

# Audio/ Visual

Department Contact: Jack Hayback ~ ext. 2841 ~ audio@cerritoscenter.com

## Power:

All transformer isolated

200A, 120/208V, 3-phase, 5 wire **upstage right**

200A, 120/208V, 3-phase, 5 wire **under stage right**

200A, 120/208V, 3-phase, 5 wire **under first balcony House Left near F.O.H. mix position**

All locations are camlok outs w/ disconnect switch

## House Mix and Processing

### House Mixing Desk

Yamaha PM10, 88 inputs– located at House Mix position

### House Mix Position

Rear center of Orchestra Section in front of balconies on variable-height lift. House equipment sits on air-castered wagon and can be easily cleared to make space for road equipment.

**Dimensions:** 18' wide by 8' 6" deep

### IR Audience Listening System

By Sennheiser, available from front of house staff in lobby.

### Paging

Available to all dressing rooms and backstage areas, controlled from Stage Manager's Desk



View from FOH ~ Arena



View from FOH ~ Lyric

### Stage Manager's Desk

Mobile, with connections available Stage Left or Right. Equipped with intercom, house/work light controls, backstage paging and stage video.

### Show Communication

(12) Clear-Com wired beltpacks with headsets are available at key locations

(8) Clear-Com Free Speak wireless beltpacks and headsets

### Show Video Relay

Supplies video program to front of house and backstage areas

### Show Audio Relay

Supplies audio program to front of house and backstage areas

## House Speakers (systems vary with building set-ups)

### Flown Line Array Left/Right: (Arena and Lyric Configs)

(12) Per side Nexo GEO D ~ See picture above and bottom of next page

### Subs and Fill on Floor: (Arena Config ONLY)

(2) Per Side Nexo GEO Sub – 2 Per Side Nexo CD 18

(1) Per Side Nexo GEO D on top of GEO Subs

(4) Meyer MSW Subs

### Center Cluster: ( Lyric Config ONLY)

(8) Meyer MSL-2 bi-amped cabinet (flown 4 under 4)

### Front Fills:

**Arena:** (4) total Yamaha IF2205

**Lyric:** (8) Bose FRS-1 front fill speakers

### Upper Balcony Cluster (delayed):

(4) Total Yamaha IH2000 High/Mids

### Enhancement Zones (delayed):

(22) Bose FRS-5 - Under mid/lower balcony

Front fill\* - 8 Bose FRS-1 front fill speakers

\* Main Center Cluster, Side Stacks and Side Flow are set up appropriately for each particular theater configuration. (Lyric, Drama, In-The-Round, Arena, Concert and Cabaret).

ALL SYSTEMS DRIVEN BY: Yamaha DME64

## Mic Lines and Splitters

### House Snake System:

57 line split to key locations in the House (FOH, Monitors SL & SR, Isolation Booth & Truck split)  
Remote recording tie in at the loading dock, & 2nd floor control / amp room.

## Monitor Equipment

**Console:** YAMAHA PM7

**Speakers:** (12) Nexo 45N12  
(18) Yamaha IF2112M (Active) - Wedge Monitors (12"x 2")  
(2) Yamaha IF2115 (Active) - Wedge Monitors (15"x 2")  
(6) Yamaha IF2108 (Passive) - Wedge Monitors (8"x1")  
(9) Yamaha NXAMP 4x4 Power Amps  
(4) Yamaha IF3115 – Full Range Side Fills  
(1) Yamaha IS1118 – Drum Sub

**In Ears:** (4) Shure PSM1000 (Artist to provide ear buds)  
(4) Sennheiser Receivers (Artist to provide ear buds)

Contact the Audio Department for all additional audio requirements.

## Microphones

(12) AKG C460 EB Cardioid Condenser Pre-Amplifier	(1) EV-Re20 Dynamic
(4) AKG C414B FET Condenser; large diaphragm, 4 selectable patterns	(5) SENNHEISER 421 Dynamic Microphone
(2) AKG C567E Lavalier Condenser	(12) SHURE SM58 Dynamic
(4) CROWN PZM-6LP Pressure Zone Microphone	(12) SHURE SM57 Dynamic
(4) NEUMANN KMR 82i Shotgun Condenser	(3) SHURE Beta 58 Dynamic
(5) Audix OM-5 Dynamic	(3) CROWN PCC-160 Boundary / Area Microphone
(1) AKG 535 EB Condenser	(18) Direct Box
(2) Shure Beta 87 Condenser	(2) Shure Beta 97
	(6) Shure Beta 98

## Wireless

(12) Shure AD40 RF Combo Systems  
(10) Shure UHF-R RF Combo Systems  
(10) Beta 87 Capsules  
(10) SM 58 Capsules  
(6) Shure KSM-9 Capsules

Accessories Include:  
cables, stands, suspension mounts, boom arms, direct boxes, etc.

Contact Audio Dept. with mic input list and additional requirements. All Mic inventory subject to change.

## Video Equipment

2- Christie Digital Roadster WU14K-M DLP Projectors; 1920x1200 Hanging Position on the front of the Gold Level Balcony rail; 4.1-6.9 lenses allow for house screens to hang in most configurations- Double stack available; Hard line SDI, power and Network installed to hang location

2- 21'w x 16'h; 16:10 Fast Fold Truss Front projection screens

Blackmagic ATEM Television Studio Pro HD  
Blackmagic Smart Hub 12 x 12  
Blackmagic Web Presenter  
Blackmagic ATEM Television Studio HD  
4- 32" NEC Displays  
2- 60" LG Display w/ 6' floor stands  
2- Macbook Pro laptops w/ Keynote and Playback Pro  
Windows 10 Thinkpad w/ Powerpoint

Misc SDI Distribution amplifiers, HDMI/SDI convertors; Decimators; SDI and HDMI Cables



### View Showing Arena Line Array

Same cabinets for Lyric, just in different position

### View Showing Projector Hang Location

& see picture pg 9

