



Lopez Center for Community and the Arts

Sound and Lighting System Information

The following document provides an overview of the sound and lighting systems at Lopez Center for Community and the Arts. If you have any questions or need clarification about the equipment, please contact the Center's Assistant Director, Robert Harrison by e-mail at admin@lopezcenter.org or phone at 360 468 2203.

Please note: many of the items we have are listed more than once to indicate which fee packages they can be used with. For example, we only have one pair of JBL Cabaret CAB55 15" 2-way Speakers, but they can be used as mains, monitors or PA speakers depending on the sound setup chosen. Again, please feel free to contact us if you need any clarification about the setup.

Large Concert Setup (Fee Package 3)

Main Speakers

- 2 x JBL MRX 525 Speakers, Dual 15" Drivers, 1.5" Compression Driver
 - Sensitivity 98 dB SPL @ 1W, max SPL 124 dB, 8 ohms
- 2 x JBL MRX 518S, 18" Subwoofer
 - Sensitivity 94 dB SPL @ 1W, max SPL 127 dB, 8 ohms

Onstage Rack (Main PA Rack)

- 1 x Ferman Power Conditioner
- 1 x dbx 2/3/4 way crossover (3 way stereo, 4 way mono)
- 2 x Yamaha YS P2500S (Floor or side fill monitors)
 - 250 W/channel, 8 ohms, stereo, 0.1% THD
- 1 x Yamaha YS P5000S (Main speaker cabinets)
 - 500 W/channel, 8 ohms, stereo, 0.1% THD
- 1 x Yamaha YS P7000S (Subwoofers)
 - 700 W/channel, 8 ohms, stereo, 0.1% THD

Front of House Console

- Mackie Onyx 24x4x2x1 channel board
 - 20 XLR mic channels, 4 way parametric eqs.
 - 2 true stereo input channels, 4 way eqs.
 - 6 pre/post faders aux sends (4 typically assigned to monitors), 1 for Fx sends.
 - Assignable compressor/limiter in mixer to mains or sub mix groups

Front of House Rack

- 1x Ferman Power Conditioner
- 1x Lexicon MX 200 Dual Reverb Effects Processor
- 4x dbx 231 Dual Channel 1/3 Octave 31 Band Graphic Equalizers (6 total channels)
- 1x CD player (optional)

Monitor Speakers

- 6 x Yamaha Club V Series SM15V 15" 2-way Monitors, 8 ohms
- 3 x Yamaha SM101V 12" 2-way Floor Wedges, 8 ohms

Small Concert Setup (Fee Package 3)

Mains (Speakers)

2 x JBL Cabaret CAB55 15" 2-way Speakers, 8 ohms

Onstage Rack (Main PA Rack)

2 x Mackie FR series 1400i

Front of House Console

Mackie 1604 VLZ Pro 16x2x4

Monitor Speakers

6 x Yamaha Club V Series SM15V 15" 2-way Monitors, 8 ohms

3 x Yamaha SM101V 12" 2-way Floor Wedges, 8 ohms

Both Small and Large Sound Setups Include

Microphones

5 x Shure SM-58s mics

7 x Shure SM-57s mics

1 x Shure Beta 52A Kick Drum mic

2 x AKG C1000S Condenser

Direct Boxes-

1 x Behringer Ultra-DI model DI20 (2 Channel)

5 x Behringer Ultra-DI model DI100 (1 Channel)

Amps-

1 x Emery Sound MicroBaby, 4-16 ohms

1 x Mesa/Boogie Subway Blues, 20 Watts, Dyna-Watt Power™ / 2xEL84, 4x12AX7
1 x 10" speaker, 8 ohms

Snakes-

1 x Stagemaster 24 x 4 (24 mic XLR female, 4 TRS ¼" male sends), 100 feet

1 x Stagemaster 16 x 4 (16 mic XLR female, 4 TRS ¼" male sends), 100 feet

1 x Stagemaster 16 x 4 (16 mic XLR female, 4 mic XLR male sends), 100 feet

Headphones-

1 x Sony model MDR-V250 stereo headphones

Piano (indoor events only)

1 x Steinway Model O Baby Grand Piano, 1911 vintage (usually tuned twice per year)

Fixed Indoor Lighting Equipment (Fee Package 3)

Note: this equipment is generally setup with a color wash for stage (red, blue, amber).

A lighting tech is required for use.

12 x 6" 750W ETC Source 4, Ellipsoidal adjustable instruments

12 x 8" 750W ETC Source 4, Par fixed instruments

6 x K-9 Bulldog LED 64PAR RGBW instruments

Standard setup has the LED lights in pairs of two, one pair over stage front and two pairs on the tormentors on the sides of the stage front.

1 x ETC Express 24/48 channel digitally programmable lighting console (disk operating system), with DMX data bus outputs.

6 x NSI DDS 6000 4 x 1200W DMX channel Dimmer Packs

Standard Audio/Visual Setup (Fee Package 2)

Microphones

Yamaha EMX 212S Power Mixer with 4 wireless microphones

Connected to 2 JBL Cabaret CAB55 15" 2-way Speakers, 8 ohms

Projector

1x BENQ SP870 with VGA connector on stage left

Mac adapter – Thunderbolt to VGA

DVD/Blue Ray Player (sound through receiver listed below)

22' by 17' retractable screen

Sound Receiver

Yamaha RX-V467 Natural Sound Receiver

Connects to:

1 x DVD/Blue Ray Player

1 x CD Player

2 x 1/8" jacks - one on stage left and one in sound closet

Piano (indoor events only)

1 x Steinway Model O Baby Grand Piano, 1911 vintage (usually tuned twice per year)