



## **AUDIO, LIGHTING & VIDEO DISPLAY SYSTEMS SPECIFICATIONS**

*Clients are highly encouraged to review the "Audio Visual Services Privileges & Limitations" published in the "Meetings" portion of our website.*

### **PACIFIC ROOM MULTIMEDIA SYSTEM**

The system has been installed assuming that the focus of activity will be on the stage or house floor on the south end of the room directly in front of the stage. Central control for the system is in the sound booth along the north wall of the room. Fluorescent house lights are dimmable from 5% - 100% and are controlled either from backstage or sound booth.

Following is a partial list of Pacific Room system features & capabilities:

- Two 12' retractable front projection screens
- Ceiling-mounted 4K HD camera for presenter/speaker magnification
- Ability to display any compatible video source(s) on left, right, or both screens
- Three HDMI computer inputs for client machines: one onstage, one in the tech booth, one utility.
- Input from, & output to outside video contractors or client-supplied recording device (HDMI only)
- iMac computer loaded with MS Office Suite including PowerPoint and Apple Keynote.
- Universal remote control for PowerPoint or similar slide show software.
- Adaptors & cables for most devices & applications, including Macs & iPads (limited quantity).
- Audio system & microphone selection designed to accommodate all genres of music including a cappella voice or solo instrument, choirs, acoustic ensembles, and electric bands/worship teams.
- Audio feed to Necanicum Room, first floor pre-function areas, and Seaside/Riverside rooms, as well as house audio fill for the mezzanine areas when used for overflow seating.
- Lighting system can be configured for most applications & activity at the *south* end of the room or onstage..
- Upload connections for webcasting. This connection is for contractors and clients that bring their own computer gear intended for that purpose.

### **NECANICUM ROOM MULTIMEDIA SYSTEM**

The Necanicum Room has been fitted with an audio system complimented by dual twin-screen projection systems that can accommodate virtually any room configuration.

Following is a partial list of Necanicum Room features and capabilities:

- Four 10' retractable front projection screens (2 on east wall, 2 on south wall) paired with 8000 lumen laser projectors.
- HDMI video input
- Ability to configure system as 1 large room with head table located either along the east windows or south wall, or as two rooms with head tables along the south wall.
- 16 channel digital audio mixing system with ceiling-mounted speakers.
- Calibrated audio fill from Pacific Room for use as overflow seating.

## **RIVERSIDE ROOM MULTIMEDIA SYSTEM**

The Riverside Room has been fitted with an audio system complimented by a three-screen projection system that can accommodate virtually any room configuration.

Following is a partial list of Riverside Room features and capabilities:

- Three 10' retractable front projection screens paired with 6600 lumen laser projectors.
- Blackout projection screens to promote client media security. (No-see or image bleed to/from outside)
- HDMI video input
- Ability to configure system as 1 large room, 2 rooms, or 3 rooms.
- Ability to route any HDMI video source to any/all projector(s) within a space.
- 16 channel digital audio mixing system with ceiling-mounted speakers.
- Audio send from Pacific Room for use as satellite seating.

## **SEASIDE ROOMS**

The Seaside Rooms are fitted with simple direct-connect projection systems in the A & C spaces only. Following is a partial list of Riverside Room features and capabilities:

- Input via HDMI, VGA + 3.5mm TRS audio, or CV + RCA L/R audio.
- Audio follows video selection
- (2) mic inputs in SEASIDE A; (2) mic inputs in SEASIDE B; (1) mic input in SEASIDE C.
- Ceiling-mounted speakers.
- Can be configured as 1 room, 2 rooms, or 3 rooms.

***PLEASE NOTE: Fog & haze machines are prohibited from use where Convention Center projectors are in service.***

## PACIFIC ROOM AUDIO SYSTEM

### Specification:

The audio system has been engineered and optimized specifically for the Pacific Room, with components chosen to be friendly with most technical riders.

The speaker system is comprised of two (2) line array clusters flown in a left/right, true stereo configuration. Each array consists of eight SLS LS6500 enclosures complimented with one SLS 215EL subwoofer flown side-by-side and located as to optimize room coverage while minimizing sight line obstructions. In addition to the flown subwoofers, there are an additional pair of JBL subs located under the stage, positioned at floor level which can be incorporated into the system for clients desiring additional low-end coverage. The components are racked together offstage left.

The Pacific Room audio system is scheduled for major upgrades in late 2022.

***CAUTION:*** The audio system can deliver sound pressure levels that are known to cause permanent hearing damage. Venue staff will only operate the audio system within safety parameter guidelines set forth by OSHA.

### Speakers & Amplifiers:

16	SLS LS6500 6.5" + PRD500 Planar Ribbon Transducer, 110 degree, flown 8 per side
2	SLS 215EL 2x15" Subwoofer, 1 per side, flown
2	2x15" Subwoofer; JBL Cabaret Series, 1 per side mounted under stage
1	QSC CX254 for Highs
2	QSC CX502 for Midrange
2	QSC CX702 for flown Low/Sub
1	Crown Micro-Tech 1200 for floor Low/Sub
1	QSC RMX1450 for Center Fill (left channel only); right channel available for miscellaneous use

### FOH Console:

Allen & Heath GLD112 Digital Mixing System

### Outboard, Drive & Processing (stage rack):

1	Architectural Acoustics Digitool MX Speaker Management system
1	Allen & Heath MixRack AR2412 Main AudioRack
1	Allen & Heath AR84 Expander
	a. Allows for 32 input channels and 16 output channels on stage.

