



AUDIO, LIGHTING & VIDEO DISPLAY SYSTEMS SPECIFICATIONS

PACIFIC ROOM MULTIMEDIA SYSTEM

The Seaside Civic & Convention Center has made a significant investment in audio-visual capability in the Pacific Room, resulting in an installed, interconnected, professional audio, lighting, & video multimedia package that is capable of accommodating everything from simple lectures & presentations to live entertainment & specialized productions. Use of these systems are the first preferred method for accommodating client requests.

The system has been installed assuming that the main 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 located 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 system features & capabilities:

- Twin 12' retractable front projection screens
- Ceiling-mounted HD camera for presenter/speaker magnification
- Ability to display any compatible video source(s) on left, right, or both screens
- Two computer inputs
- Input from, & output to outside video contractors or client-supplied recording device
- Installed DVD player
- House computer loaded with MS Word, Excel, PowerPoint, and EasyWorship™
- Universal remote control for PowerPoint or similar slide show software
- Video output to lobby monitors
- 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
- Audio feed to Necanicum Room for overflow seating & back lobby area
- Lighting system can be configured for most applications & activity at the south end of the room or onstage.
- Free Wi-Fi and hard connect points
- Upload connections for webcasting. The convention center does not currently have webcasting capability. This connection is for contractors and clients that bring their own computer gear intended for that purpose.
- Portable/temporary video distribution allowing viewing in all breakout rooms of Pacific Room activity, or another source. *We require a minimum of 14 days advance notice to use this free service.*

AUDIO SYSTEMS

PACIFIC ROOM

Specification:

The audio system has been engineered and optimized specifically for the Pacific Room. Front-of-house gear is configured as a 32 input, true stereo output plus one mono center fill. There are enough auxiliary outputs to accommodate up to four discreet monitor sends. Outboard effects include digital delay & reverb on individual sends. Effects return to input channels 31 & 32 as stereo left & right. There are 30 mono input channels, which includes 1 stereo pair available for client use.

The speaker system is comprised of two articulated line array clusters flown in a left/right, true stereo configuration with an SLS 8290 full range mono fill speaker centered between the clusters. 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 is an additional pair of JBL Cabaret Series subs located under the stage, positioned at floor level on each end of the stage which can be incorporated into the system for clients desiring additional low end coverage.

The LS6500 features a high performance planar ribbon transducer designed and manufactured by SLS Loudspeakers in addition to a single high quality 6 ½" driver with parameters calculated to offer a seamless transition to the ribbon. The 215EL is a dual 15" subwoofer, and the SLS 8290 features a high performance planar ribbon transducer and dual 8" drivers, in addition to a full range passive crossover. The JBL Cabaret subs are 2x15" each.

Speakers & Amplifiers:

SLS Ribbon Line Array Series, 3 way system consisting of:

- 16 SLS LS6500 6.5" + PRD500 Planar Ribbon Transducer, 110 degree
- 2 SLS 215EL 2x15" Subwoofer
- 1 SLS 8290 2x8" + PRD500 Planar Ribbon Transducer, Center Fill 90 degree
- 2 2x15" Subwoofer; JBL Cabaret Series
- 1 QSC CX254 for Highs
- 2 QSC CX502 for Midrange
- 2 QSC CX702 for 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 GL2400 32x4x2x1 mixing console; 30 mono input channels; 2 dual stereo pairs with mono mic input; 6 Pre/Post Aux sends with 2 dedicated for reverb/ddl, leaving up to 4 for monitors; 4 output matrix. There are 30 mono input channels, which includes 1 stereo pair available for client use.

Outboard, Drive & Processing:

- 1 Architectural Acoustics Digitool MX Management system
- 1 t.c. electronic M350 Effect/Reverb Processor
- 2 t.c. electronic C300 Dual Stereo Gate/Compressor
- 1 dbx 2231 EQ/Limiter; 2x31 band +/- 15 db boost/cut, left/right
- 1 dbx 2031 EQ/Limiter; 1x31 band +/- 15 db boost/cut, center fill
- 1 CD player
- 1 JVC TD-W354 Dual Cassette Deck, record capable with client-supplied tape

NOTE: All FOH gear, including the console, is racked together as a permanent installation located in the sound booth. **Repatching 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, or completely remove the console/rack assembly if space is needed for client-supplied gear. 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.

Monitors:

Four discreet monitor mixes are available only from the FOH console. Splitter & monitor board are not available.

- 2 dbx 2231 EQ/Limiter with Type III Noise Reduction (2x 31 bands, +/- 15 db boost/cut)
- 4 Radian Apex 1200XD 12" coaxial wedge; 1250W continuous
- 4 JBL JRX-100 12x1" wedge; 400W RMS
- 5 JBL MI-631 Cabaret 12x1" wedge; 150W continuous
- 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.

