

Sound and Lighting Equipment In-house at the Laurel Theater - December 2025

The Laurel Theater is the home of Jubilee Community Arts (JCA), in Knoxville, TN (www.jubileearts.org). This list is compiled by Lou Gross (lgross.utk.edu)

Speakers, Amps, Board and Outboard Devices:

1. House Speakers: Pair of Yamaha 5115MT 3-way cabinets, 400 Watts peak, hung from ceiling.
2. Pair of Peavey 112TI monitor wedges, 200 Watts max.
3. Pair of EV SM15 wedges, 400 Watts Max.
4. Small hot-spot powered monitor speaker
5. Snakes: A single 12 channel XLR to XLR snake is built-in, with stereo powered 1/4" send lines, and 2 non-powered 1/4" monitor sends. A separate built-in snake provides two additional powered 1/4" send lines for monitor sends. Thus the maximum channels on stage we can handle with this is 12, and we can provide a maximum of 3 on-stage mixes, assuming the house is run mono. There is an additional snake we can run around the hall if we need more on-stage lines.
6. Mackie Onyx 1640i mixer - 16 channels and Firewire outs. Connected to 12 XLR channel snake with powered send for main speakers and one monitor mix. Also connected to the extra snake under stage with two powered sends. Firewire out connected to Dell computer.
7. Yamaha GQ1031C 31-band graphic EQ used for Front of House mix.
8. Ultra Graph Dual 31 graphic EQ model 3102 for two monitor mixes.
9. Dual DOD 231 31-band graphic EQ used for additional monitor mixes, as a back-up to the other graphics, to insert on a channel or to use as crossover for the subwoofer.
10. Alesis 3630 compressor with two sides of compression and gates.
11. Crown 800 CSL stereo amp with 400 Watts per side. One side is for FOH mono and the other for one monitor send.
12. Yamaha P1500 stereo amp with 175 Watts per side. Can be run bridged or stereo.
13. Dell computer with display, keyboard and mouse. Connected to Firewire out from the mixer to record channels as wav files using Reaper.
14. Power conditioner - Middle Atlantic Products Model PD915A that powers all the rack.
15. Small Fender subwoofer.

Mics, stands, cords, etc.:

1. Speaker cords for main speakers and multiple monitors.
2. Many XLR cords.
3. Mics - 5 Shure SM 58, 5 Shure SM 57, 2 Shure SM beta 58, 1 Audio Technica 3528 condenser mic, 2 Oktava OM-2 condenser mics with 10dB pad, 2 Shure SM84, 1 EV ND-308, 1 EV ND-408 various other condenser and older dynamic mics. Shure wireless handheld SM58 with Shure receiver and a headset mic with transmitter. Clips for all these.
4. Di boxes - 3 Rapco DB101SL DI boxes with ground lifts, 2 passive DOD 260 without ground lifts.
5. Stands - 6 tall AKG boom stands and two short AKG boom stands, 4 heavy AKG boom stands, 3 guitar stands.
6. An Audio Technica Pro45 mic built in on balcony for ambient taping.

Lighting System:

1. Eight Colorise Quadra LCD lamps hung upstairs and connected to a Chauvet Stage Designer 50 controller/dimmer.

2. 4-channel controller connected to a cable under the stage to connect to a four-channel dimmer box for additional lights on a light tree or on the floor.
3. Two lamps (one PAR and one Frennel) to provide additional floor light in the hall.

Additional equipment:

1. A Kawai grand piano kept in an alcove on the side of the stage.
2. Additional mixing boards - Mackie 1604 16-channel mixer with XLR10 extension capable of handling 16 channels with either XLR or 1/4" input; Mackie 1402 10 channel mixer; Mackie SR 24x4 VLZ Pro capable of handling 20 mono channels plus two stereo channels with either XLR or 1/4" input; Yamaha 300B 12 channel board with built in stereo amps and in-board graphics (dual 9 band)
3. Small portable systems including: Berenger integrated 8 channel amp/mixer with neutrik connectors, 3 small Peavey monitors/speakers with stands, short 8-channel snake.
4. Tascam digital recorder.

Questions about the above equipment should be addressed to Dr. Ethan Fulwood, Executive Director, Jubilee Community Arts, 865-522-5851 or to Lou Gross, Volunteer House Sound Engineer, (lgross@utk.edu)