

CMB 4th Floor Studios - Notes on Electricity in the Studios

written by: Jeremy Gruy - jgruy@austin.utexas.edu

Studio 4A (CMB 4.116,) Studio 4B (CMB 4.118,) and Studio 4C (CMB 4.122,) were traditional TV studios originally, and have a Strand Dimmer system with a 20A twist-lock grid - suggested power cords would be 20A twist-lock to edison duplex/quadbox, 20A twist-lock "pigtail" extension, and 20A two-fers. Grid modules also include 50A outputs - suggested power cord would be 50A twist-lock to edison duplex/quadbox. Floor modules located on the walls are a combination of twist-lock and stage-pin. All modules are 50A and are not on the dimmer system. Therefore, HMI Lights should only be plugged into the floor outlets with 50 amp breakout boxes and not the dim-able grid outlets.

Studio 4D (CMB 4.126) is unique in which it does not have a hanging grid, but, in fact, has a catwalk with mounted power modules. These modules are both 20A and 50A, and I suggest 20A twist-lock to edison duplex/quadbox, 20A twist-lock "pigtail" extension, 20A two-fers, 50A twist-lock to edison duplex/quadbox. Wall modules are 20A and 100A - would suggest 20A twist-lock to edison duplex/quadbox, 20A twist-lock "pigtail" extension, 20A two-fers, and any Bates stage-pin or 100A two-fer paddles.

Of course, all of our studios have edison-based wall modules which will accommodate any of our edison-based instruments or extensions. However, the wall edison modules are all on one 20A breaker.