

Little Theater Lighting Notes

1. The main breaker for the Little Theater is in the basement mechanical room. It's marked Little Theater. Don't throw it unless there is a complete blackout. It will need to be pumped several times before it takes hold. You'll be able to feel it.
2. The branch breakers for the dimmer racks are in the electric panel stage right next to the dimmer racks. They are marked top and bottom dimmers. If they blow, they will need to be pumped several times to take hold.
3. Important: Before bringing up dimmers, check your load first. Instrument loads as follows: A) each color each pipe of strips = one 20amp, each leko or par lamp = 600watts, follow spots = 20amps. Never run all strips, onstage lights, FOH lights, and house lights at the same time. **It will blow the main breaker.** Solution: Run combinations of dimmers for each stage look. You will never need to run all at once. Run dimmers at a lower level. Still don't run all at once. Total amperage available for the Little Theater is 225 amps, 3 phase.
4. All onstage electrics terminate stage right in the corner next to the dimmer packs. Strip light circuits should be labeled. All other specials who knows? You will need to hot patch to trace them down.
5. All FOH circuits terminate stage right in the gray multi gang boxes next to the dimmer packs. They are labeled with the circuit number only. You will need to hot patch to trace them down.
6. To hot patch: Use dimmer 12 outlet in either dimmer pack. Unplug the work light strip lights. The hot plug is the top one and the dimmable plug is the bottom one, only on dimmer 12. Turn off the breaker (opposite side of dimmer pack), plug in cable to be tested, switch on. This will avoid the plug arcing. Another way to hot patch is to get an adaptor and plug into the wall circuit stage right.
7. We prefer to use the strip lights for onstage lighting + the FOH lekos. There is no special ladder focus and FOH lamps are easily reached and focused. This should be sufficient for most events. If onstage focus is required, get the ladder from the stage storage cage or the small genie lift from Operations. Onstage specials used should be kept at a minimum.
8. All required color must be provided by the show unless they can use our existing color.
9. If follow spots are required, the house has four Lycian 2000watt Midgets available. The Little Theater can accommodate 2 of these. They are stored in lighting storage in the basement. They are installed in the next to last row of the balcony left and right. They plug into circuits in the balcony lobby. Run the cable below the step, behind the last row of seats, and through the old projection windows. This power is separate from all other Little Theater power.
10. Sound power should be run from the lower or upper lobby. This will isolate it from the rest of the Little Theater power. If power does go out, along with the separate spot power, you could finish a show with this alone.
11. The only dependable stage power, two 20amp circuits, is stage right by the dimmer packs. There is additional power available in the backstage room. **Beware:** The backroom power is on the same 20amp circuit as the dressing rooms, storage room, and Little Theater first floor backstage lobby.
12. If more power is required, the new main stage power boxes can be used. Connect both 75' cables together to make a 150' cable, plug into the 60amp plug on the main stage stage left, run the cable through the backstage door, up the stairwell to the Little Theater, connect the box, and voila 180amps 3phase power.
13. If cyc lighting is required, separate out the back strip lights from the other two per color. They should be labeled or use hot patch.