

# HAMMER

BILLY WILDER THEATER TECH SPECS

HAMMER MUSEUM

Los Angeles

[hammer.ucla.edu](http://hammer.ucla.edu)

# BILLY WILDER THEATER

## SCREEN

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White Stewart Ultra Matte 130 (1.3) gain, perforated for audio  
Screen Size: 15.5' x 37'

Distance from projection booth is approximately 64.5'

4-Way Masking (independent left/right, joined top/bottom)

## STAGE

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Stage Size: 16' deep and 30' wide

Black oak floor covered with removable 3ft carpet squares

## SUPPORTED FILM PROJECTION

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- 16mm Mono Optical and Magnetic
- 35mm Mono Dolby Digital, DTS & 4 Track Magnetic
- 70mm DTS & 6 Track Magnetic
- Front Projection Only
- Rated for Nitrate

## VIDEO DISPLAY & PROJECTION

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- Dolby Integrated Media Server IMS3000
- Christie CP2215 DLP DCP Projector
  - Native Resolution: 2K (2048x1080)
  - Lumens: 15,000
  - Contrast: 2,000:1

## BOX OFFICE & LOBBY MONITORS

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- Resolution: 1920 x 1080
- Media Format: JPG, MP4 (H.264)

## SUPPORTED VIDEO PLAYBACK

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- DVD: PAL/NTSC Regions 0-6
- Blu-ray: PAL/NTSC All Region A, B, C

## COMPUTER VIDEO PLAYBACK

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- Max computer resolution from stage, podium, and projection booth: 1920 x 1080
- Inputs: HDMI, SDI
- Keynote, PowerPoint, QLab 5

## LAPTOPS

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### 1 x 2021 MacBook Pro 16"

- Apple M1 Max chip with 10-core CPU and 32-core GPU
- 32GB unified memory

### 2 x 2019 MacBook Pro 15"

- 2.3GHz 8 core 9th generation Intel Core i9 processor, Turbo Boost up to 4.8GHz
- 32GB 2400MHz DDR4 memory
- Radeon Pro Vega 20 with 4GB of HBM2 memory

## LIGHTING

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- Fixed overhead array of Par 38s that are permanently assigned to zones for stage lighting
- LED Par 38s and strips for house lighting
- 12 x ETC ColorSource Spot jr
- 4 x ETC ColorSource Spot V
- ETC ColorSource 20 Console

## AUDIO & RECORDING

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- Dolby Digital Cinema Sound Processor CP650
- QSC Q-SYS DCIO Digital Cinema Input/Output
  - Dedicated 7.1 system separate from live front of house audio PA
- Front of house PA system
  - 2 x EAW Passive 2-Way Full-Range Speakers
  - Midas M32 40 Input-Channels Mixer (rear of house right)
  - Behringer X-LIVE Expansion Card SD Card Recorder
  - Marantz PMD661 Portable SD Recorder

### - Additional speakers available upon request:

- 6 x QSC KW122 Powered Speakers
- 3 x JBL PRX512M Powered Speakers
- 6 x Mackie SRM350v3 Powered Speakers
- 2 x QSC KW181 Subwoofers
- 2 x RCF EVOX JMix8 Active Two Way Array Music System

## INSTRUMENTATION & MICROPHONES

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- Yamaha YDP-223 Upright Digital Piano with Bench
  - 88-key hammer weighted, built-in speakers, and 1/4" stereo unbalanced out
- 9 x Whirlwind and assorted DI
- 7 x SM-57 (2 x Beta) Microphones
- 9 x SM-58 (3 x Beta) Microphones
- 5 x SM-81 Condenser Microphones
- 4 x Rode NT5 Compact Condenser Microphones
- 1 x AKG D112 Bass Microphone
- 2 x Shure AD4Q (quad) Wireless Digital Receivers
- 8 x Shure Axient Digital KSM8 Wireless Microphones
- 4 x Shure Axient Digital Lavalier Microphones
- 4 x Countryman Microphone Headsets
- 4 x Shure Axient Digital AD1 Bodypack Transmitters

## PRESS AUDIO FEEDS

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- Dedicated XLR feeds rear of house center
- All audio feeds are single channel (summed) mono signal