Microphones:

- 10 Audix OM-3 vocal/instrument
- 8 Audix RAD-360 wireless receivers. Operates any combination, up to eight, of the following:
 - 6 Audix RAD-360 wireless handheld with OM-3 capsule
 - 4 Audix RAD-360 Beltpack with the following mic selection:
 - 4 Audix Lavalier
 - 3 Audix Headset (omni)
- 2 Heil PR-30
- 1 Heil HDK-5 drum mic set
 - 1 PR-48 kick drum mic
 - 4 Handi-Mic Pro + snare/tom mics
- 5 Shure SM-58
- 2 Shure SM-81
- 2 Audix M1245 condenser/micro-boom
- 1 CAD M179 condenser
- 5 ProCo AV-1/AV-1A Passive Direct Boxes
- 5 Radial passive direct boxes
- 5 Radial A/V direct boxes

Miscellaneous Gear:

- 1 Que-Com intercom system with 4 headsets.
- Assorted microphone stands, enough for most events/productions.
- 3 16x4x100' snakes
- 8 6'x8' carpeted risers. Adjustable height 16" or 23"
- 1 Assisted Listening System*
 - *Assisted listening is available in the Pacific Room. Assisted listening may be used in the Necanicum Room with advance notice.

NECANICUM ROOM

- 1 70 volt distributed audio system with ceiling mounted speakers. This system also has an input patch from the Pacific Room, allowing use as an extension for expanded seating areas.

Also installed in the Necanicum Room is a system for those requiring more power for activities such as live music.

- 1 Soundcraft Spirit E8 8x2 plus 2 stereo pair channels, 1 Aux, 1 Monitor, Stereo Mains
- 1 Rane ME-60 EQ - Mains
- 1 QSC RMX1450 Main Amp
- 1 Rane GE-27 EQ - Monitor
- 1 Crown DC150A Monitor Amp
- 2 JBL SR4722 12x1" Main Speakers, flown on east side of room
- 1 CD Player
- 4 Audix RAD-360 hand/lav wireless mic sets

A video display system consisting of twin projectors and retractable screens is installed in the Necanicum Room and will accept typical VGA, component, and composite input signals from computers, DVD players, and video switchers.

RIVERVIEW & SEASIDE ROOMS

The Riverview & Seaside Rooms are each equipped with independent 70 volt distributed sound systems, with ceiling-mounted speakers. Each system is equipped with 3 microphone inputs, one for each dividable space. Although the Riverview & Seaside Rooms may be divided into 3 spaces each, the systems are installed as a master system for each set of rooms, with an volume control installed in each subspace. Thus, if an audio source is connected in Seaside "A", it will be heard in Seaside "C" as well, assuming the volume is turned up in Seaside "C". This configuration also allows for isolation to just one or two of the divided rooms. The Seaside Civic & Convention Center has a limited number of portable podium/lectern sound systems available for smaller breakout rooms, if required.

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. At this time, typical room configurations will be as follows:

- Single space breakout rooms, such as Riverview & Seaside A, B, & C, will be provided with a 46" flat screen monitor which will accommodate most current input devices.
- Double and triple space breakout rooms, such as Riverview & Seaside A-B, B-C, or A-C will be provided with an LCD projector and screen. Please be aware that total listed room capacities cannot be realized with a projector/screen configuration, as seating space is lost due to the projector's required front clear space. On average, a classroom configuration will lose 4-8 seats, and theater-style will lose 8-10 seats for a projector.
- Seahorse and Haystack Rooms, if used as breakout Rooms, are best equipped with flat screen monitors due to limitations imposed by the facility's physical supporting structure.
- Monitors and projectors are limited to the inventory currently on hand. Any requirement for additional display devices beyond our inventory are the client's responsibility.

SEAMIST ROOM

The Seamist Room is equipped with ceiling-mounted speakers and 4 source inputs for microphones, computers, or DVD's.

STAGE LIGHTING SYSTEM SPECIFICATIONS

Fixtures & Dimmers:

30	ETC Source Four Ellipsoidal, 36°; 575 Watts ea.
36	Par-64; 1000 Watts
4	PassPort Lighting PassSpot 575-16 automated spots
24	ADJ Mega Tri-Par Profile LED Pars
9	Altman Ellipsoidal, unknown beam parameters; 575 Watts ea. (Uninstalled)
1	Altman Fresnel, 500 watts (Uninstalled)
1	Phoebus UAll-LT/120 follow spot; 400 watts
1	Doug Fleener Design DMX Splitter; 1 in, 5 out (<i>All conventional dimmers are DMX 5-pin connections</i>)
11	ETC SmartBar, 6x1.2 kW @ 120VAC
2	NSI DS12 Digital Dimmer, 12x1.2 kW @ 120VAC
3	NSI DDS 6000 Dimmer; 4x1.2 kW @ 120VAC
102	Total <i>COMBINED</i> patchable conventional dimmers

Specification:

The installed system is comprised of 66 conventional fixtures powered by ETC SmartBar dimming systems and 4 automated spotlights. 30 ellipsoidal fixtures (36°) and 4 automated spotlights comprise the FOH portion of the system, while 36 1kW Par-64 fixtures are used over the stage. There are 12 LED fixtures on the truss over the stage, with another 12 “loose” to use as accents.

In addition to the installed components outlined above, an additional thirty six (36) installed NSI dimmers and associated overhead distribution are available for specials or other customer-supplied gear. There are 9 additional Altman ellipsoidal fixtures, and 1 Altman fresnel fixture currently uninstalled, but available for use. The control console is located in the sound booth.

Readdressing SmartBars or reconfiguring installed equipment is prohibited.

Control Console:

Leprecon LP-X48

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