

SOUNDLIGHT'S EXAMPLE SYSTEM

Control Console



DMX cable

First thing in the signal chain is the control console—pictured is an ETC Element. This connects to the dimmer rack's processor with a DMX cable (blue). The rack's processor gives commands to the dimmers internally in the rack. The dimmers' individual power outputs are then connected to the raceway with a large multi-cable that runs from the dimmers to the hanging position. The individual lights plug in to these circuits.

The DMX output of the dimmer rack goes to a scroller power supply, and then the DMX out/thru of the scroller power supply goes to a bunch of moving lights that are daisy chained together. The scroller power supply and the moving lights are powered of an AC power distro here, which is essentially a bunch of regular power outlets with individual breakers. The Scroller out of the power supply is the special 4-pin scroller cable that carries DMX and power together. This goes to power the scrollers, daisy chains between each of them, and then a return line connects back to the power supply.

Dimmer Rack



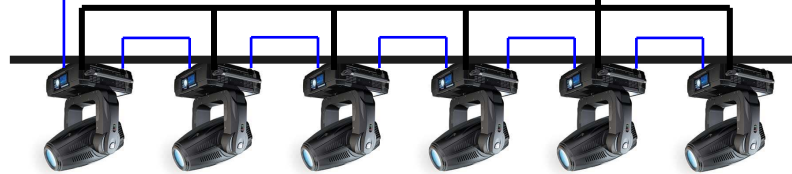
Scroller Power Supply

AC Power In
DMX IN
DMX OUT
Scroller Out
Scroller Return

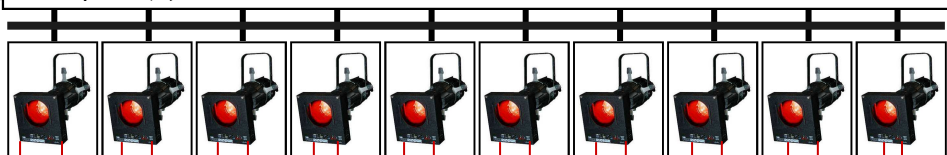
AC Power Distro

(20A circuits for movers and other things)

Black = power of some sort
Blue = DMX cable (5-pin)
Red = Scroller cable (4-pin)
Dark grey = batten/pipe



Raceway (with pigtails for circuits)



Multi-cable from
dimmer to raceway

Raceway (with pigtails for circuits)

