

**WORTHAM THEATER CENTER
ALICE AND ROY CULLEN THEATER
SOUND INVENTORY**

SOUND SYSTEM (Cullen)
The main PA system consists of a center cluster, left & right, upper & lower stacks, front fills and sub woofers. The system was designed to be highly flexible to accommodate a variety of events from corporate meetings to classical ensembles to jazz concerts.
CONSOLE
1 Yamaha CL5 w/ 40 channels (Focusrite Rednet MP8R)
Main L/R STACKS
4 Meyer CQ-1 Powered Speakers (2 per side)
CENTER CLUSTER
8 JBL Low Frequency Woofers
2 JBL Horns/Drivers
4 Renkus Heinz Horns/Drivers
SUB WOOFERS
2 EAW SB528ZR
FRONT FILLS
3 EAW JF80z
STAGE MONITORS
see Monitor Mix
HEAD END
1 BSS Soundweb 806 Blu w/ Dante Interface
1 Tascam DV-RA1000HD Hard Disc Recorder
2 Denon DN-700C CD player
1 Denon DN-600F CD player
2 Windows PC's running Dante Virtual Soundcard
1 Denon DBT-1713UD Universal A/V Player

STAGE MANAGER CONSOLE (Cullen)
The stage manager's console is equipped with a variety of independent systems that allow voice & visual communication throughout the backstage & control room areas to stagehands, artists, musicians, wardrobe personnel, etc. It is the responsibility of the User Group to provide a stage manager for their event.
Clearcom Intercom System (20+ stations)
Tempest 2.4GHz Wireless Comm System (6 packs)
Conductor & FOH Closed Circuit Video Monitors
Dressing Room Paging System
Live Show Feed System
Cue Light System

MONITOR MIX SYSTEM (Cullen / Brown)
This system is configured to support most events in need of an onstage monitor mix. The console is capable of mixing up to forty microphones independently to eight separate outputs. The freq. response of each output can be precisely adjusted. Use of this system requires an additional WCOC approved sound technician.
CONSOLE
1 Yamaha PM5D 48/4 Channel (non-recall head amps)
SUPPORT EQUIPMENT
8 QSC PLX-2502 / 3602 Power Amplifiers
MONITORS
8 Martin Audio LE100 12" wedges
6 Martin Audio LE200 15" wedges
2 Sidefills (EAW KF400 stacked on EAW SB528zRi Subs)
IEM System (PSM1000)
2 Shure P15T Dual Transmitters
4 Shure P10R Recievers
**** No Molds ****

MICROPHONES & DI's (Cullen / Brown)	
4 / 5 Crown PCC-160	10 / 0 Shure SM-57
1 / 0 AKG D112	4 / 0 Shure Beta 57
1 / 0 Sennheiser e902	7 / 4 Shure SM-58
1 / 0 Shure Beta 91	3 / 0 Shure Beta 58
5 / 0 Beyer M88T	2 / 0 Electro-Voice RE-20
4 / 0 Sennheiser 421	8 / 0 Shure KSM 137
2 / 0 Sennheiser e906	2 / 0 Shure Beta 87 A
4 / 0 Sennheiser 835	0 / 7 Shure SM-81
5 / 0 AKG C-414B P48 (3 gold face, 2 silver face)	
2 / 0 AKG C747 Mini Shotgun Condensors	
11 / 4 BSS Audio AR133 Active DI Box	
2 / 0 Countryman Type 85 Active DI Box	
6 / 0 Countryman E6 Headworn Lav (beige)	

WIRELESS MICROPHONE SYSTEM (Cullen)
This system is a "state-of-the-art" system with flexible frequency ranges which can be quickly adjusted in the event of interference problems. Use of any portion of this system requires an additional WCOC approved sound technician.
10 Shure UR4D Dual Channel Receivers (20 chan. total)
10 Shure UR1 BodyPack Transmitters
10 DPA 4061 Lavalier Microphones
10 Shure UR2/SM58 Handheld Microphones
5 Beta 87A Capsules for above Handhelds
2 Shure UA845-US Antenna Distribution Systems
RF mics can be monitored at FOH PC, using Shure Wireless Workbench 6.

The sound equipment listed above, specifically the Monitor Mix & Microphone Inventory, may not be available depending on their use in the Brown Theater. Due to the close proximity of the Brown Theater, Cullen Theater and the Grand Foyer, a sound decibel level of **87 DB** is strictly enforced by WCOC and by City of Houston Ordinance.