

Kansas University Theatre
GENIE PERSONNEL LIFT
Revised August 2015

What it is used for:

- The easiest and safest means we have of working at heights above ladder height.
- Focusing lights
- Working on rigging

Description:

Battery-powered

- Please check to make sure the charging cord is not plugged into the wall before starting to wheel the Genie across the stage!

Hydraulics

Basket:

- Goes up with you. Check for clearance around you in the air.
- Maximum platform height is 25 feet.
- Electrical outlet in the basket.
- Controls:
 - Up and down switches
 - Dead person switches must have button pressed for it to move.

Outriggers:

- Offer substantial stability
- Stored by the gel room
- Attachment to the Genie

Moving:

- The Genie will sway A LOT while it is being moved.
- It is preferable to have the outriggers attached and slightly off the floor when the Genie is being moved.
- Be very cautious of rolling the wheels over any kind of obstruction while the basket is elevated. The inertia could easily cause the Genie to tip over.

Battery Considerations:

- The pitch of the hydraulic pump will drop noticeably when the Genie is starting to lose power.
- DO NOT OPERATE THE GENIE ON A LOW BATTERY. It is bad for the hydraulics, battery, and solenoid.
- Set the Genie to charging and wait for it to get fully charged before using again.

Charging the Genie:

Unplug the battery connections.

Plug the power cord into a *grounded* outlet.

Set the charging timer to 12 hours.

- The battery is fully charged when the DC Amps gauge reads approximately 2A.

The process of charging the battery causes the water in the cells to boil off.

- At least once a week, the water level of the battery should be checked.
- The electrolyte should cover the plates in the cell. IT SHOULD NOT COME ALL THE WAY TO THE TOP OF THE CELL!!
- It will boil over, spewing battery acid all over the battery case and the stage. THIS IS BAD!
- In the event of a battery acid spill there is baking soda in the gel room that can be used to neutralize the acid.