

Sound

The Legion Hall sound system is a JBL SR Series A bi-amplified system. The Subwoofers are 4715 with dual 15" 2226H drivers on each side powered with a QSC CX1102 amplifier that produces 1,100 watts per channel into this load providing 2,200 watts of total subwoofer power. The subwoofers are running in mono with a low pass at 80Hz. The tops are 4732 Dual 12" and 2" throat horn enclosures powered by a QSC CX1102 amplifier that produces 1,100 watts per channel. The tops are running in stereo, high passed at 80Hz.

The system controller is a DBX drive rack which provides crossover, limiting, EQ, and feedback elimination depending on the preset that is selected based on the type of event. Traveling artists are not given access to this device. The system is time aligned to the middle of the stage depth. The system has been made to have a flat frequency response in the room using the DBX calibrated microphone designed for the Drive Rack using the parametric EQ only. The feedback elimination system is only engaged on presets designed for meetings & presentations.

For simple meetings the sound goes through an Alesis Multimix unit providing Bluetooth for music, and two microphones.

For more advanced things we typically use a Midas digital mixer with 16channels. Other mixers or more inputs are available, including Yamaha, Soundcraft, & Allen&Heath Digital and Analog units. There are stage monitors available, which are JBL EON10P units, chosen because of their small size to maximize stage real estate. There is a full microphone kit & DIs available with the expected mics from Shure, Sennheiser, AKG, Beyerdynamic and such.

Lighting

The Legion Hall base lighting system consists of 6 static RGBWA+UV PARs above the stage, 2 Zoomable RGBWA+UV PARs over the audience to front light the stage, 6 moving lights and a DMX controlled mirror ball and multicolor pin spots. Additional devices are available including Hazers, Lasers, and a FollowSpot. There are three dedicated 20A circuits to the lighting bars.