

TV Studio Lighting Console

The **Light Console** in MZ 180 (TV Stage) controls all of the light fixtures in the Studio. Power the Console ON using the power strip on the side of table...and by using the **Power switch** behind console (if not already switched on)



The Control Display shows the intensity of every channel. 100% is FL (or Full) and 50% would be exactly half-illumination. There are 48 channels. Each channel corresponds to a single light fixture OR a Bank of lights in a zone (Green screen or bounce light array).



All of the Studio Lights use Stage Pin (Bates) power connections. **We do not plug lights into the AC (Edison) outlets.** Rented lights AC plugs can be powered from the wall ports with a Stage pin to AC adapter. Located in the cabinet.

Operation Notes

Master Fader must be up for all channels to work.



Black Out button -when pressed- entire set goes dark. Please check this setting in the event that no lights are powering up during normal operation.



Wall port circuits are patched to console channels. Look at the reference chart on the previous pages and cross reference the circuit number to the Channel number.

Pig Tail circuits hanging from the grid are identified by a circuit number and DO NOT correspond the same console channel number. See chart to cross reference circuit to console channel. o console channel numbers. These circuit numbers are electronically patched and can be changed from the default setup. Each circuit is rated at 20amps. Attaching 1 2K lights or 2 1K lights to each circuit would be safe. All circuits identified by 300 and above are rated at 50amp.



We have a variety of fixtures on the grid. ARRI 2K and 1K lights have gel frames to install color gels or diffusion. Frames located on fixtures or in cabinets. There are also $\frac{1}{4}$ and $\frac{1}{2}$ scrim frames for most of the stand lights. They are located in the cabinet.

ARRI 2K setup for primary key or fill lights on Set B and perimeter lights on set B



ARRI 1K placed primarily for backlights on Set B



575w Ellipsoidal (Leko) primarily for accent lighting and to project a gobo (cookie) image.



Mole 2K Only a few of these remain on the grid and are primarily for key, fill or back as needed.



2K Cyclorama and Green Screen lights (these also have frames for diffusion and gels)



Kino Flo Image 40 Primarily for soft fill light on Set B



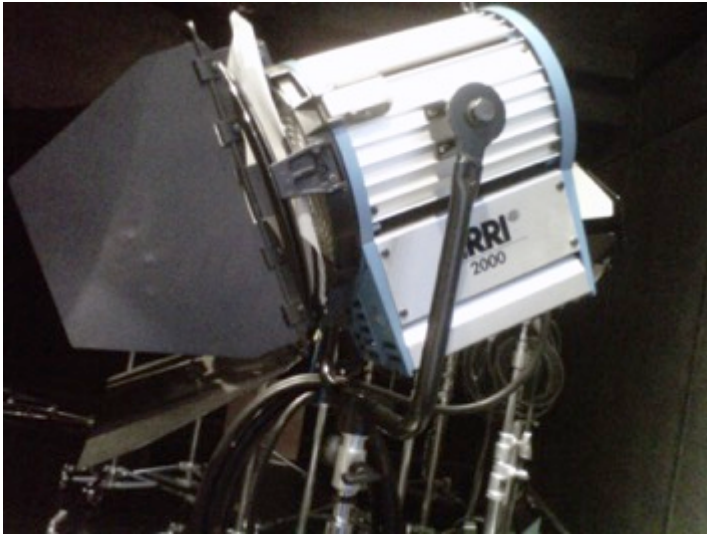
Broad Flood Lights (Floor)



Mole 2k Soft Fill for general fill for Set A



ARRI Studio 2k (Floor)



The following inventory of stand lights are located behind the Set A.

- 2 x 8" diameter 2,000 watt Arri fresnels
- 2 x 6" diameter 2,000 watt Arri fresnels
- 2 x 6" diameter 1,000 watt Arri fresnels
- 1 x 4" diameter 650 watt Arri fresnel
- 1 1K Arri flood light

A note about studio lighting conditions for general lectures.

The studio is equipped with utility lights/work lights and the master switch for all is next to the entrance door. These lights are not adequate for lectures and general lighting when the studio is used in a classroom setup. Some faculty have elected to also use studio (grid) fixtures to supplement the lighting for lectures. Although using the studio lights is much costlier and the lamp life is limited, it is effective. Please use a limited number of fixtures and do not use them at full intensity. The Kino flo lights on Channels 11 and 12 can help to provide soft and cool lighting that will help with general lighting conditions for lectures. Do not use the green screen flood lights channels 21 to 24 to supplement general lighting.

Lights must be turned off at the conclusion of class. And worklights must be shut off during production.