### NOTE:

(1) All FOH gear, including the console, is racked together as a permanent installation located in the sound booth. ***Re-patching any portion of the house or monitor systems is not permitted for any reason by clients or their outside contractors.*** Venue staff can patch customer supplied FOH gear directly into the house sound & monitor systems. The staff at the Seaside Civic and Convention Center is committed to the success of your event or production. Please do not hesitate to ask for assistance concerning stage & production equipment.

(2) Production services are not an amenity offered by the Seaside Civic & Convention Center. Any large-scale or ticketed events are required to supply their own stage and technical crews. Venue staff can conduct equipment familiarization sessions for visiting technical crews who incorporate our systems into their productions.

## Monitors:

Monitor mixes are available only from the FOH console. Isolation splitter & monitor console are not available. FOH console is not fitted with a network card. The number of available discreet monitor mixes is dependent of the availability of mix busses, but most clients can expect an availability of 4-6 monitor sends.

- 4 Radian Apex 1200XD 12" coaxial wedge; 1250W continuous
- 4 JBL JRX-100 12x1" wedge; 400W RMS
- 2 Ashly KLR-3200 amplifier; 1100W @ 4 Ohm. 1600W @ 2 Ohm
- 1 QSC RMX1450 (single channel only, 4 ohm capable) this is the *opposite* channel of the same amp used for house center fill.
- 2 QSC K12 powered speaker system
- 1 QSC K12.1 powered speaker system
- 2 QSC K10.1 powered speaker system

## Microphones:

- 12 Audix OM-3 vocal/instrument; two of which are equipped with switches
- 8 Audix Performance Series wireless mic system. Operates any combination, *up to eight*, of the following:
  - (6) Audix H60 wireless handheld with Heil RC35 capsule
  - (4) Audix B60 Beltpack with the following mic selection:
    - (4) Audix Lavalier
    - (2) Countryman Headset
- 2 Heil PR-30
- 1 Heil HDK-5 drum mic set
  - (1) PR-48 kick drum mic
  - (4) Handi-Mic Pro + snare/tom mics
- 1 Heil PR-28 snare mic
- 4 Heil PR-22
- 2 Heil PR-22 w/ switches
- 1 Audix D6 low frequency mic
- 5 Shure SM-58
- 2 Shure SM-81 (factory matched pair)
- 2 Audix M1245 condenser/micro-boom choir mic
- 1 CAD M179 condenser
- 2 Crown PCC 160 PZM mics
- 2 Audix ADX60 PZM mics
- 5 ProCo AV-1/AV-1A passive direct boxes
- 5 Radial PRO DI passive direct boxes
- 5 Radial PRO AV1 multi-media direct boxes

## Miscellaneous Gear:

- Assorted microphone stands, enough for most events/productions.
- 2 16x4x100' analog snakes
- 1 6'x8' carpeted riser, Adjustable height 16" or 23"; Located on stage\*\*  
Assisted Listening System\*

\*Assisted listening is available in the Pacific Room. Assisted listening may be used in the Necanicum Room with advance notice.

\*\*Any additional risers needed on the stage must be supplied by the client.

## PROJECTORS AND VIDEO MONITORS

Seaside Civic & Convention Center regularly supplies external computer display devices such as LCD projectors or flat panel monitors for our clients to use. Riverview A, B, & C, and Seaside A, B, & C are equipped with ceiling-mounted projectors and screens which are located on the north and south walls. At this time, typical room configurations will be as follows:

- Single space breakout rooms, such as the Sand Dollar spaces will be provided with a 46" flat screen monitor which will accommodate most current input devices. All other spaces utilize the installed projection systems.

# PACIFIC ROOM STAGE LIGHTING SYSTEM SPECIFICATIONS

## Fixtures & Dimmers:

30	ETC Source Four Ellipsoidal, 36°; 575 Watts ea.
24	Elation SIXPAR 300 RGBWAU LED Pars
14	Elation SIXPAR 200 RGBWAU LED pars
24	ADJ Mega Tri-Par Profile LED Pars (not installed)
3	ETC SmartBar, 6x1.2 kW @ 120VAC located 1 ea. per stage electric

## Specification:

The installed system is comprised of 30 FOH conventional fixtures powered by ETC SmartBar dimming systems, with the added capacity of 6 channels of conventional dimming per stage electric. 30 ellipsoidal spotlight fixtures (36°) comprise the FOH portion of the system, while 38 Elation SIXPAR fixtures are used over the stage.

*Readdressing SmartBar dimmers or reconfiguring installed equipment is prohibited.*

**Control Console:** ETC ColorSource 40AV located in sound booth.

**Control Network:** Lighting control is administered through two discreet DMX512 networks. Network "A" services all conventional dimmers and supplies spare channels for additional gear. Universe "B" services the LED fixtures and supplies spare channels for additional gear, as well.

The networks are identical in operation and similar in connectivity. DMX data is sent to the stage from the tech booth via ArtNet network protocol that connect to the central hub of each control network. Connection to the Universe "A" hub is via 5-pin XLR only, whereas connection to the Universe "B" hub can be either 5-pin or 3-pin. Signal distribution at the stage electrics can be either 3 or 5-pin.