cue, Stereo side fills Tascam MD-350 Minidisk Marantz CD player 8 channels of digital graphic EQ, Ashly Protea System II 4.24G Amps: Crown Macrotech 24x6/w PIP 12 – EV T22IM Bi-amped wedges 3 – EV Xi-1152/64 Bi-amp / Side-fill / Drum Fill 4 – SB 180 Subs
PRODUCTION COMMUNICATION:	Production Communication is provided by a 4-channel Clearcom PL Pro RM-440 system. <ul style="list-style-type: none">● 10 Belt packs● 4 TW-30 lightweight headsets● 8 Single muff headsets● 2 Double muff headsets● 3 Blazon flashers● 3 HS6 handsets● 1 TW-40 two-way radio interface
BACKSTAGE PAGING & AUDIO MONITOR:	An audio stage monitoring system provides stage program to most parts of the building including all dressing rooms. Audio paging is available from room 135 and all SM panels.
VIDEO MONITOR:	CCTV is distributed throughout the building. Each theater is on its own channel. A color camera mounted in the theatre feeds channel 4.
VIDEO TRUCK	

Anheuser-Busch Performance Hall Technical Specifications

INTERFACE: 6 – Video lines run from the Control booth patch bay to the loading dock
 ALL four com channels are available
 6 – Audio Lines run from the Control booth to the loading dock

SM PANEL: A full SM desk with video stage monitor, master com station, and backstage paging can be connected in the lighting booth, sound mix, backstage left or backstage right. A smaller portable desk is also available without the video monitor.

Additional audio information can be found at www.touhilltech.org